

Regione Puglia

COMUNE DI SALICE SALENTINO - COMUNE DI VEGLIE
PROVINCIA DI LECCE

**PROGETTO PER LA REALIZZAZIONE DI IMPIANTO PER LA
PRODUZIONE DI ENERGIA ELETTRICA DA FONTI RINNOVABILI,
NONCHE' OPERE CONNESSE ED INFRASTRUTTURE, DI POTENZA
PREVISTA IMMESSA IN RETE PARI A 60 MW
ALIMENTATO DA FONTE EOLICA DENOMINATO "SAVE ENERGY"**

OPERE DI CONNESSIONE E INFRASTRUTTURE PER IL COLLEGAMENTO ALLA RTN:
Comuni di Erchie (Br)-San Pancrazio Salentino (Br) - Avetrana (Ta)

PROGETTO DEFINITIVO

Codice Impianto: 6QTZQR9

Tavola :

Titolo :

**CALCOLI PRELIMINARI STRUTTURE
Plinto di fondazione aerogeneratore
Relazione generale calcolo**

R07c-1

Cod. Identificativo elaborato :

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O. PREMESSA

QUESTO DOCUMENTO HA LO SCOPO DI ILLUSTRARE IL PROGETTO DEFINITIVO DELLE STRUTTURE DI FONDAZIONE PER LO SVILUPPO DELLE FONDAZIONI PER AEROGENERATORI CON TORRE ALTA 115 METRI (QUOTA DELLA TORRE IN ACCIAIO) E ROTORE DEL DIAMETRO MASSIMO DI 170 METRI (AEROGENERATODA DA 6,0 MW), DEL PARCO EOLICO COMPOSTO DA N. 10 TORRI EOLICHE PREVISTE CON IL PROGETTO IN AGRO DI SALICE SALENTINO, PROVINCIA DI LECCE.

SI PRECISA PRELIMINARMENTE CHE I CARICHI RIGUARDANTI IL PESO DELLA NAVICELLA E L'AZIONE DEL VENTO SU DI ESSA SONO DETERMINATI SULLA BASE DELL'ESPERIENZA DI MACCHINE SIMILI GIÀ INSTALLATE. IN FASE ESECUTIVA LE ANALISI DOVRANNO TENER CONTO DELLE ATTREZZATURE CHE EFFETTIVAMENTE SARANNO INSTALLATE (MODELLO DELLE MACCHINE E RELATIVE AZIONI PASSIVE [PESO] E ATTIVE [VENTO]).

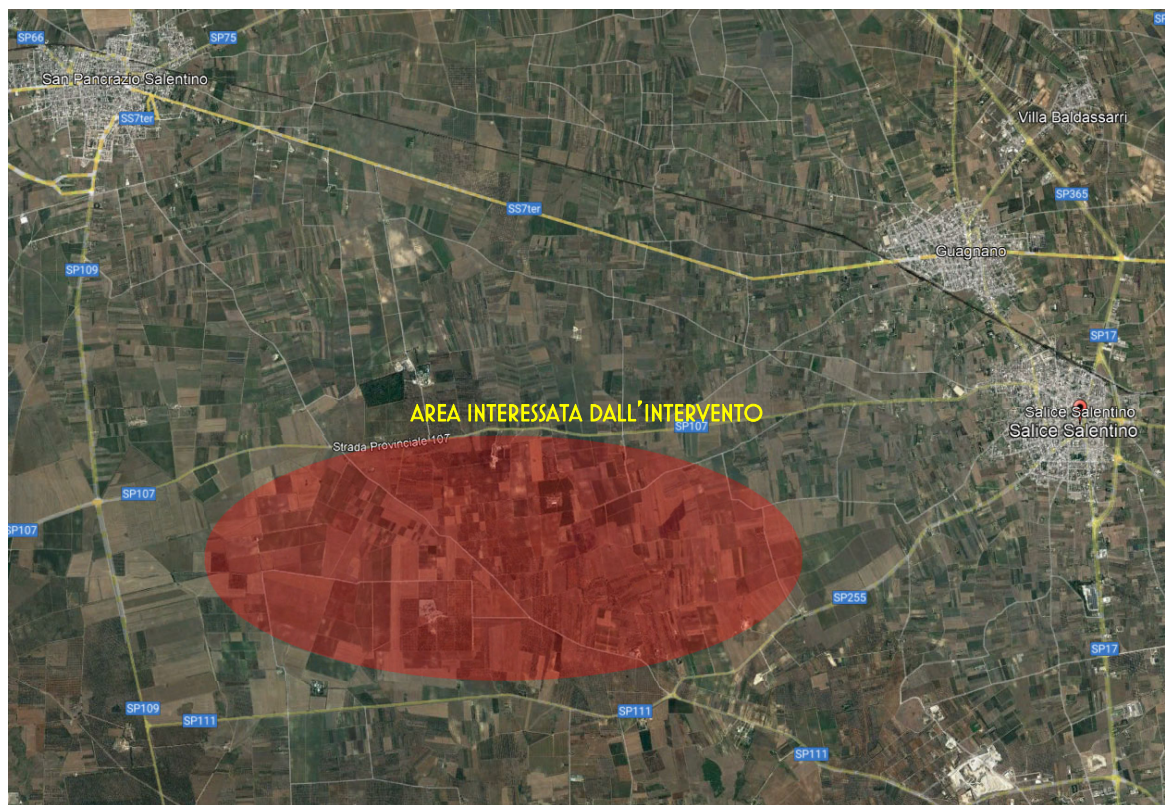


FIGURA I. ORTOFOTO DELL'AREA

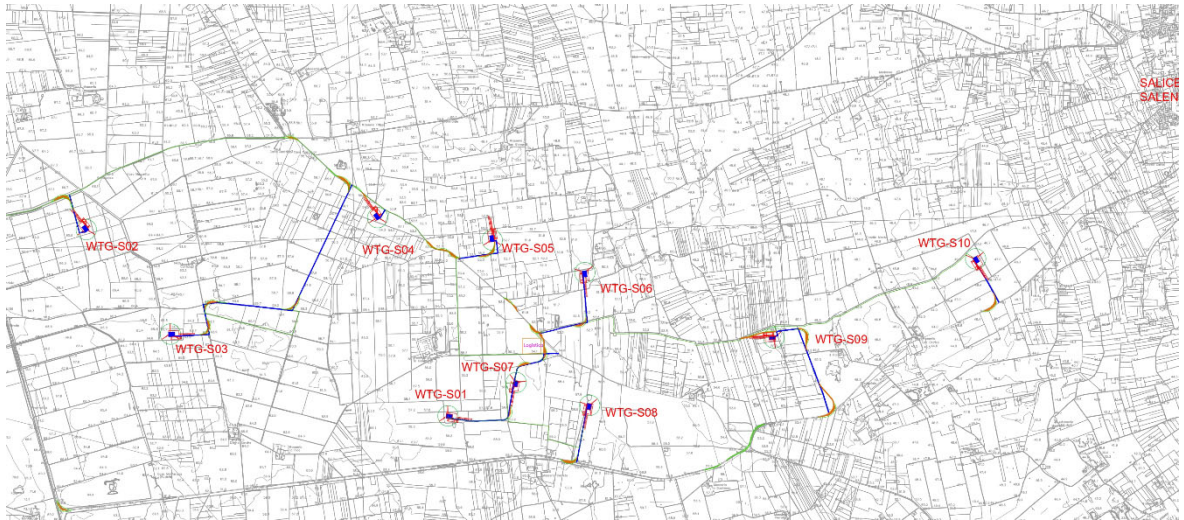


FIGURA 2: IN ROSSO LA POSIZIONE DEGLI AEROGENERATORI

I. DATI DI INPUT

NEL SEGUITO SI FARÀ RIFERIMENTO AL SISTEMA DI COORDINATE RIPORTATO NELLA SUCCESSIVA FIGURA 3 PER LA DETERMINAZIONE E DESCRIZIONE DELLE AZIONI CHE IMPEGNANO L'AEROGENERATORE.

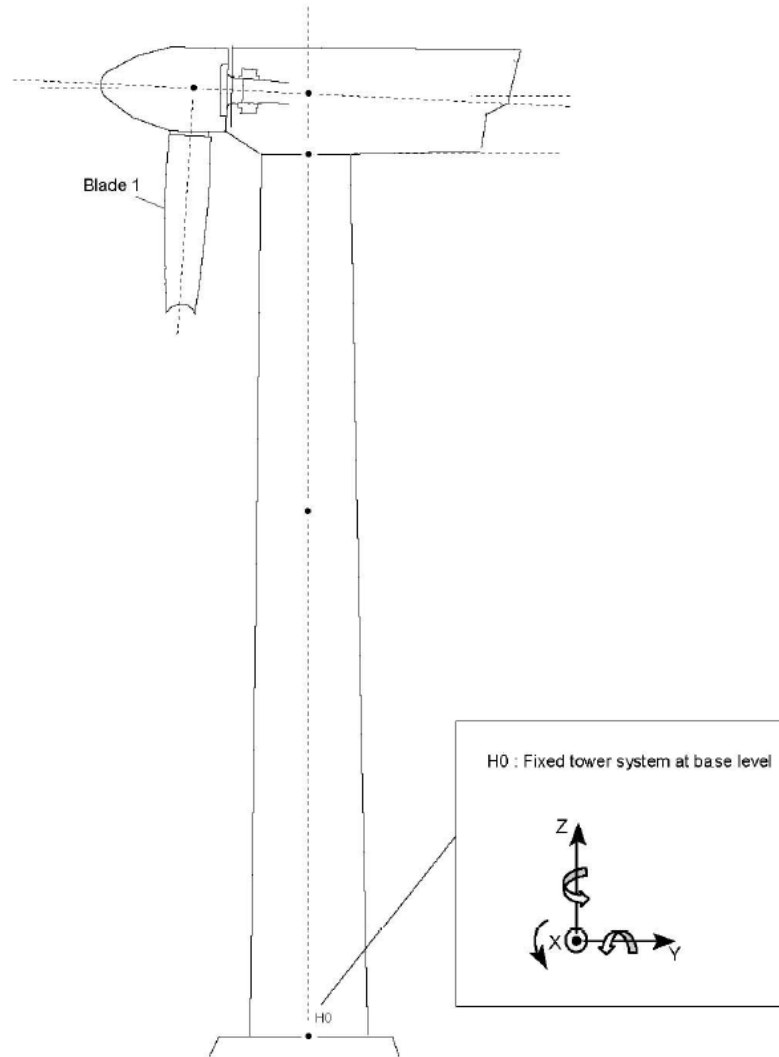


FIGURA 3: SISTEMA DI RIFERIMENTO DELLE COORDINATE ADOTTATO

IN ACCORDO CON LE CARATTERISTICHE DEL TERRITORIO SARANNO VALUTATI I CARICHI ESTREMI PER L'ANALISI PRELIMINARE DELLE AZIONI IN FONDAZIONE.

SI SOTTOLINEA CHE TALI VALORI SARANNO OGGETTO DI REVISIONE NEI SUCCESSIVI E PIÙ APPROFONDITI LIVELLI DI PROGETTAZIONE.

I.I. CARICHI

I.I.I. AZIONE DEL VENTO SULLA TORRE

L'AZIONE DEL VENTO SULLA TORRE IN ACCIAIO, ALTA 115 M, È VALUTATA SECONDO QUANTO DISPOSTO DA [I]:

TABELLA I: VALUTAZIONE DEI PARAMETRI CARATTERISTICI PER DETERMINARE L'AZIONE DEL VENTO

Carichi caratteristici dovuti all'azione estrema del vento				
Zona			3	Tab. 3.3.1
Altitudine sul livello del mare di riferimento regionale	$a_0 =$		500	Tab. 3.3.1
Altitudine sul livello del mare del sito	$a_s =$		54	
Velocità base di riferimento del vento a livello del mare	$V_{b,0} =$		27	Tab. 3.3.1
Parametro k_s	$k_s =$		0.37	Tab. 3.3.1
Velocità base di riferimento del vento	$V_b [V_{b,0} \text{ per } a_s < a_0; V_{b,0} + k_s (a_s - a_0)] =$		27.00 m/s	Par. 3.3.1
Periodo di ritorno	$T_R =$		50 anni	
Coefficiente di ritorno	$c_r = 0,75 * (1 - 0,2 * \ln(-\ln(1 - (1/T_R))))^{1/2}$		1.00	Par. 3.3.2
Velocità di riferimento del vento	$V_r = V_b * c_r =$		27.00	
Densità convenzionale dell'aria	$\rho =$		1.25	
Viscosità cinematica dell'aria			0.000015	
Pressione cinetica di riferimento	$q_r = 0,5 \rho V_r^2$		45.56 daN/m ²	Par. 3.3.6
Classe di rugosità del terreno			D	
Categoria di esposizione			II	
Parametri per la definizione del coefficiente di esposizione				
	$k_r =$		0.19	
	$z_0 =$		0.05	
	$z_{min} =$		4.00	
	$z_{max} =$		119.50	
Velocità media del vento	$V_m = V_r * c_m(z)$			
	$c_m(z) = k_r * \ln(z_{min}/z_0) * c_c(z_{min})$		0.83	$z \leq z_{min}$
	$c_m(z) = k_r * \ln(z/z_0) * c_c(z)$		1.48	$z > z_{min}$
	$V_{m, min} =$		22.48	$z = z_{max}$
	$V_{m, max} =$		39.91	
Coefficiente di esposizione				
Coefficiente di topografia	$c_t =$		1.00	
	per $z < z_{min}$	$c_e(z) = c_e(z_{min}) =$	1.80	
	per $z > z_{min}$ (variabile - valore per $z=189$ m)	$c_e(z_{max}) = k_r^2 * c_t * \ln(z/z_0) [7 + c_t * \ln(z/z_0)] =>$	4.15	Par. 3.3.7
Diametro della torre				
	$d_{min} =$		3.33	
	$d_{max} =$		4.00	
Lunghezza caratteristica "l"		diametro medio $d_m =$	3.66	
Numero di Reynolds		Re (z_{min}) =	5491065	
		Re (z_{max}) =	9747833	
Scabrezza		k =	0.00002 m	0.02 mm
		b =	3.66	
		k/b =	5.45852E-06	
		$c_{x0}(A) =$	0.00 minimo	
			0.00 massimo	
		$c_{x0}(B) =$	0.75 minimo	
			0.77 massimo	
		$\lambda = 0.7 * L/l$	22.73	
		$\psi_1 = 0,6 + 0,1 * \log_{10}(\lambda)$	/	$1 \leq \lambda \leq 10$
		$\psi_2 = 0,45 + 0,25 * \log_{10}(\lambda)$	0.79	$10 \leq \lambda \leq 100$
		$\psi_3 = 0,61 + 0,17 * \log_{10}(\lambda)$	/	$100 \leq \lambda \leq 1000$
		$c_{y0} =$	0.00	
		$c_{mz0} =$	0.00	
		$c_{px} =$	0.59 minimo	
			0.61 massimo	
Pressione cinetica in funzione di c_e (per determinare c_p)				
	minima	$q = q_r * c_{e, min}$	82.04 daN/m ²	
	massima	$q = q_r * c_{e, max}$	189.10 daN/m ²	
Coefficiente di pressione		$c_p =$	0.77	
Coefficiente dinamico		$c_d =$	1.00	
Pressione del vento		$p = q_r * c_e * c_p * c_d$		

NELLE TABELLE SUCCESSIVE SONO RAPPRESENTATE LE DIMENSIONI DELLA TORRE IN ACCIAIO E IL CALCOLO DELL'AZIONE DEL VENTO ALLA QUOTA RELATIVA AL CONCIO CONSIDERATO.

Elemento	H	z	d	F _{zi}	c _e (z)	p	F _{yi}
	[m]	[m]	[m]	[kN]		[kN/m ²]	[kN]
flangia superiore	0.335	119.500	3.238		4.150	1.46	1.58
	0.335	119.165	3.238		4.148	1.46	
11	2.194	119.165	3.238		4.148	1.46	10.40
	2.194	116.971	3.269		4.133	1.45	
10	2.194	116.971	3.269		4.133	1.45	10.46
	2.194	114.777	3.299		4.118	1.45	
9	2.194	114.777	3.299		4.118	1.45	10.52
	2.194	112.583	3.330		4.102	1.44	
8	2.873	112.583	3.330		4.102	1.44	13.86
	2.873	109.710	3.370		4.081	1.44	
7	2.872	109.710	3.370		4.081	1.44	13.95
	2.872	106.838	3.410		4.060	1.43	
6	2.871	106.838	3.410		4.060	1.43	14.04
	2.871	103.967	3.450		4.038	1.42	
5	2.871	103.967	3.450		4.038	1.42	14.12
	2.871	101.096	3.490		4.015	1.41	
4	2.870	101.096	3.490		4.015	1.41	14.20
	2.870	98.226	3.530		3.992	1.41	
3	2.869	98.226	3.530		3.992	1.41	14.27
	2.869	95.357	3.570		3.968	1.40	
2	2.869	95.357	3.570		3.968	1.40	14.34
	2.869	92.488	3.610		3.944	1.39	
1	2.868	92.488	3.610		3.944	1.39	14.41
	2.868	89.620	3.650		3.919	1.38	
flangia inferiore	0.100	89.620	3.650		3.919	1.38	0.50
	0.100	89.520	3.650		3.918	1.38	

Tronco 5

Elemento	H	z	d	F _{zi}	c _e (z)	p	F _{yi}
	[m]	[m]	[m]	[kN]		[kN/m ²]	[kN]
flangia superiore	0.100	89.520	3.650		3.918	1.38	0.50
	0.100	89.420	3.650		3.917	1.38	
10	2.061	89.420	3.650		3.917	1.38	10.38
	2.061	87.359	3.670		3.899	1.37	
9	2.061	87.359	3.670		3.899	1.37	10.38
	2.061	85.298	3.689		3.880	1.37	
8	2.063	85.298	3.689		3.880	1.37	10.40
	2.063	83.235	3.709		3.861	1.36	
7	2.887	83.235	3.709		3.861	1.36	14.55
	2.887	80.348	3.736		3.833	1.35	
6	2.886	80.348	3.736		3.833	1.35	14.55
	2.886	77.462	3.763		3.804	1.34	
5	2.886	77.462	3.763		3.804	1.34	14.54
	2.886	74.576	3.791		3.774	1.33	
4	2.886	74.576	3.791		3.774	1.33	14.53
	2.886	71.690	3.818		3.744	1.32	
3	2.885	71.690	3.818		3.744	1.32	14.51
	2.885	68.805	3.845		3.712	1.31	
2	2.885	68.805	3.845		3.712	1.31	14.48
	2.885	65.920	3.873		3.679	1.30	
1	2.885	65.920	3.873		3.679	1.30	14.45
	2.885	63.035	3.900		3.644	1.28	
flangia inferiore	0.115	63.035	3.900		3.644	1.28	0.58
	0.115	62.920	3.900		3.643	1.28	
							133.85

Tronco 4

Elemento	H	z	d	F _{zi}	c _e (z)	p	F _{yi}
	[m]	[m]	[m]	[kN]		[kN/m ²]	[kN]
flangia superiore	0.115	62.920	3.900		3.643	1.28	0.58
	0.115	62.805	3.900		3.641	1.28	
9	2.422	62.805	3.900		3.641	1.28	12.07
	2.422	60.383	3.910		3.611	1.27	
8	2.422	60.383	3.910		3.611	1.27	12.00
	2.422	57.961	3.919		3.580	1.26	
7	2.911	57.961	3.919		3.580	1.26	14.32
	2.911	55.050	3.931		3.541	1.25	
6	2.911	55.050	3.931		3.541	1.25	14.20
	2.911	52.139	3.942		3.500	1.23	
5	2.911	52.139	3.942		3.500	1.23	14.07
	2.911	49.228	3.954		3.456	1.22	
4	2.911	49.228	3.954		3.456	1.22	13.93
	2.911	46.317	3.965		3.411	1.20	
3	2.911	46.317	3.965		3.411	1.20	13.78
	2.911	43.406	3.977		3.363	1.18	
2	2.911	43.406	3.977		3.363	1.18	13.62
	2.911	40.495	3.988		3.311	1.17	
1	2.910	40.495	3.988		3.311	1.17	13.44
	2.910	37.585	4.000		3.257	1.15	
flangia inferiore	0.145	37.585	4.000		3.257	1.15	0.66
	0.145	37.440	4.000		3.254	1.15	

Tronco 3

Elemento	H	z	d	F _{zi}	c _e (z)	p	F _{yi}
	[m]	[m]	[m]	[kN]		[kN/m ²]	[kN]
flangia superiore	0.145	37.440	4.000		3.254	1.15	0.66
	0.145	37.295	4.000		3.251	1.14	
7	2.930	37.295	4.000		3.251	1.14	13.29
	2.930	34.365	4.000		3.191	1.12	
6	2.930	34.365	4.000		3.191	1.12	13.04
	2.930	31.435	4.000		3.127	1.10	
5	2.700	31.435	4.000		3.127	1.10	11.77
	2.700	28.735	4.000		3.063	1.08	
4	2.700	28.735	4.000		3.063	1.08	11.51
	2.700	26.035	4.000		2.993	1.05	
3	2.640	26.035	4.000		2.993	1.05	10.99
	2.640	23.395	4.000		2.918	1.03	
2	2.600	23.395	4.000		2.918	1.03	10.54
	2.600	20.795	4.000		2.837	1.00	
1	2.500	20.795	4.000		2.837	1.00	9.83
	2.500	18.295	4.000		2.749	0.97	
flangia inferiore	0.175	18.295	4.000		2.749	0.97	0.68
	0.175	18.120	4.000		2.743	0.97	

Elemento	H	z	d	F _{zi}	c _e (z)	p	F _{yi}
	[m]	[m]	[m]	[kN]		[kN/m ²]	[kN]
flangia superiore	0.145	18.120	4.000		2.743	0.97	0.56
	0.145	17.975	4.000		2.737	0.96	
6	2.900	17.975	4.000		2.737	0.96	10.94
	2.900	15.075	4.000		2.619	0.92	
5	2.900	15.075	4.000		2.619	0.92	10.41
	2.900	12.175	4.000		2.479	0.87	
4	2.900	12.175	4.000		2.479	0.87	9.77
	2.900	9.275	4.000		2.305	0.81	
3	2.900	9.275	4.000		2.305	0.81	8.94
	2.900	6.375	4.000		2.074	0.73	
2	2.900	6.375	4.000		2.074	0.73	7.75
	2.900	3.475	4.000		1.721	0.61	
1	2.800	3.475	4.000		1.721	0.61	5.17
	2.800	0.675	4.000		0.902	0.32	
flangia inferiore	0.175	0.675	4.000		0.902	0.32	0.21
	0.175	0.500	4.000		0.773	0.27	

LE AZIONI F_{yi} SARANNO APPLICATE AD OGNI SINGOLO ELEMENTO CONCIO NEL MODELLO GENERALE DI CALCOLO ADOTTATO PER LA DEFINIZIONE DELLE AZIONI ALLA BASE.

1.1.2. AZIONE DELLA NEVE

TABELLA 2: DETERMINAZIONE DEI VALORI CARATTERISTICI PER LA VALUTAZIONE DEL CARICO NEVE SULLA NAVICELLA

Carichi caratteristici dovuti all'azione della neve			
Zona			III
Coefficiente di esposizione del vento		Battuta dai venti	
Classificazione della costruzione		Copertura ad una falda senza barriera o parapetto	
Dimensione minore in pianta della copertura	W	4.20	m
Dimensione maggiore in pianta della copertura	L	12.80	m
Dimensione equivalente in pianta della copertura	$L_e =$	7.02	m
Altitudine sul livello del mare di riferimento regionale	$a_{s,r} =$	200.00	
Altitudine sul livello del mare del sito	$a_s =$	54.00	
Angolo di inclinazione falda	α	0.00	
Valore caratteristico del carico neve al suolo per $a_s < 200$ m	$q_{s,k} =$	0.60	kN/m ² Par. 3.4.2
Valore caratteristico del carico neve al suolo per $a_s > 200$ m	$q_{s,k} = 0.51 * [1 + (a_s / 481)^2]$	/	
Coefficiente di forma della copertura	$\mu_i =$	0.80	
Coefficiente di esposizione	$C_E =$	0.90	Tab. 3.4.I
Coefficiente termico	$C_t =$	1.00	
Carico neve unitario	$q_s = \mu_i * C_E * C_t * q_{s,k}$	43.20	daN/m ²
Carico neve totale	F_n	2322.43	daN/m ²

IL CARICO RISULTATE CONSIDERATO SULLA NAVICELLA DOVUTO ALLA NEVE RISULTA ESSERE DI 25,00 kN.

1.1.3. CARICHI ESTREMI

IN SINTESI I CARICHI AGENTI SULLA FONDAZIONE DELLA TORRE EOLICA SONO SINTETIZZATI NELLA SUCCESSIVA TABELLA 3:

TABELLA 3: SINTESI DEI CARICHI AGENTI SULLA FONDAZIONE DELLA TORRE EOLICA

Azioni sulla testa della torre (navicella + rotore + vento)						
	F_x	F_y	F_z	M_x	M_y	M_z
	[kN]	[kN]	[kN]	[kNm]	[kNm]	[kNm]
peso navicella			-2560			
neve navicella			-25			
vento navicella	-221	506		-3573	-2086	-1408
peso torre			-3440			
vento torre		539		-34551		
orizzontale navicella					-26421	
momento vento navicella				-60467		
totale	-221	1045	-6025	-98591	-28507	-1408
	1068			102630		

I CARICHI INDICATI IN TABELLA 3 RAPPRESENTANO QUELLI ATTINTI TENUTO CONTO DI [1]. PER TENER CONTO ANCHE DELLE AZIONI DEFINITE SECONDO [27], TALI SOLLECITAZIONI SARANNO INCREMENTATE DEL 10%.

TABELLA 4: CARICHI SECONDO [27]

Azioni						
F_x	F_y	F_z	M_x	M_y	M_z	h
F_{res}			M_{res}			
[kN]	[kN]	[kN]	[kNm]	[kNm]	[kNm]	[m]
1175.20		-6627.08	112892.78		-1548.80	0.20

1.1.4. CARATTERIZZAZIONE SISMICA DEL SITO

LA CARATTERIZZAZIONE SISMICA DEL SITO È DESCRITTA IN QUANTO DI SEGUITO RIPORTATO, CONSIDERATO CHE:

- L'AREA RICADE IN ZONA CLASSIFICATA 4;
- LE STRUTTURE DI CUI TRATTASI RIENTRANO TRA QUELLE DI INTERESSE STRATEGICO PER LA REGIONE PUGLIA, DUNQUE DEVE ESSERE CONSIDERATA UNA CLASSE D'USO IV (IMPIANTO RIENTRANTE NELLA CATEGORIA DI CENTRALE ELETTRICA).

TABELLA 5: RIASSUNTO DELLA CARATTERIZZAZIONE SISMICA DEL SITO

Sito di costruzione: 9WC3+8G Salice salentino LE, Italia LON. 17.89700 LAT. 40.37080 Individua

Contenuto tra ID reticolo: 35032 34810 35033 34811

Tipo di opera: Opera ordinaria Vita nominale V_N : 100

Classe d'uso: Classe IV

<input type="checkbox"/> SLO-Pvr	<input type="text"/>	Ag	<input type="text"/>	Fo	<input type="text"/>	Tc*	<input type="text"/>
<input checked="" type="checkbox"/> SLD-Pvr	<input type="text" value="63"/>	Ag	<input type="text" value="0.370325"/>	Fo	<input type="text" value="2.44294"/>	Tc*	<input type="text" value="0.391963"/>
<input checked="" type="checkbox"/> SLV-Pvr	<input type="text" value="10"/>	Ag	<input type="text" value="0.720754"/>	Fo	<input type="text" value="2.71561"/>	Tc*	<input type="text" value="0.553341"/>
<input type="checkbox"/> SLC-Pvr	<input type="text"/>	Ag	<input type="text"/>	Fo	<input type="text"/>	Tc*	<input type="text"/>

Struttura dissipativa

Quota di riferimento: <cm> 0 ↻

Quota max della struttura: <cm> 12189.3 ↻

Numero piani edificio:

Coefficiente θ :

Edificio regolare in altezza

Edificio regolare in pianta

Classe B

TABELLA 6: CASO DI SUOLO TIPO "CALCARE"

Categoria del suolo di fondazione			A
Categoria topografica	T1 - Super...	Coeff. amplificazione topografica S_T	1
Accelerazione di picco del terreno $A_g S$: 0.0721 <g>			
<input type="checkbox"/> Applica semplificazioni per bassa sismicità			
<input type="checkbox"/> Tipologia diversa nelle due direzioni sismiche			
	Direzione X		Direzione Y
Tipologia strutturale	acciaio a mensola ...		
Periodo T_1	3.11819		3.11819
Coeff. λ	SLV	1	1
Rapporto di sovraresistenza (α_0/α_1)	1		1
Valore di riferimento del fattore di comportamento (q_0)	2		2
Fattore riduttivo (K_w)	1		1
Fattore di comportamento dissipativo (q)	2		2
Fattore di comportamento non dissipativo (q_{ND})	1.33333		1.33333
Fattore di comportamento per SLD (q_D)	1.33333		1.33333
Fattore di comportamento per sisma verticale (q_v)			1.5
Smorzamento spettro	<%>	5	Visualizza spettri
Angolo di ingresso del sisma			<grad> 0
Tipo di combinazione sismica			30% esteso

TABELLA 7: CASO DI SUOLO TIPO "SABBIE"

Categoria del suolo di fondazione			C
Categoria topografica	T1 - Super...	Coeff. amplificazione topografica S_T	1
Accelerazione di picco del terreno $A_g S$: 0.1077 <g>			
<input type="checkbox"/> Applica semplificazioni per bassa sismicità			
<input type="checkbox"/> Tipologia diversa nelle due direzioni sismiche			
	Direzione X		Direzione Y
Tipologia strutturale	acciaio a mensola ...		
Periodo T_1	3.11819		3.11819
Coeff. λ	SLV	1	1
Rapporto di sovraresistenza (α_0/α_1)	1		1
Valore di riferimento del fattore di comportamento (q_0)	2		2
Fattore riduttivo (K_w)	1		1
Fattore di comportamento dissipativo (q)	2		2
Fattore di comportamento non dissipativo (q_{ND})	1.33333		1.33333
Fattore di comportamento per SLD (q_D)	1.33333		1.33333
Fattore di comportamento per sisma verticale (q_v)			1.5
Smorzamento spettro	<%>	5	Visualizza spettri
Angolo di ingresso del sisma			<grad> 0
Tipo di combinazione sismica			30% esteso

SIMBOLOGIA

T_{CC} = TIPO DI COMBINAZIONE DI CARICO

T_R = PERIODO DI RITORNO

A_G = ACCELERAZIONE ORIZZONTALE MASSIMA AL SITO

F_0 = VALORE MASSIMO DEL FATTORE DI AMPLIFICAZIONE DELLO SPETTRO IN ACCELERAZIONE ORIZZONTALE

T_{C^*} = PERIODO DI INIZIO DEL TRATTO A VELOCITÀ COSTANTE DELLO SPETTRO IN ACCELERAZIONE ORIZZONTALE

S_S = COEFFICIENTE DI AMPLIFICAZIONE STRATIGRAFICA

C_C = COEFFICIENTE FUNZIONE DELLA CATEGORIA DEL SUOLO

1.2. INFORMAZIONI GEOTECNICHE

PER TUTTE LE INFORMAZIONI INERENTI ALLA CARATTERIZZAZIONE GEOTECNICA E LA CAPACITÀ PORTANTE DEI TERRENI DI FONDAZIONE SI RIMANDA ALLA RELAZIONE GEOLOGICA E ALLA RELAZIONE GEOTECNICA E SISMICA, PARTE INTEGRANTE DELLA PRESENTE RELAZIONE GENERALE DI CALCOLO. SI RIPORTA DI SEGUITO LO SCHEMA RIASSUNTIVO DEI TERRENI DI FONDAZIONE NELL'AREA IN OGGETTO.

TABELLA 8: CARATTERISTICHE GEOTECNICHE DEI SUBSTRATI RINVENUTI NEL SITO DI INTERESSE – CALCARE

Strato	ϕ	$E_{statico}$	ν	c	γ
	°	[daN/cm ²]		[daN/cm ²]	[daN/m ³]
1	33	100000	0,35	1,00	2190

TABELLA 9: CARATTERISTICHE GEOTECNICHE DEI SUBSTRATI RINVENUTI NEL SITO DI INTERESSE – SABBIE

Strato	D_r	ϕ	V_p	V_s	$E_{statico}$	ν	c	γ
	[%]	°	[m/s]	[m/s]	[daN/cm ²]		[daN/cm ²]	[daN/m ³]
1	61	29,3	800	339	5600	0,43	0,0	1720

N.B.: CON IL PROGETTO ESECUTIVO SARANNO ESEGUITE INDAGINI GEOGNOSTICHE SU OGNI SITO DI COSTRUZIONE DELLE TORRI EOLICHE, CON RELATIVO APPROFONDIMENTO DEI CARATTERI GEOTECNICI DEI VARI LITOTIPI RISCONTRATI IN QUESTA FASE DI INDAGINE.

1.3. COEFFICIENTI DI SICUREZZA PER CARICHI

I COEFFICIENTI DI MAGGIORAZIONE DEI CARICHI RACCOMANDATI DALL'EURO CODICE APPLICABILE SONO RIPORTATI NELLA SUCCESSIVA TABELLA RIEPILOGATIVA.

1. VERIFICA DI STABILITÀ (RIBALTAMENTO E SCORRIMENTO)

COEFFICIENTE DI MAGGIORAZIONE DEI CARICHI A SFAVORE DELLA SICUREZZA PER RIBALTAMENTO	1,35
COEFFICIENTE DI MAGGIORAZIONE DEI CARICHI A SFAVORE DELLA SICUREZZA PER SCORRIMENTO	1,35
COEFFICIENTE DI MAGGIORAZIONE DEI CARICHI A FAVORE DELLA SICUREZZA	0,9

2. VERIFICA DELLA CAPACITÀ PORTANTE DEL TERRENO (USANDO CARICHI CARATTERISTICI):

COEFFICIENTE DI MAGGIORAZIONE DEI CARICHI	1
---	---

3. VERIFICA STRUTTURALE DEL CEMENTO ARMATO

COEFFICIENTE DI MAGGIORAZIONE PER CARICHI ESTREMI A SFAVORE DELLA SICUREZZA	1,50
COEFFICIENTE DI MAGGIORAZIONE PER CARICHI ESTREMI A FAVORE DELLA SICUREZZA	0,9
COEFFICIENTE DI MAGGIORAZIONE PER CARICHI A SFAVORE DELLA SICUREZZA (PESO PROPRIO)	1,30
COEFFICIENTE DI MAGGIORAZIONE PER CARICHI A FAVORE DELLA SICUREZZA (PESO PROPRIO)	0,9

4. VERIFICA GAP

COEFFICIENTE DI MAGGIORAZIONE	1
-------------------------------	---

5. VERIFICA A FATICA

COEFFICIENTE DI MAGGIORAZIONE PER CARICHI A FATICA	1
--	---

1.4. COEFFICIENTI DI SICUREZZA PER I MATERIALI

I COEFFICIENTI DI MAGGIORAZIONE RACCOMANDATI DALL'EURO CODICE APPLICABILE SONO:

1. VERIFICA DELLA CAPACITÀ PORTANTE DEL TERRENO:

COEFFICIENTE DI SICUREZZA PER I MATERIALI

2,3

2. VERIFICA STRUTTURALE DEL CEMENTO ARMATO:

COEFFICIENTE DI SICUREZZA PER ARMATURA

1,15

COEFFICIENTE DI SICUREZZA PER CEMENTO

1,5

3. GHIERA, BARRE POST-TENSIONATE, CONNETTORI (EC-3, CE-4 E GL):

COEFFICIENTE DI SICUREZZA PER ACCIAIO E BARRE (CARICHI ESTREMI)

1,1

COEFFICIENTE DI SICUREZZA PER ACCIAIO E BARRE (CARICHI A FATICA)

1,25

COEFFICIENTE DI SICUREZZA PER CONNETTORI

1,25

2. DESCRIZIONE DEL MODELLO

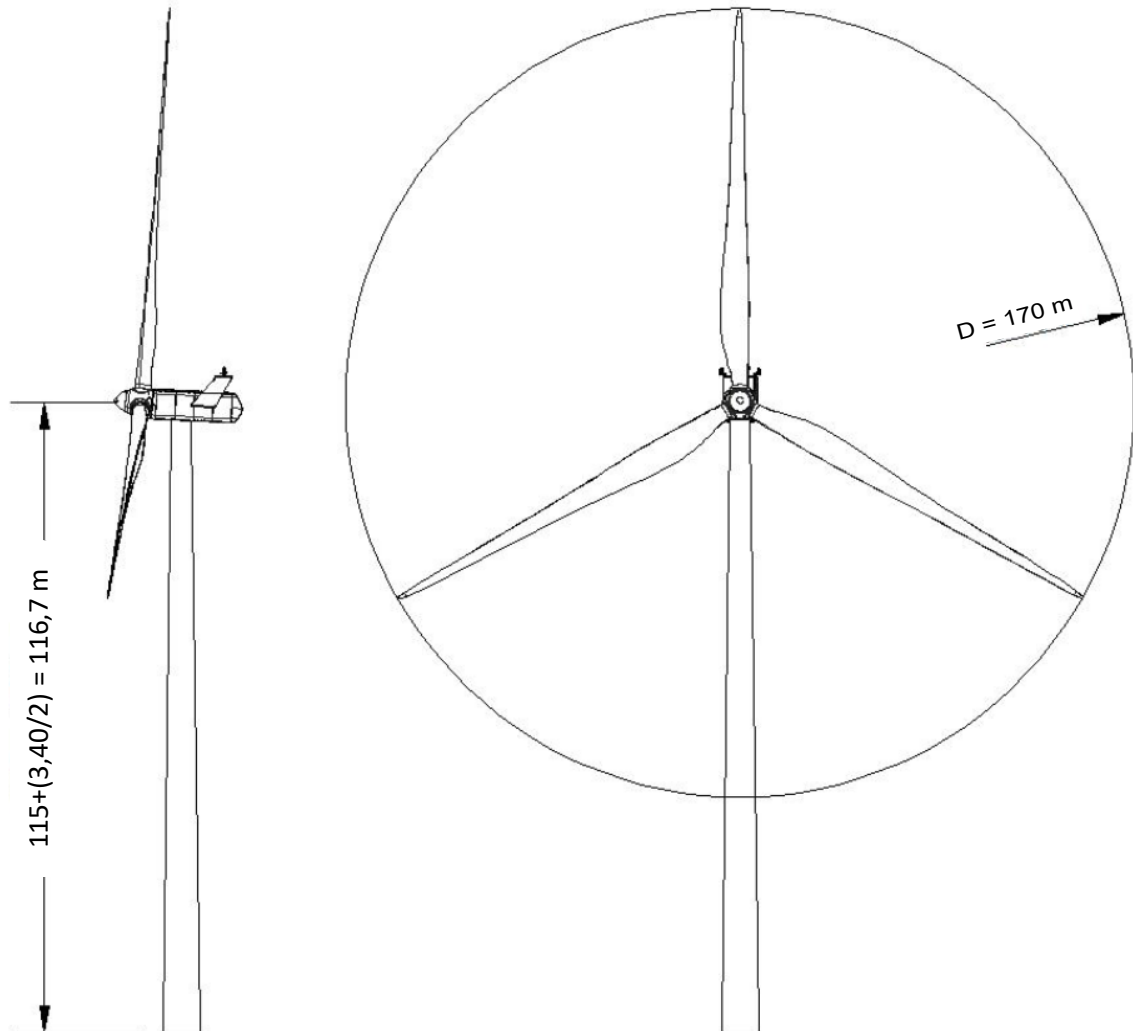


FIGURA 4: SCHEMA E DIMENSIONI DELLA TORRE EOLICA

2.1. FONDAZIONI

PER I TERRENI CLASSIFICATI COME ROCCE, LE TORRI EOLICHE POSSONO RICHIEDERE FONDAZIONI DI TIPO DIRETTO O INDIRETTO COSTITUITE DA:

- FONDAZIONI DIRETTE
 - o PLINTI DI BASE, RAPPRESENTATE DA PLINTI TRONCOCONICI, IN CUI VIENE GENERALMENTE ANNEGATA LA VIOLA DI FONDAZIONE DELLA TORRE IN ACCIAIO;
- FONDAZIONI INDIRETTE

- PLINTI DI BASE, RAPPRESENTATE DA PLINTI TRONCOCONICI, IN CUI VIENE GENERALMENTE ANNEGATA LA VIOLA DI FONDAZIONE DELLA TORRE IN ACCIAIO;
- N. 10 PALI CON DIAMETRO E LUNGHEZZA DA DETERMINARE CASO PER CASO IN FUNZIONE DELLE ANOMALIE GEOTECNICHE RISCOSTRATE NEL CORSO DELLE INDAGINI DI DETTAGLIO SVILUPPATE PER LA REDAZIONE DEL PROGETTO ESECUTIVO.

PER I TERRENI CLASSIFICATI COME SABBIE, LE TORRI EOLICHE RICHIEDONO FONDAZIONI DI TIPO INDIRETTO COSTITUITE DA:

- PLINTI DI BASE, RAPPRESENTATE DA PLINTI TRONCOCONICI, IN CUI VIENE GENERALMENTE ANNEGATA LA VIOLA DI FONDAZIONE DELLA TORRE IN ACCIAIO;
- N. 10 PALI $\phi 1000$ MM E LUNGHEZZA 30 M.

DISCRIMINANTE SULLA SCELTA DELLA TIPOLOGIA DI FONDAZIONE, NEL CASO DI TERRENI CLASSIFICATI COME ROCCE (CALCARI) È LA CARATTERIZZAZIONE DEL TERRENO DI FONDAZIONE SU OGNI SINGOLA POSIZIONE DI INSTALLAZIONE, STUDIO CHE PUÒ IDENTIFICARE IN MANIERA UNIVOCA LA MORFOLOGIA DEL TERRENO FONDALE (COMPATTEZZA, RESISTENZA, PRESENZA DI CAVITÀ CARSIICHE O CARATTERI LEGATI A TALE FENOMENO FISICO).

CON QUESTO PROGETTO SI INTENDE FORNIRE AL COMMITTENTE E ALL'ENTE INCARICATO DELLA VALUTAZIONE TUTTE LE INFORMAZIONI NECESSARIE A DETERMINARE LA GIUSTA SCELTA IN FASE DI PROGETTO ESECUTIVO, SVILUPPANDO ENTRAMBE LE SOLUZIONI TECNICHE SU ELENCAATE.

SI OSSERVA INFINE CHE QUANTO DETERMINATO NELLA PRESENTE RELAZIONE È FRUTTO DELLE INDAGINI GEOGNOSTICHE INDIRETTE CONDOTTE PER LA PRESENTE FASE PROGETTUALE. LA TIPOLOGIA DI FONDAZIONE IN FASE ESECUTIVA PUÒ SUBIRE SOSTANZIALI MODIFICHE IN FUNZIONE DELLE INDAGINI GEOGNOSTICHE DIRETTE CHE SARANNO ESEGUITE IN FASE DI PROGETTAZIONE ESECUTIVA.

NEL CASO IN ESAME, IN PRIMA APPROSSIMAZIONE, SARANNO CONSIDERATE FONDAZIONI DEL TIPO:

- TERRENO COSTITUITO DA ROCCIA CALCARE
 - FONDAZIONE DIRETTA DEL DIAMETRO DI 24 M, ALTEZZA VARIABILE DA CIRCA 1,95 M A CIRCA 3,50 (IN CORRISPONDENZA DELL'ATTACCO VIOLA – TORRE IN ACCIAIO);
- TERRENO COSTITUITO DA SABBIE
 - FONDAZIONE INDIRETTA CON PLATEA SUPERIORE DEL DIAMETRO DI 24 M, ALTEZZA VARIABILE DA CIRCA 1,95 M A CIRCA 3,50 (IN CORRISPONDENZA DELL'ATTACCO VIOLA – TORRE IN ACCIAIO) E N. 10 PALI DI FONDAZIONE PALI $\phi 1000$ MM E LUNGHEZZA 30 M.

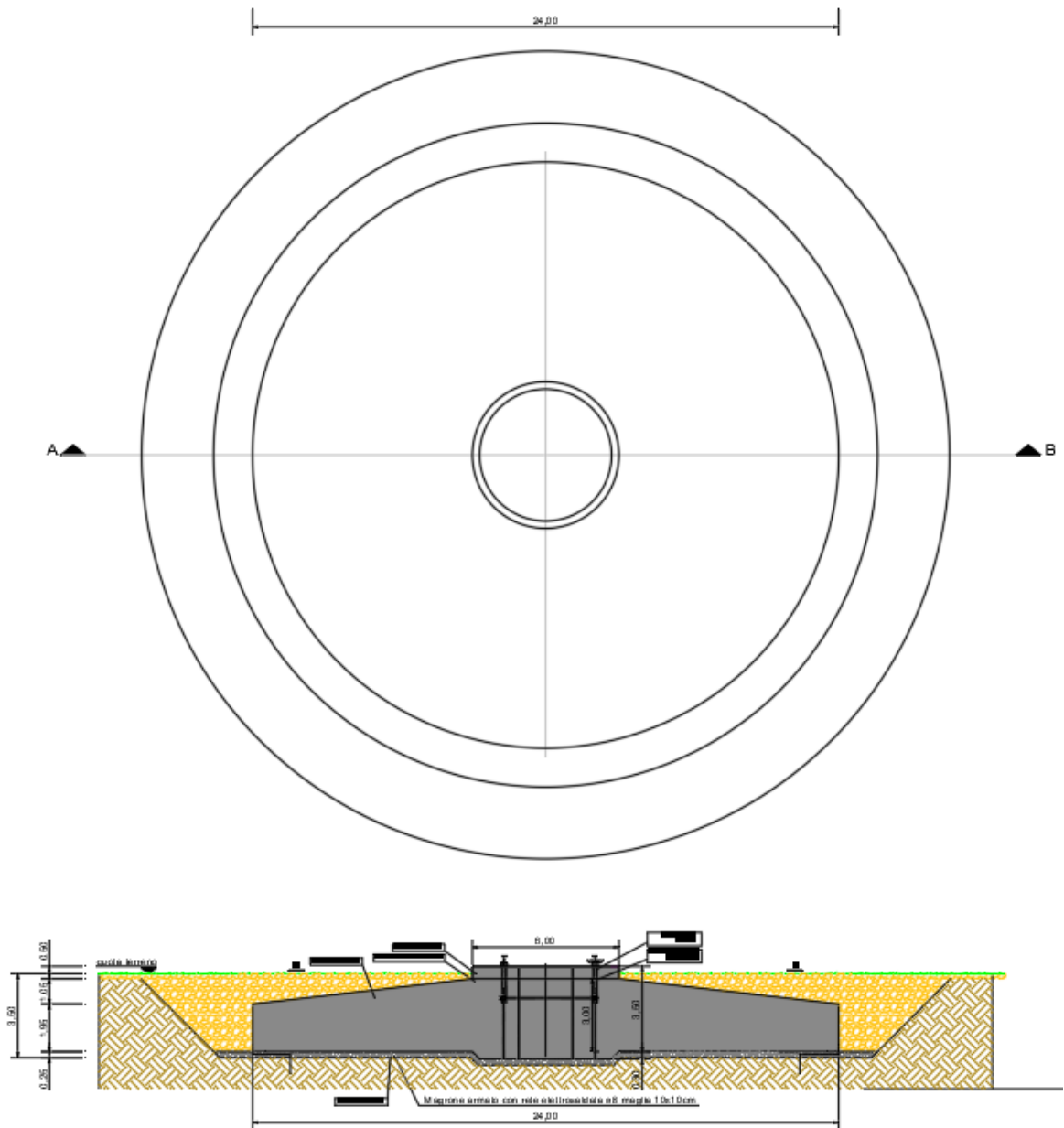


FIGURA 5: FONDAZIONE DIRETTA – PLATEA IN SEZIONE E CARPENTERIA

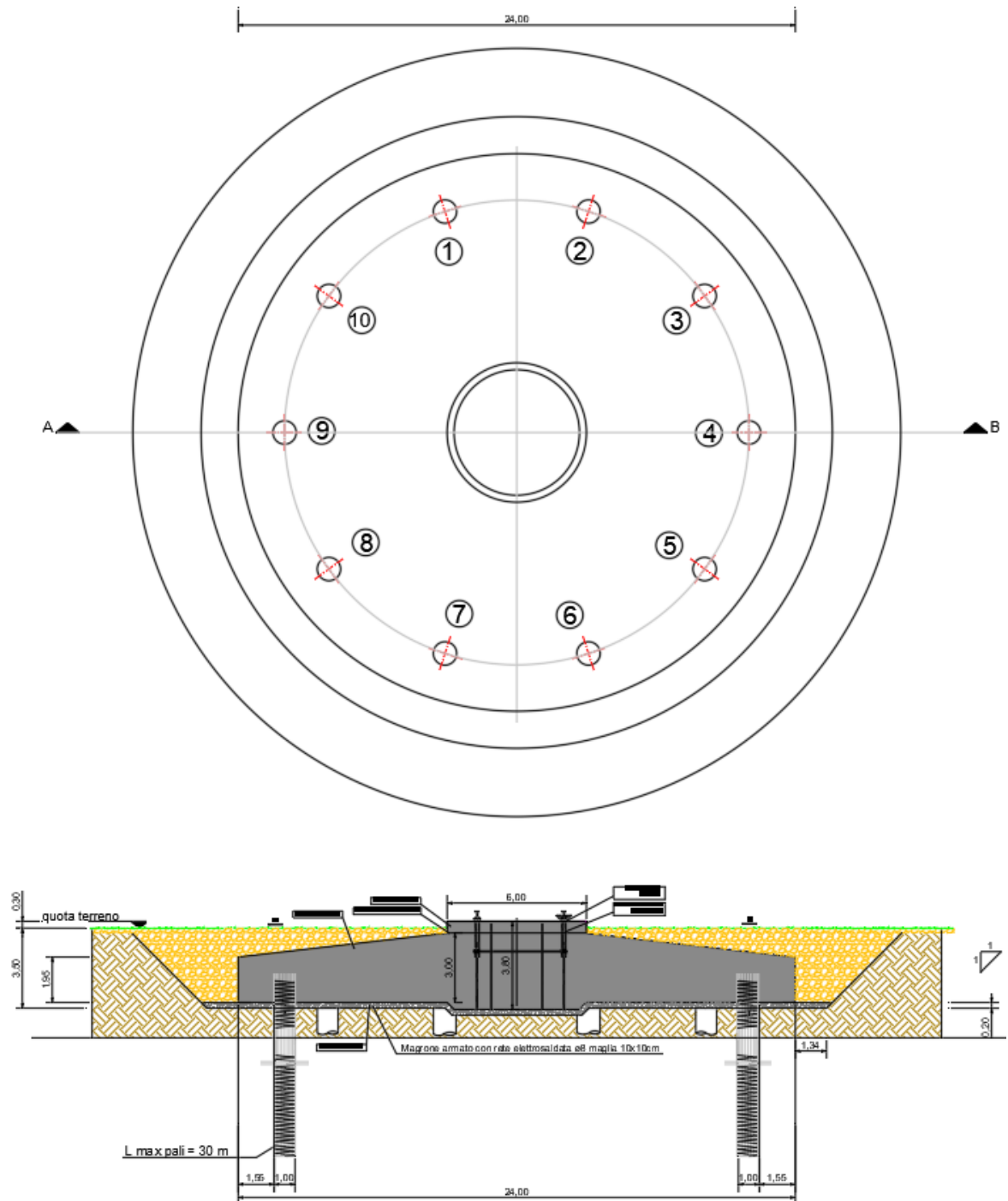


FIGURA 6: FONDAZIONE INDIRECTA - PLATEA E PALI IN SEZIONE E CARPENTERIA

2.1.1. VERIFICA AL RIBALTAMENTO

LA VERIFICA "A STABILITÀ AL RIBALTAMENTO", RAPPRESENTA IL PRIMO STEP PER IL CORRETTO PRE-DIMENSIONAMENTO DELLE STRUTTURE DI FONDAZIONE PER LE TORRI EOLICHE. FACENDO RIFERIMENTO ALLO SCHEMA IN FIGURA 5, NELLA SUCCESSIVA TABELLA 6 È RIPORTATA LA VERIFICA A RIBALTAMENTO.

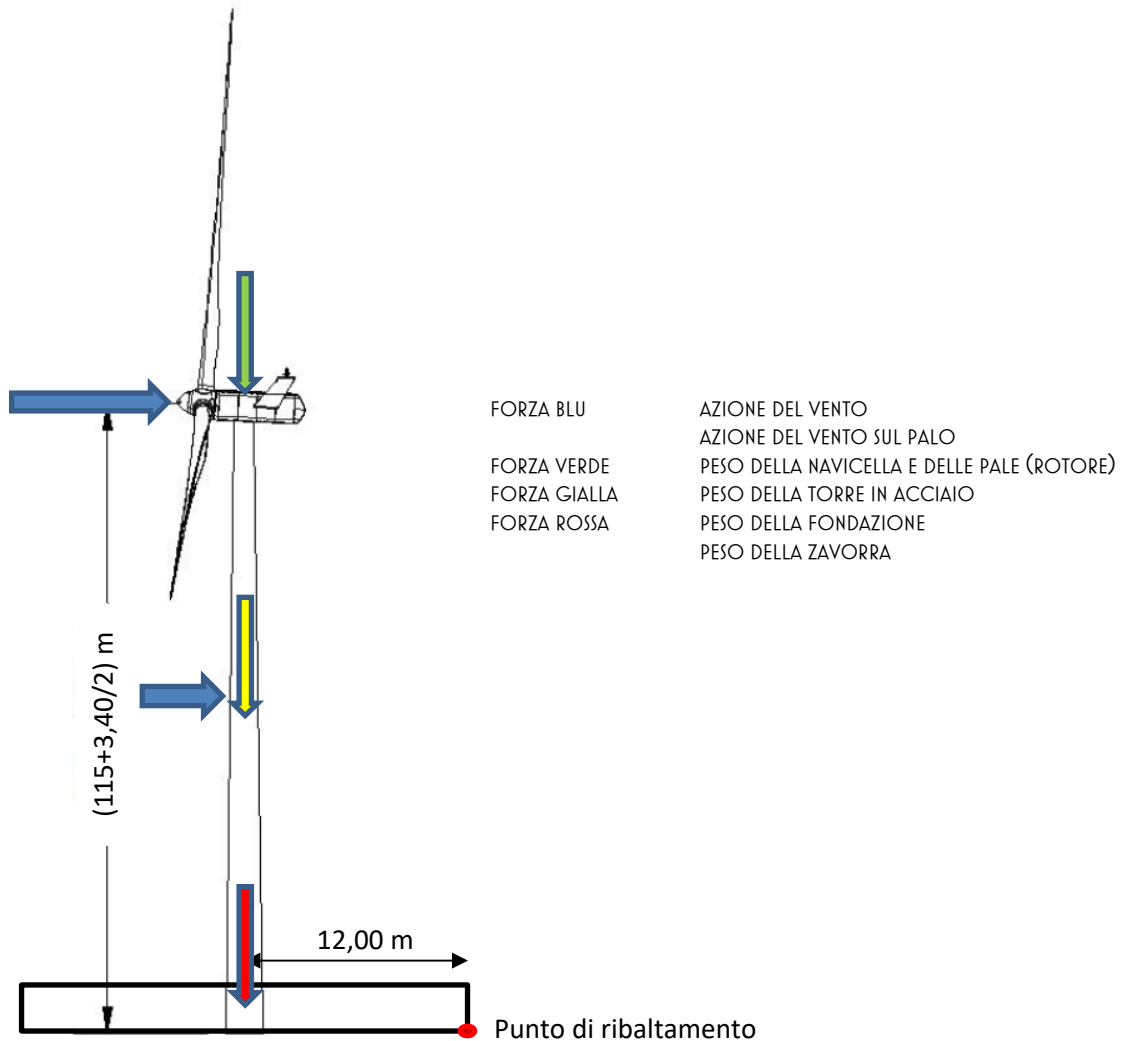


FIGURA 5: SCHEMA STATICO PER LA VERIFICA A RIBALTAMENTO

TABELLA IO

Fondazione							
Plinto							
R₁	H_{1a}	H_{1b}	R₂	H₂	γ_c	γ_z	H_T
[m]	[m]	[m]	[m]	[m]	[daN/m ³]	[daN/m ³]	[m]
12.00	1.95	1.05	3.00	0.50	2500	1000	3.50
	3.00						
VOLUME CALCESTRUZZO 01			V ₁	882.16		[m ³]	
VOLUME CALCESTRUZZO 02			V ₂	207.82		[m ³]	
VOLUME CALCESTRUZZO 03			V ₃	14.14			
VOLUME TOTALE CALCESTRUZZO			V_c	1104.11		[m ³]	
							2760282 [daN] Peso plinto
VOLUME ZAVORRA			V _z	253.06			
							253055 [daN] Peso zavorra
Verifica al Ribaltamento							
MOMENTO RIBALTANTE:		$M_{rd} = 1,5 * M_{res} + 1.5 * F_{res} * h$					
MOMENTO STABILIZZANTE:		$M_{sd} = W * R_1 + F_z * R_1$					
Momento Ribaltante	M_{rd}	175862	kNm				
Momento Stabilizzante	M_{sd}	397013	kNm	2.26	Verificato!		

2.1.2. MODELLO FEM

LE ANALISI NUMERICHE DA CUI SONO STATI DEDOTTI I VALORI DELLE SOLLECITAZIONI DI PROGETTO DI SEGUITO RIPORTATE SONO IL RISULTATO DELL'ANALISI SVOLTA CON L'AUSILIO DEL SOFTWARE DI MODELLAZIONE E VERIFICA "MODEST VER. 8.25" E CON IL SOFTWARE DI CALCOLO NUMERICO "XFINEST 2014 VER. 2021". TUTTI I DETTAGLI DELLE VERIFICHE SONO RIPORTATI NELL'ALLEGATO TABULATO DI CALCOLO.

IL MODELLO DI CALCOLO RIPRODUCE LE IPOTESI PROGETTUALI RAPPRESENTATE DA:

- UNA TORRE IN ACCIAIO COSTITUITA DA UN ELEMENTO TRONCOCONICO CHE SI RASTREMA VERSO L'ALTO;

- UNA FONDAZIONE TRONCO CONICA (DI ALTEZZA MINIMA PARI A 1950 MM E MASSIMA PARI A 3500 MM, CON DIAMETRO DI 24000 MM), CHE ACCOGLIE SULLA SUA SOMMITÀ IL CONCIO (O PIASTRE) DI FONDAZIONE IN ACCIAIO;
- NEL CASO DI SABBIE, N. 10 PALI TRIVELLATI DEL DIAMETRO ϕ 1000 MM E LUNGHEZZA TOTALE $L=30000$ MM.

IL COMPORTAMENTO DELLA FONDAZIONE PIANA È STATO ANALIZZATO ATTRAVERSO UN MODELLO A ELEMENTI FINITI (FEM) COMPOSTO DA:

- ASTE CILINDRICHE CHE SI RASTREMANO VERSO LA SOMMITÀ DELLA TORRE;
- ELEMENTI BIDIMENSIONALI DI SPESSORE VARIABILE CHE SIMULANO LA FORMA TRONCOCONICA DEL PLINTO DI BASE;
- N. 10 PALI VINCOLATI AL PLINTO TRONCO CONICO.



FIGURA 7: MODELLO SOLIDO DEL COMPLESSO TORRE IN ACCIAIO / BLOCCO DI FONDAZIONE CASO SOLO PLATEA E CASO PLATEA CON PALI

IL CEMENTO ARMATO È STATO SCHEMATIZZATO COME UN MATERIALE OMOGENEO, ISOTROPO A COMPORTAMENTO ELASTICO E LINEARE CON LE SEGUENTI CARATTERISTICHE MECCANICHE:

$$E = 3250 * \sqrt[3]{f_{ck,j}} + 14000 = 3250 * \sqrt[3]{30MPa} + 14000 = 28580 * 10^6 N / m^2$$

$$\mu = 0.2$$

I MODELLI STUDIATI PER QUESTA FASE PROGETTUALE SONO INDICATO COME:

- ST_001-A1 - TORRE FONDATA SU TERRENI DI TIPO CALCARE, LA CUI STRUTTURA DI FONDAZIONE È COSTITUITA DA FONDAZIONI "DIRETTE", PLATEA DI FONDAZIONE TRONCO CONICA DEL DIAMETRO DI 23000 MM;
- ST_001-A2 - TORRE FONDATA SU TERRENI DI TIPO SABBIE, LA CUI STRUTTURA DI FONDAZIONE È COSTITUITA DA FONDAZIONI "INDIRETTE", N. 10 PALI DIAMETRO 1000 MM E LUNGHEZZA 30000 MM, VINCOLATI A UNA PLATEA DI FONDAZIONE TRONCO CONICA DEL DIAMETRO DI 23000 MM.

2.2. CONDIZIONI AL CONTORNO

SI RIPORTANO NEL PRESENTE PARAGRAFO LE CONDIZIONI AL CONTORNO APPLICATE PER SIMULARE GLI EFFETTI DEL COMPORTAMENTO NON LINEARE DEL TERRENO A CUI È VINCOLATA LA FONDAZIONE DIRETTA.

IL TERRENO DI FONDAZIONE È STATO SCHEMATIZZATO SECONDO LA TEORIA DEL WINKLER.

IL PESO DEL TERRENO DI RIEMPIMENTO (DENOMINATO **ZAVORRA**) È STATO APPLICATO COME CARICO DISTRIBUITO NELLA PARTE SOVRASTANTE L'AREA DELLA FONDAZIONE PIANA; IL PESO SPECIFICO MINIMO PRESCRITTO PER TALE MATERIALE È DI 1000 DAN/M³.

LA SPINTA ORIZZONTALE AGENTE SULLE AREE VERTICALI DELLA FONDAZIONE NON È STATA CONSIDERATA PERCHÉ QUESTO CARICO È EQUILIBRATO DALLA FONDAZIONE PIANA.

UNA STRUTTURA AUSILIARIA, DI RIGIDEZZA ADEGUATA, PERMETTE DI APPLICARE I CARICHI DELL'AEROGENERATORE (FORZE E MOMENTI) ALLA STRUTTURA DI FONDAZIONE. CON QUESTA STRUTTURA È STATO OTTENUTO UN MODELLO PIÙ ACCURATO DEL SISTEMA STRUTTURA / FONDAZIONE.

2.3. CARICHI APPLICATI

I CARICHI APPLICATI SONO SINTETIZZATI IN QUANTO SEGUE.

- PESO PROPRIO DEL CALCESTRUZZO ARMATO 2500 DAN/M³
- PESO PROPRIO DEL RIEMPIMENTO 1000 DAN/M³

- I CARICHI ESTERNI PROVENIENTI DALLA TORRE E DALL'AEROGENERATORE (FORZE E MOMENTI), SONO APPLICATI ATTRAVERSO LA STRUTTURA AUSILIARIA CHE TRASMETTE I CARICHI DAL NODO CENTRALE AI NODI DI INTERFACCIA

2.4. CONDIZIONI DI CARICO ELEMENTARE

CCE	Commento	Tipo CCE	Sic.	Var.	Peso	C. A.	Dir.	Tipo	s	Mx	My	Mz	Jpx	Jpy	Jpz
1	peso proprio struttura	1 D.M. 08 Permanenti	a sfavore		<input checked="" type="checkbox"/>	P			1.00	1.0	1.0	0.0	0.0	0.0	1.0
2	peso navicella	2 D.M. 08 Permanenti	a sfavore		<input type="checkbox"/>				1.00	1.0	1.0	0.0	0.0	0.0	1.0
3	vento navicella	10 D.M. 08 Variabili	a sfavore	di base	<input type="checkbox"/>				1.00	1.0	1.0	0.0	0.0	0.0	1.0
4	vento torre	10 D.M. 08 Variabili	a sfavore	di base	<input type="checkbox"/>				1.00	1.0	1.0	0.0	0.0	0.0	1.0
5	neve navicella	11 D.M. 08 Variabili N	a sfavore	di base	<input type="checkbox"/>				1.00	1.0	1.0	0.0	0.0	0.0	1.0
6	zavorra	1 D.M. 08 Permanenti	a sfavore		<input type="checkbox"/>				1.00	1.0	1.0	0.0	0.0	0.0	1.0

L'AZIONE DEI CARICHI SU CITATI È STATA APPLICATA LUNGO UNA SOLA DIREZIONE PRINCIPALE:

- CONSIDERATO CHE LA GEOMETRIA DELLA FONDAZIONE È CIRCOLARE NEL CASO DI FONDAZIONE DIRETTA;
- CHE COINCIDE, NEL CASO DI PALI DI FONDAZIONE CON L'ALLINEAMENTO "CENTRO FONDAZIONE – PALO DI FONDAZIONE" (CONDIZIONE CHE PRODUCE LA MASSIMA SOLLECITAZIONE SULLA FONDAZIONE INDIRETTA).

2.5. COMBINAZIONI DI CARICO

NELLA TABELLA DI SEGUITO RIPORTATA SONO INDICATE LE COMBINAZIONI DI CARICO ADOTTATE PER IL CALCOLO E LA VERIFICA DEL MODELLO STRUTTURALE.

CC	Commento	TCC	An.	Bk	1	2	3	4	5	6	SX	SY
1	Amb. 1 (SLU S) S +	SLV+SND	L		1.00	1.00	0.00	0.00	0.00	1.00	1.00	0.30
2	Amb. 1 (SLE) S +X+	SLD	L		1.00	1.00	0.00	0.00	0.00	1.00	1.00	0.30
3	Amb. 1 (SLU S) S +	SLV+SND	L		1.00	1.00	0.00	0.00	0.00	1.00	1.00	-0.30
4	Amb. 1 (SLE) S +X-	SLD	L		1.00	1.00	0.00	0.00	0.00	1.00	1.00	-0.30
5	Amb. 1 (SLU S) S -	SLV+SND	L		1.00	1.00	0.00	0.00	0.00	1.00	-1.00	0.30
6	Amb. 1 (SLE) S -X+	SLD	L		1.00	1.00	0.00	0.00	0.00	1.00	-1.00	0.30
7	Amb. 1 (SLU S) S -	SLV+SND	L		1.00	1.00	0.00	0.00	0.00	1.00	-1.00	-0.30
8	Amb. 1 (SLE) S -X-	SLD	L		1.00	1.00	0.00	0.00	0.00	1.00	-1.00	-0.30
9	Amb. 1 (SLU S) S +	SLV+SND	L		1.00	1.00	0.00	0.00	0.00	1.00	0.30	1.00
10	Amb. 1 (SLE) S +0.	SLD	L		1.00	1.00	0.00	0.00	0.00	1.00	0.30	1.00
11	Amb. 1 (SLU S) S -	SLV+SND	L		1.00	1.00	0.00	0.00	0.00	1.00	-0.30	1.00
12	Amb. 1 (SLE) S -0.3	SLD	L		1.00	1.00	0.00	0.00	0.00	1.00	-0.30	1.00
13	Amb. 1 (SLU S) S +	SLV+SND	L		1.00	1.00	0.00	0.00	0.00	1.00	0.30	-1.00
14	Amb. 1 (SLE) S +0.	SLD	L		1.00	1.00	0.00	0.00	0.00	1.00	0.30	-1.00
15	Amb. 1 (SLU S) S -	SLV+SND	L		1.00	1.00	0.00	0.00	0.00	1.00	-0.30	-1.00
16	Amb. 1 (SLE) S -0.3	SLD	L		1.00	1.00	0.00	0.00	0.00	1.00	-0.30	-1.00
17	Amb. 2 (SLU)	SLU	L		1.30	1.50	1.50	1.50	1.50	1.30	0.00	0.00
18	Amb. 2 (SLE R)	SLE R	L		1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
19	Amb. 2 (SLE F)	SLE F	L		1.00	1.00	0.20	0.20	0.20	1.00	0.00	0.00
20	Amb. 2 (SLE Q)	SLE Q	L		1.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00

2.6. MATERIALI

I MATERIALI PREVISTI PER LA REALIZZAZIONE DELLA STRUTTURA DI FONDAZIONE SONO:

- CALCESTRUZZO C28/35 PER PALI TRIVELLATI
- CALCESTRUZZO C35/45 PER PLATEA DI FONDAZIONE
- CALCESTRUZZO C50/60 PER CILINDRO DI APPOGGIO DELLA TORRE IN ACCIAIO
- CALCESTRUZZO C110/135 PER INGHISAGGIO DELLA VIOLA DI BASE DELLA TORRE IN ACCIAIO
- ACCIAIO AD ADERENZA MIGLIORATA B450C PER LE STRUTTURE IN CALCESTRUZZO ARMATO
- ACCIAIO DA CARPENTERIA METALLICA S355

3. VERIFICHE STRUTTURALI

3.1. FONDAZIONI DIRETTE – TERRENO CALCARE

3.1.1. VERIFICA DELLA PLATEA DI FONDAZIONE

NEL SEGUITO SI RIPORTA IL PRE-DIMENSIONAMENTO DELLE ARMATURE NECESSARIE A RINFORZARE LA STRUTTURA IN CALCESTRUZZO. IL CALCOLO DETTAGLIATO DELLE SOLLECITAZIONI AGENTI SULLA PLATEA DI FONDAZIONE È DETTAGLIATAMENTE RIPORTATA NELL'ALLEGATO TABULATO DI CALCOLO ALLA PRESENTE RELAZIONE.

3.1.1.1 SOLLECITAZIONI FLETTENTI AGENTI SULLA STRUTTURA DI FONDAZIONE E VERIFICHE

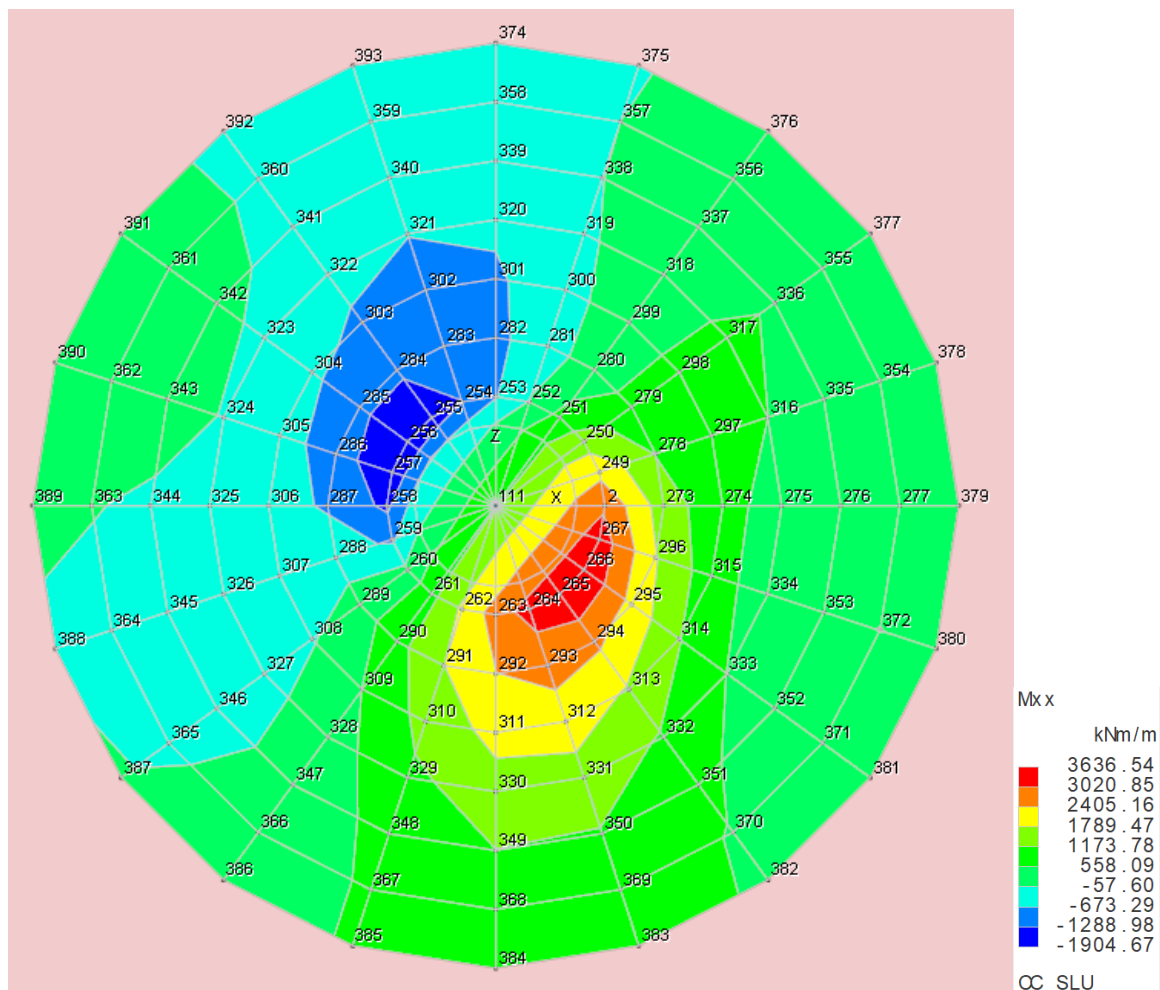


FIGURA 8: DIAGRAMMA DEI MOMENTI CHE PROVOCANO TENSIONI NORMALI IN DIREZIONE X SU FACCE CON NORMALE X

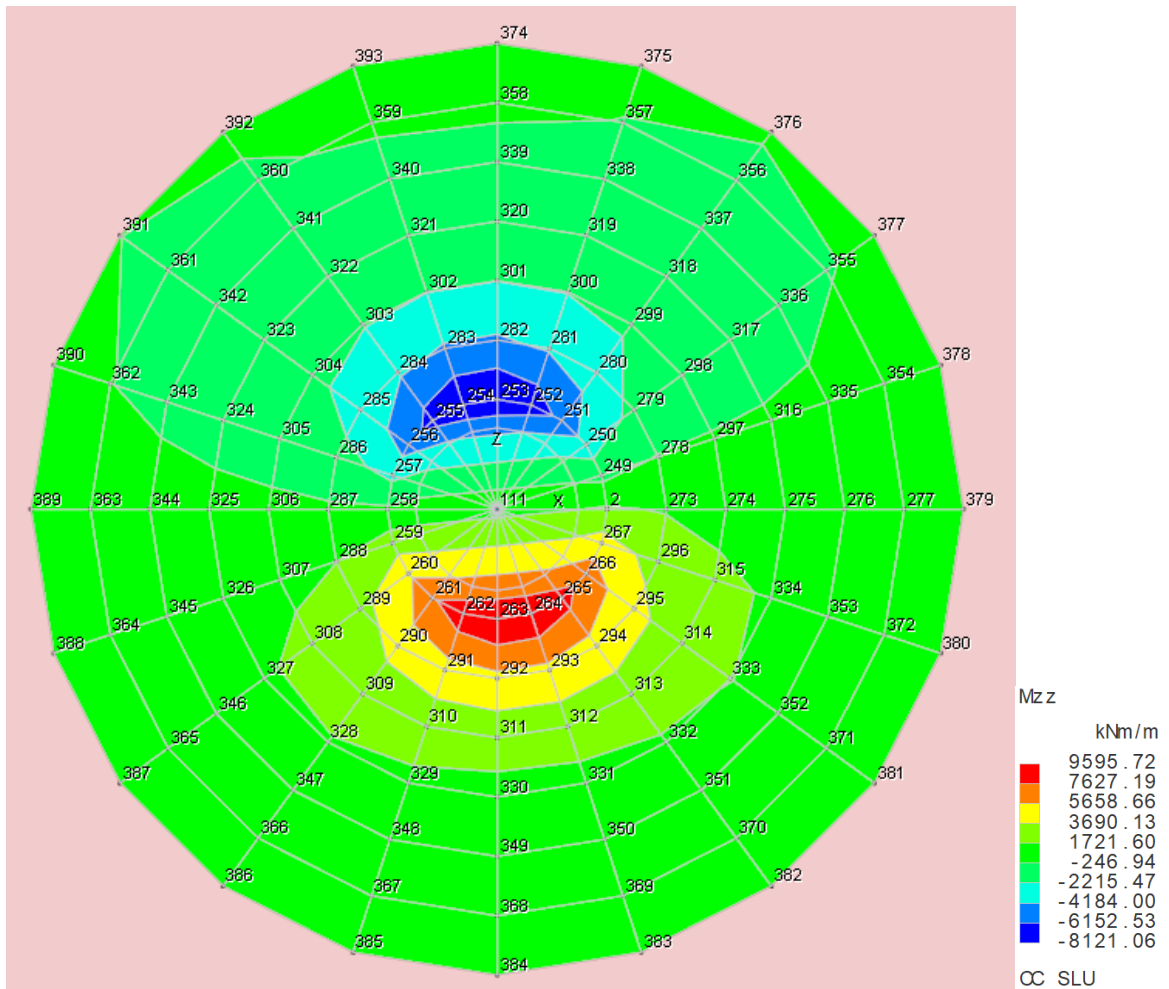


FIGURA 9: DIAGRAMMA DEI MOMENTI CHE PROVOCANO TENSIONI NORMALI IN DIREZIONE Z SU FACCE CON NORMALE Z

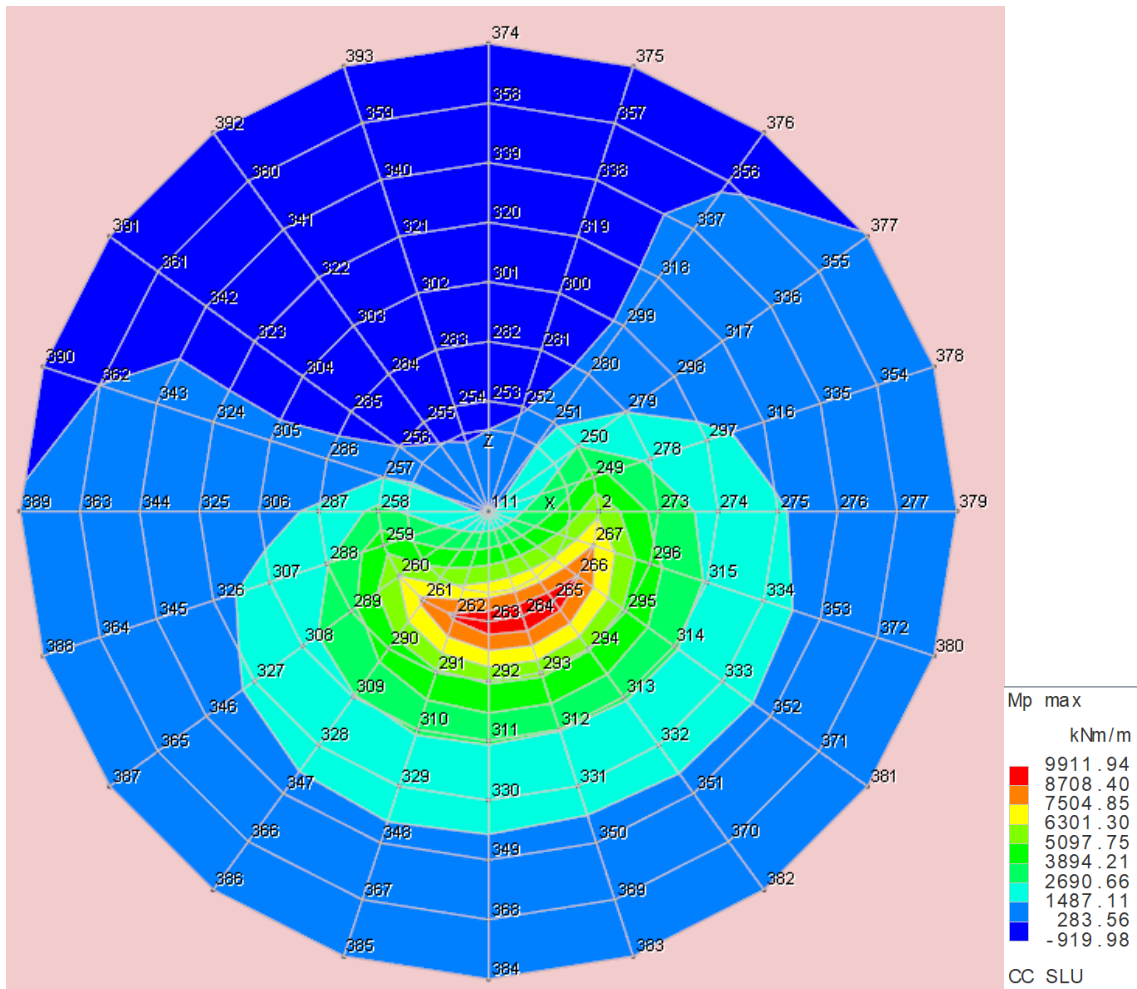


FIGURA IO: DIAGRAMMA DEI MOMENTI PRINCIPALI MASSIMI

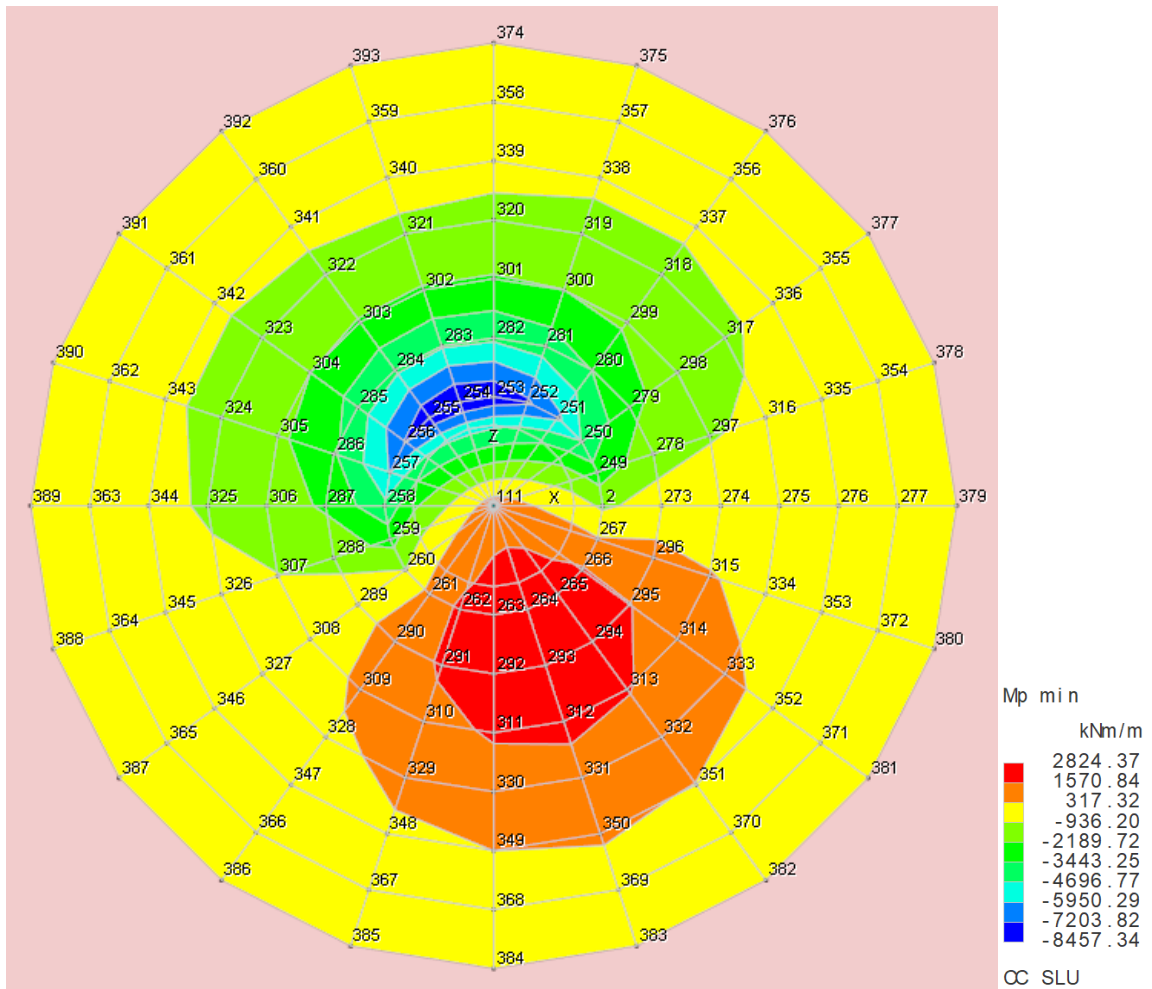


FIGURA II: DIAGRAMMA DEI MOMENTI PRINCIPALI MINIMI

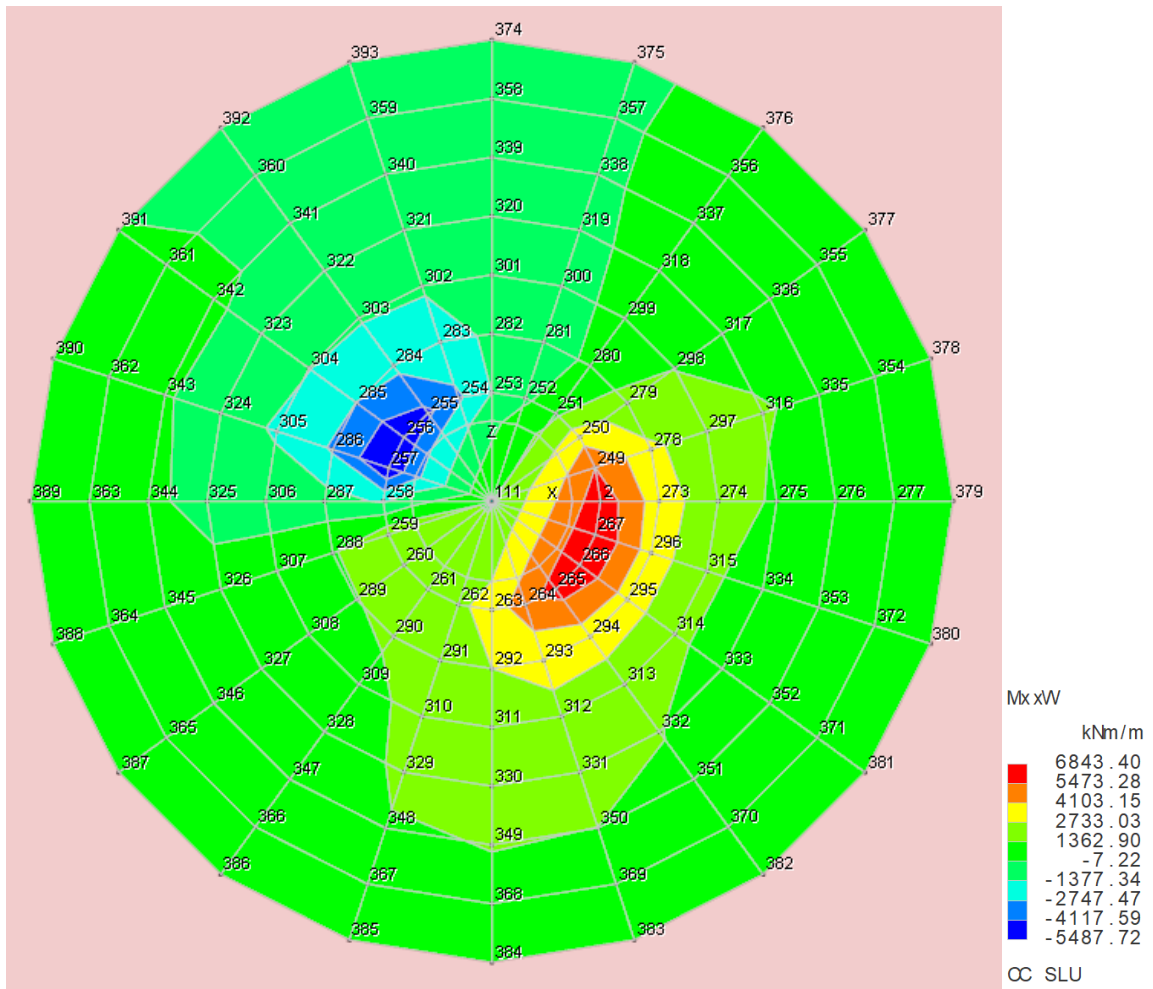


FIGURA I2: DIAGRAMMA DEI MOMENTI DI WOOD IN DIREZIONE X

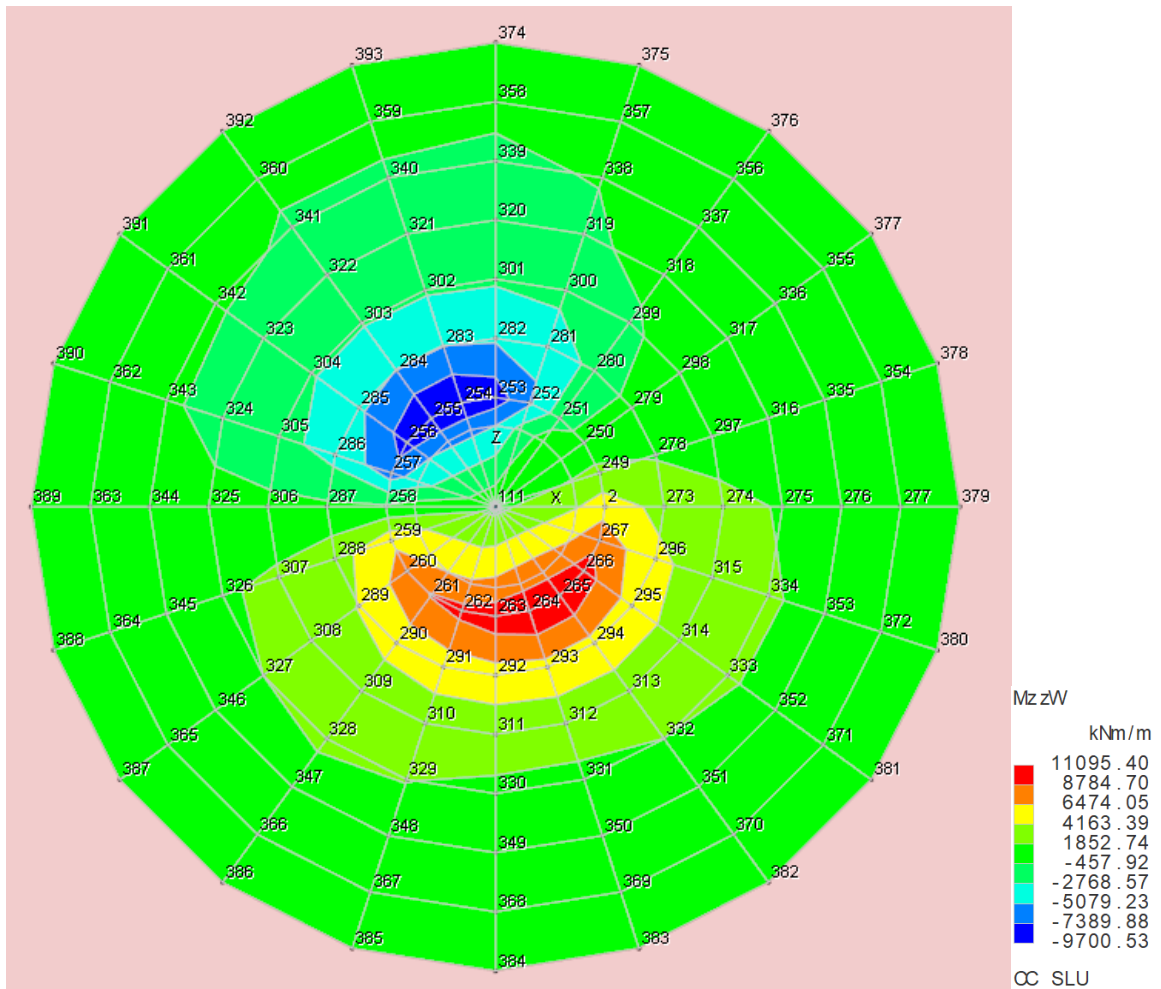


FIGURA I3: DIAGRAMMA DEI MOMENTI DI WOOD IN DIREZIONE Z

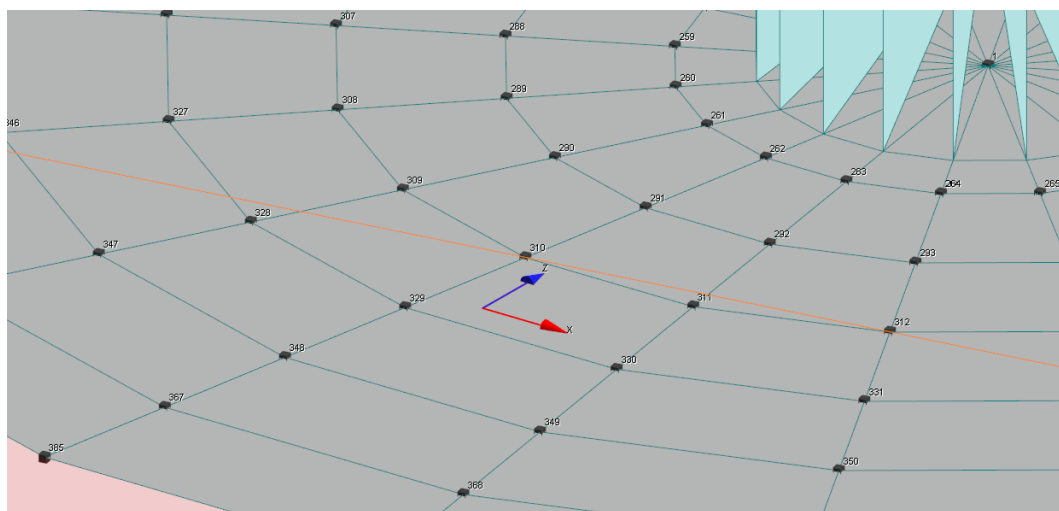


FIGURA I4: DIREZIONE DEGLI ASSI LOCALI PER GLI ELEMENTI BIDIMENSIONALI

3.2. FONDAZIONI INDIRETTE – TERRENO SABBIE

3.2.1. VERIFICA DELLA PLATEA DI FONDAZIONE

NEL SEGUITO SI RIPORTA IL PRE-DIMENSIONAMENTO DELLE ARMATURE NECESSARIE A RINFORZARE LA STRUTTURA IN CALCESTRUZZO. IL CALCOLO DETTAGLIATO DELLE SOLLECITAZIONI AGENTI SULLA PLATEA DI FONDAZIONE È DETTAGLIATAMENTE RIPORTATA NELL'ALLEGATO TABULATO DI CALCOLO ALLA PRESENTE RELAZIONE.

3.2.1.1 SOLLECITAZIONI FLETTENTI AGENTI SULLA STRUTTURA DI FONDAZIONE E VERIFICHE

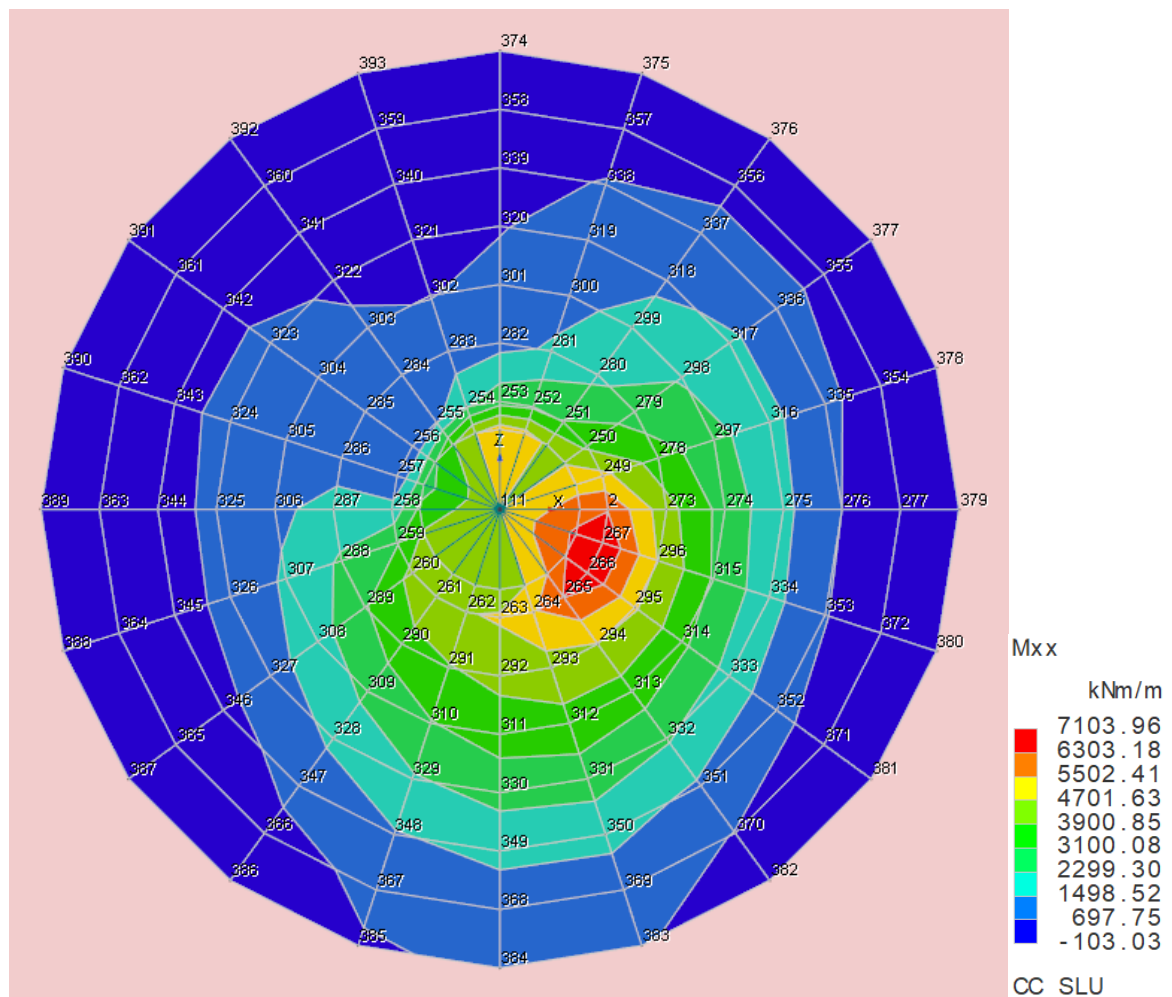


FIGURA 15: DIAGRAMMA DEI MOMENTI CHE PROVOCANO TENSIONI NORMALI IN DIREZIONE X SU FACCE CON NORMALE X

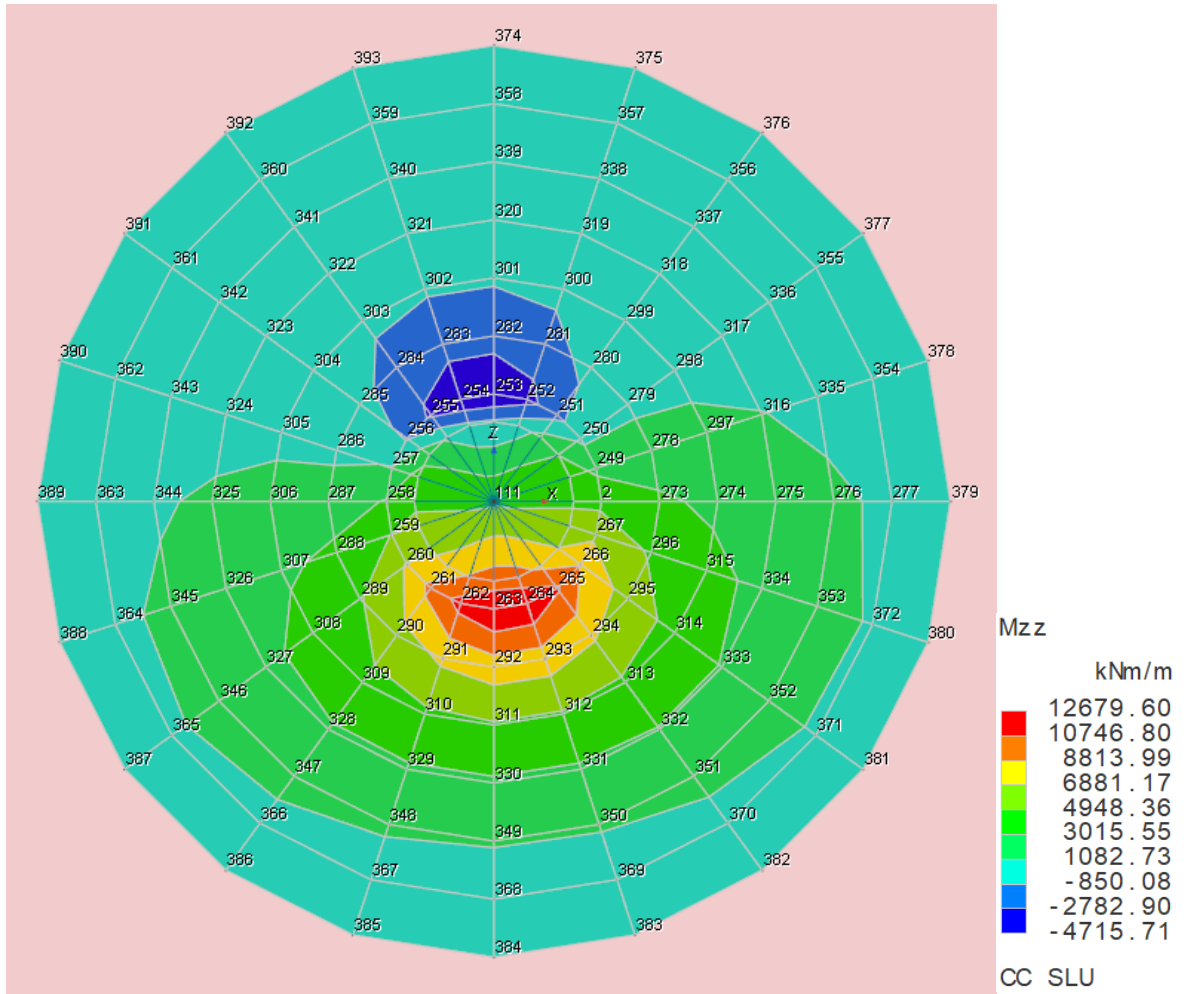


FIGURA 16: DIAGRAMMA DEI MOMENTI CHE PROVOCANO TENSIONI NORMALI IN DIREZIONE Z SU FACCE CON NORMALE Z

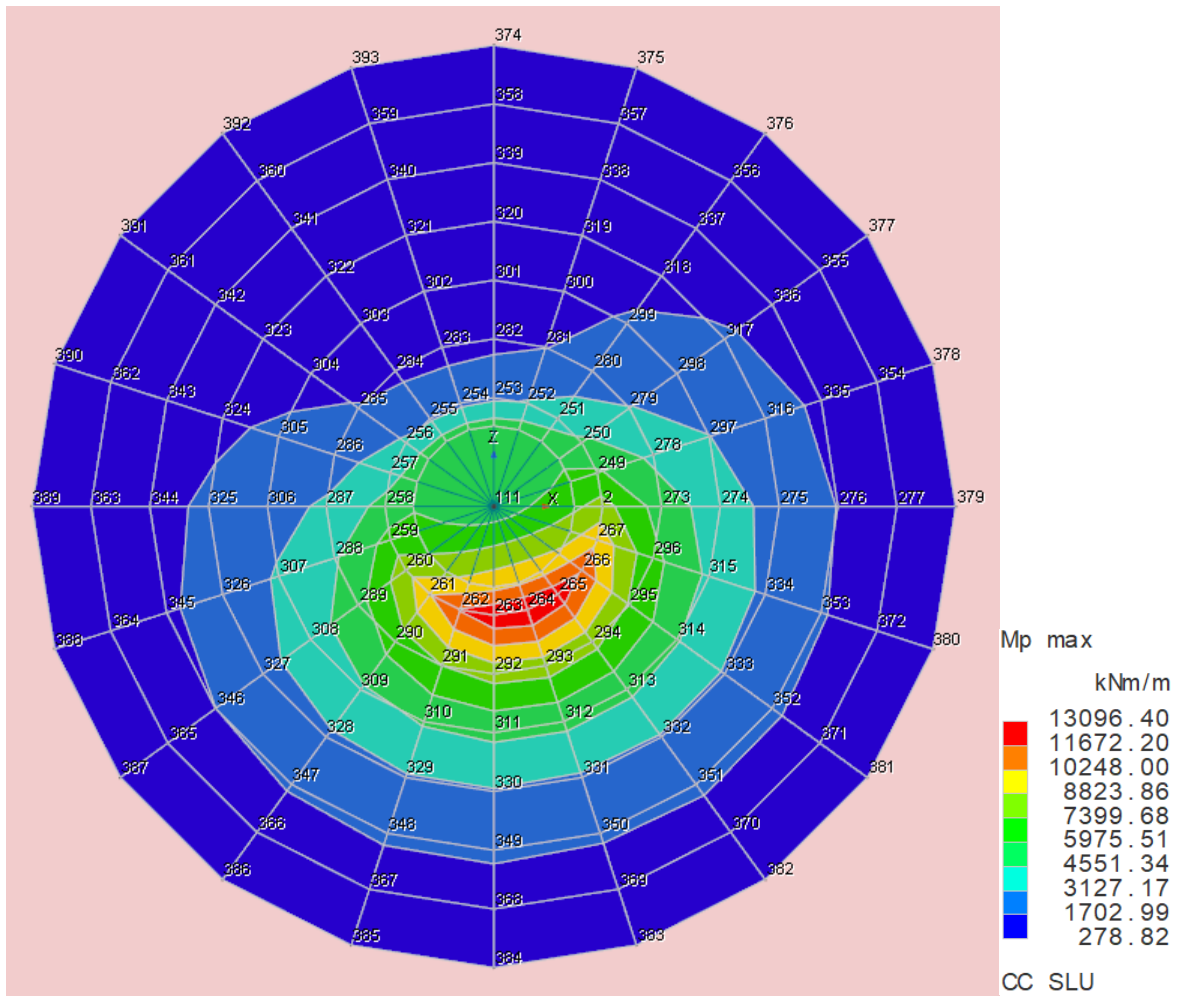


FIGURA 17: DIAGRAMMA DEI MOMENTI PRINCIPALI MASSIMI

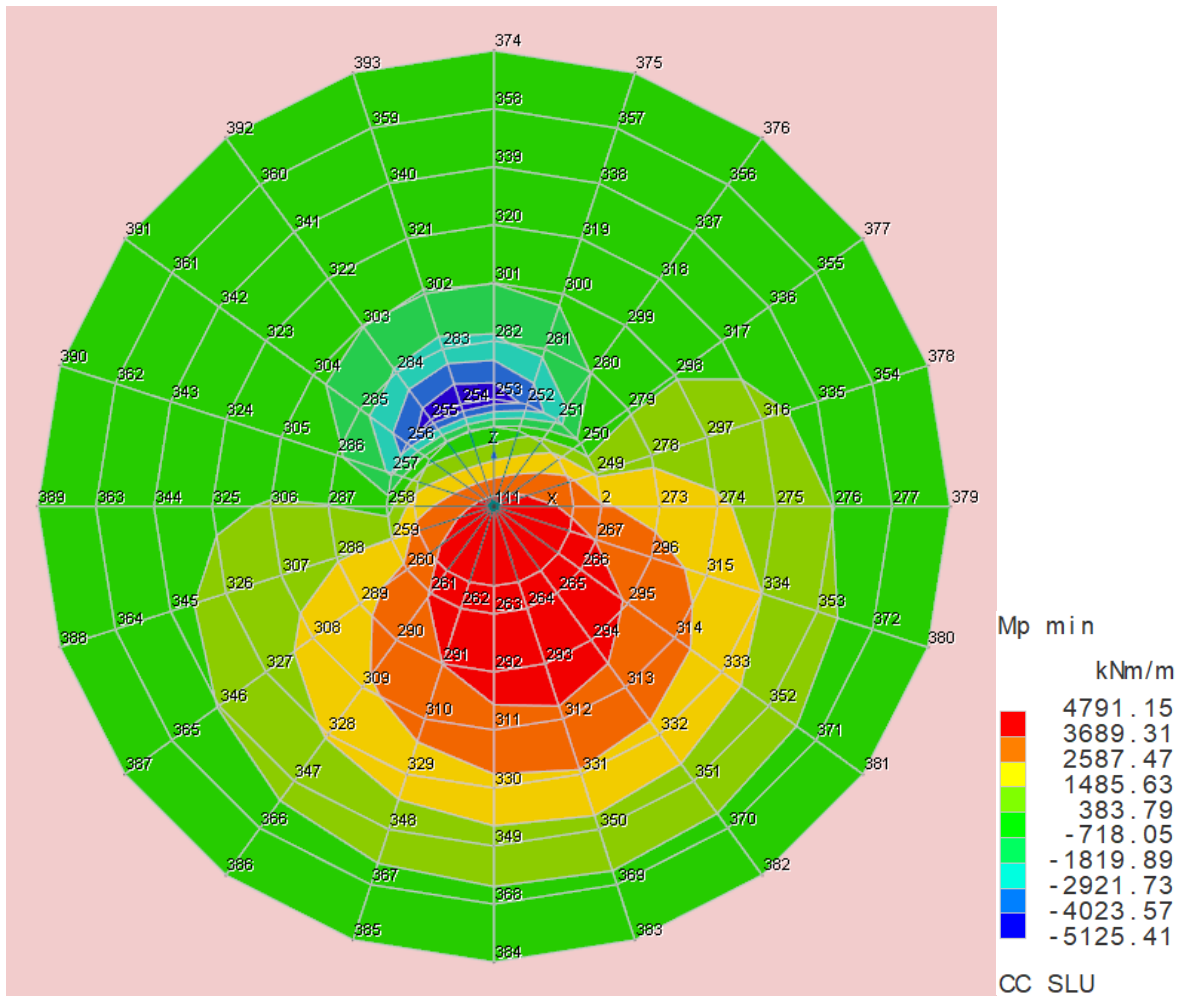


FIGURA 18: DIAGRAMMA DEI MOMENTI PRINCIPALI MINIMI

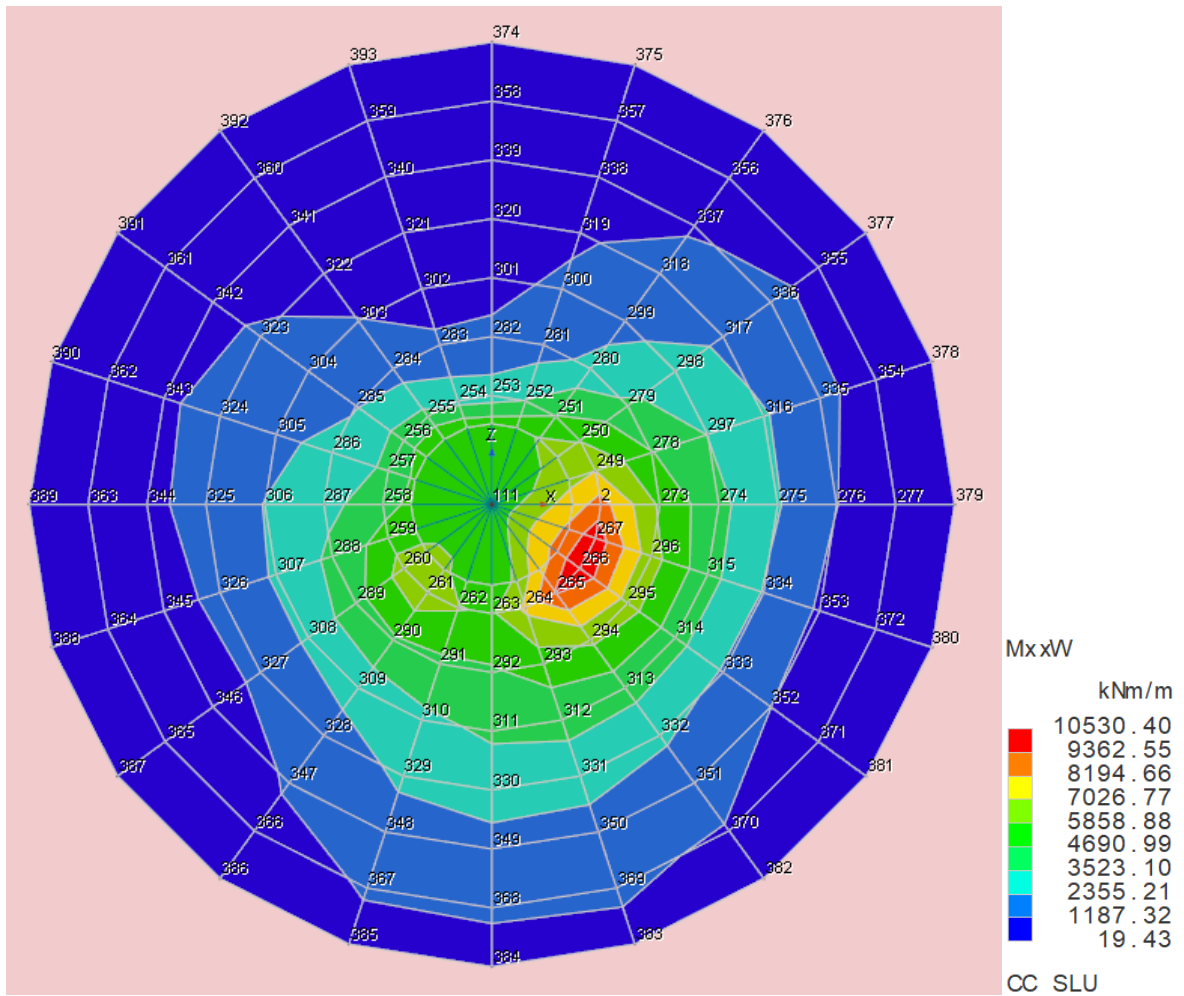


FIGURA 19: DIAGRAMMA DEI MOMENTI DI WOOD IN DIREZIONE X

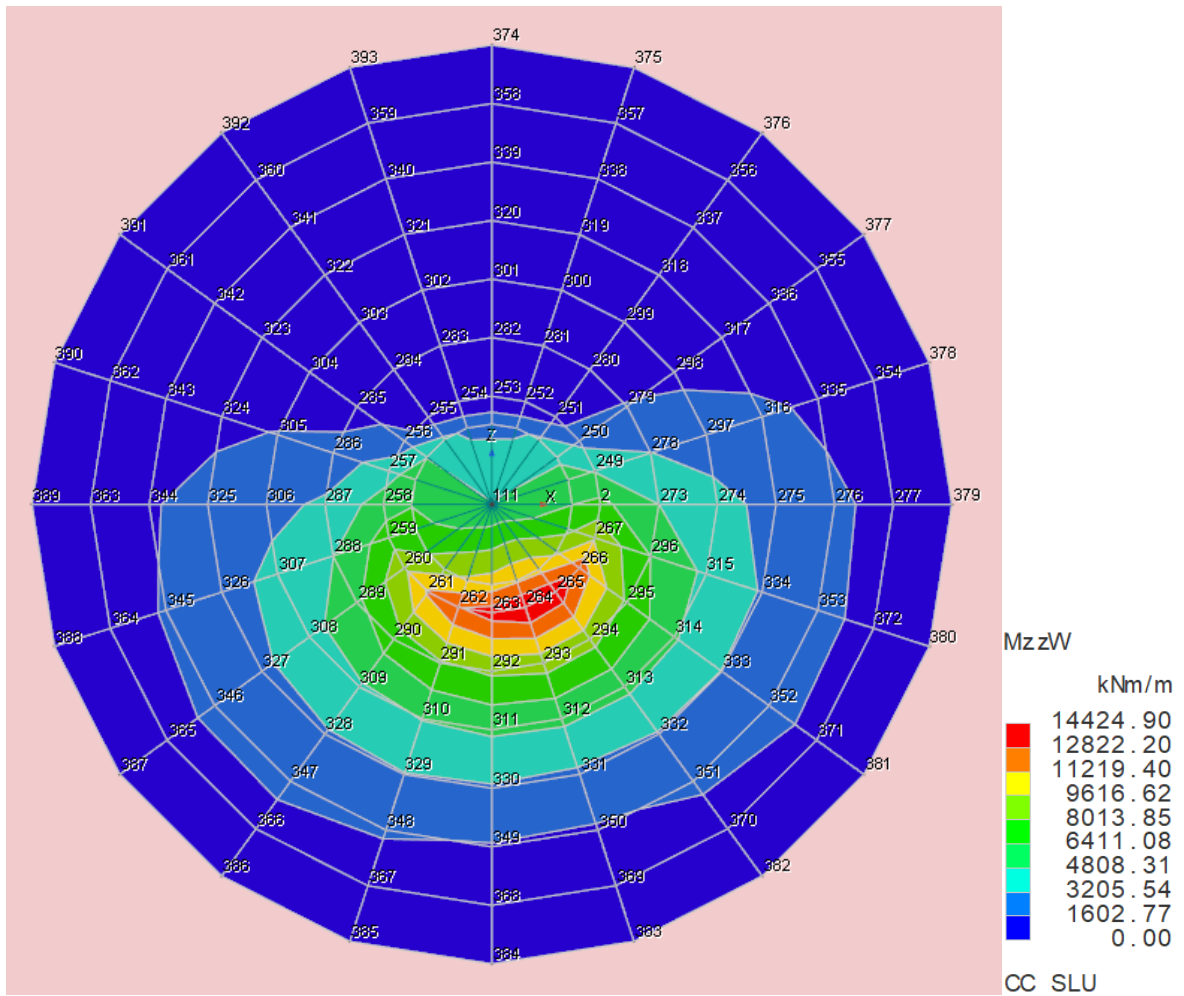


FIGURA 20: DIAGRAMMA DEI MOMENTI DI WOOD IN DIREZIONE Z

Titolo : _____

N° strati barre Zoom

N°	b [cm]	h [cm]	N°	As [cm²]	d [cm]
1	100	300	1	53.22	10
			2		30
			3	38.01	270
			4	74.33	290

Tipo Sezione
 Rettan.re Trapezi
 a T Circolare
 Rettangoli Coord.

Barre
 N°

 As

Sollecitazioni
 S.L.U. Metodo n

P.to applicazione N
 Centro Baricentro cls
 Coord.[cm] xN yN

Tipologia
 Tipo rottura
 Lato calcestruzzo - Acciaio snervato

Materiali

 ϵ_{su} ‰ ϵ_{c2} ‰
 f_{yd} N/mm² ϵ_{cu} ‰
 E_s N/mm² f_{cd} ‰
 E_s/E_c f_{cc}/f_{cd} ?
 ϵ_{syd} ‰ $\sigma_{c,adm}$ N/mm²
 $\sigma_{s,adm}$ N/mm² τ_{co} τ_{c1}

Metodo di calcolo
 S.L.U.+ S.L.U.-
 Metodo n

Tipo flessione
 Retta Deviata

M_{xRd} kN m
 σ_c N/mm²
 σ_s N/mm²
 ϵ_c ‰
 ϵ_s ‰
 d cm
 x x/d
 δ

Calcola MRd **Dominio M-N**
 L_o cm Col. modello
 Precompresso

ARMATURA RADIALE – VERIFICA PER OGNI METRO LINEARE DI IN DIREZIONE RADIALE

$$M_{SD} = 10530 \text{ KNM}$$

SUPERIORI: 7+7 Φ 22 DISPOSTI SU 2 STRATI

INTERMEDI SUPERIORI: /

INTERMEDI INFERIORI 10 Φ 22 DISPOSTI SU 1 STRATO

INFERIORI: 10+10 Φ 26 DISPOSTI SU 2 STRATI

$$M_{RD} = 12107 \text{ KNM}$$

$$C_s = 1,15$$

LE VERIFICHE DEI PALI DI FONDAZIONE SONO RIPORTATE NELLA RELAZIONE DI CALCOLO PRELIMINARE ALLEGATA.

4. REFERENZE

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- [18] EUROCODICE 1 – BASI DI CALCOLO ED AZIONI SULLE STRUTTURE
- [19] EUROCODICE 2 – PROGETTAZIONE DELLE STRUTTURE DI CALCESTRUZZO
- [20] EUROCODICE 3 – PROGETTAZIONE DELLE STRUTTURE DI ACCIAIO
- [21] EUROCODICE 4 – PROGETTAZIONE DELLE STRUTTURE COMPOSTE ACCIAIO-CALCESTRUZZO
- [22] EUROCODICE 5 – PROGETTAZIONE DELLE STRUTTURE DI LEGNO
- [23] EUROCODICE 6 – PROGETTAZIONE DELLE STRUTTURE DI MURATURA
- [24] EUROCODICE 7 – PROGETTAZIONE GEOTECNICA
- [25] EUROCODICE 8 –INDICAZIONI PROGETTUALI PER LA RESISTENZA SISMICA DELLE STRUTTURE
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LECCE, DICEMBRE 2021



ALLEGATO: TABULATI DI CALCOLO

- RELAZIONE DI CALCOLO E VERIFICA – ST_001-A1
- RELAZIONE DI CALCOLO E VERIFICA – ST_001-A2

Relazione di calcolo pali

Da 0 a -30

Simbologia

Δ_{sm} = Distanza media tra le fessure
 Φ_{eq} = Diametro equivalente delle barre
 α = Angolo asse neutro a rottura
 ϵ_{sm} = Deformazione unitaria media dell'armatura (*1000)
 σ_c = Tensione nel calcestruzzo
 σ_f = Tensione nel ferro
 σ_s = Tensione nell'acciaio nella sezione fessurata
 $A_{c\ eff}$ = Area di calcestruzzo efficace
 A_s = Area complessiva dei ferri nell'area di calcestruzzo efficace
 A_{fC} = Area di ferro compressa
 A_{fT} = Area di ferro tesa
 A_{sw} = Area armatura trasversale
 CC = Numero della combinazione delle condizioni di carico elementari
 $Caso$ = Caso di verifica
 K_z = Coefficiente per distribuzione deformazioni
 M'_{ydy} = Momento resistente massimo in campo sostanzialmente elastico intorno all'asse Y
 M'_{ydz} = Momento resistente massimo in campo sostanzialmente elastico intorno all'asse Z
 MR_{dy} = Momento resistente allo stato limite ultimo intorno all'asse Y
 MR_{dz} = Momento resistente allo stato limite ultimo intorno all'asse Z
 M_y = Momento flettente intorno all'asse Y
 M_z = Momento flettente intorno all'asse Z
 N = Sforzo normale
 N_u = Sforzo normale ultimo
 $Rott.$ = Tipo di rottura
 1-2 = Rott. acciaio: $\epsilon_y = \epsilon_{yd}$, $\epsilon_c < \epsilon_{cu}$
 2-3 = Rott. cls: $\epsilon_y < \epsilon_{yd}$, $\epsilon_c = \epsilon_{cu}$
 3-4 = Rott. cls: $\epsilon_{c0} < \epsilon_c < \epsilon_{cu}$
 $Sic.$ = Sicurezza
 TCC = Tipo di combinazione di carico
 SLU = Stato limite ultimo
 SLE R = Stato limite d'esercizio, combinazione rara
 SLE F = Stato limite d'esercizio, combinazione frequente
 SLE Q = Stato limite d'esercizio, combinazione quasi permanente
 SLD = Stato limite di danno
 SLV = Stato limite di salvaguardia della vita
 SND = Stato limite di salvaguardia della vita (non dissipativo)
 $Tipo$ = Tipo di verifica effettuata
 T_y = Taglio in dir. Y
 T_z = Taglio in dir. Z
 VR_{cd} = Taglio ultimo lato calcestruzzo
 VR_{sd} = Taglio ultimo lato armatura
 V_{rdu} = Taglio ultimo resistente
 V_{sdu} = Taglio agente nella direzione del momento ultimo
 W_k = Ampiezza caratteristica delle fessure
 X = Coordinata progressiva rispetto al nodo iniziale
 bw = Larghezza membratura resistente al taglio
 c = Ricoprimento dell'armatura
 $ctg\theta$ = Cotangente dell'angolo di inclinazione dei puntoni di calcestruzzo
 s = Distanza massima tra le barre

Stato limite ultimo - Verifiche a flessione/pressoflessione

Caso	X <cm>	CC	TCC	N <daN>	M_y <daNm>	M_z <daNm>	N_u <daN>	MR_{dy} <daNm>	MR_{dz} <daNm>	Rott.	α <grad>	Sic.
401	0.00	17	SLU	-442070.00	-16765.10	-16182.80	-1586370.00	-112892.00	-108038.00	2-3	316.25	3.589
402	60.00	17	SLU	-443248.00	-16690.40	-16110.70	-1586370.00	-113002.00	-108144.00	2-3	316.25	3.579
403	120.00	17	SLU	-441756.00	-15848.20	-15297.80	-1586370.00	-112863.00	-108010.00	2-3	316.25	3.591
404	180.00	17	SLU	-437903.00	-14031.70	-13544.40	-1586370.00	-112503.00	-107664.00	2-3	316.25	3.623
405	240.00	17	SLU	-431889.00	-11472.40	-11074.00	-1586370.00	-111934.00	-107115.00	2-3	316.25	3.673
406	300.00	17	SLU	-423878.00	-8587.14	-8288.93	-1586370.00	-111090.00	-106386.00	2-3	316.25	3.743
407	360.00	17	SLU	-414013.00	-5795.07	-5593.82	-1586370.00	-109943.00	-105485.00	2-3	316.25	3.832
408	420.00	17	SLU	-402421.00	-3409.43	-3291.03	-1586370.00	-108574.00	-104287.00	2-3	316.25	3.942
409	480.00	17	SLU	-389221.00	-1597.91	-1542.42	-1586370.00	-106983.00	-102740.00	2-3	316.25	4.076
410	540.00	17	SLU	-374520.00	-389.18	-375.66	-1586370.00	-105155.00	-100896.00	2-3	316.25	4.236
411	600.00	17	SLU	-359418.00	298.55	288.18	-1586370.00	103200.00	98919.60	2-3	136.25	4.414
412	660.00	17	SLU	-344302.00	598.35	577.57	-1586370.00	101149.00	96865.80	2-3	136.25	4.607
413	720.00	17	SLU	-329245.00	646.00	623.56	-1586370.00	98982.70	94760.30	2-3	136.25	4.818
414	780.00	17	SLU	-314312.00	555.73	536.43	-1586370.00	96757.50	92596.20	2-3	136.25	5.047
415	840.00	17	SLU	-299561.00	411.12	396.84	-1586370.00	94484.90	90385.20	2-3	136.25	5.296
416	900.00	17	SLU	-285044.00	265.02	255.82	-1586370.00	92177.00	88139.50	2-3	136.25	5.565
417	960.00	17	SLU	-270807.00	144.81	139.78	-1586370.00	89845.80	85871.30	2-3	136.25	5.858
418	1020.00	17	SLU	-256888.00	59.67	57.60	-1586370.00	87503.00	83592.50	2-3	136.25	6.175
419	1080.00	17	SLU	-243321.00	7.73	7.47	-1586370.00	85159.70	81314.40	2-3	136.25	6.520
420	1140.00	17	SLU	-230135.00	-18.19	-17.56	-1586370.00	-82824.10	-79045.60	2-3	316.25	6.893
421	1200.00	17	SLU	-217353.00	-26.62	-25.69	-1586370.00	-80509.70	-76799.50	2-3	316.25	7.299
422	1260.00	17	SLU	-204993.00	-25.08	-24.21	-1586370.00	-78227.30	-74584.60	2-3	316.25	7.739
423	1320.00	17	SLU	-193069.00	-19.19	-18.52	-1586370.00	-75955.20	-72418.00	2-3	316.25	8.217
424	1380.00	17	SLU	-181592.00	-12.48	-12.05	-1586370.00	-73463.90	-70426.50	2-3	316.25	8.736

425	1440.00	17	SLU	-170569.00	-6.80	-6.56	-1586370.00	-71083.10	-68322.40	2-3	316.25	9.300
426	1500.00	17	SLU	-160002.00	-2.79	-2.69	-1586370.00	-68807.90	-66124.40	2-3	316.25	9.915
427	1560.00	17	SLU	-149893.00	-0.39	-0.38	-1586370.00					10.583
428	1620.00	17	SLU	-140238.00	0.75	0.72	-1586370.00	64429.20	61886.10	2-3	136.25	11.312
429	1680.00	17	SLU	-131034.00	1.09	1.05	-1586370.00	62335.90	59856.50	2-3	136.25	12.107
430	1740.00	17	SLU	-122272.00	0.99	0.95	-1586370.00	60310.40	57890.60	2-3	136.25	12.974
431	1800.00	17	SLU	-113945.00	0.72	0.69	-1586370.00					13.922
432	1860.00	17	SLU	-106042.00	0.44	0.42	-1586370.00					14.960
433	1920.00	17	SLU	-98551.30	0.21	0.21	-1586370.00					16.097
434	1980.00	17	SLU	-91459.30	0.07	0.07	-1586370.00					17.345
435	2040.00	17	SLU	-84752.00	-0.01	-0.01	-1586370.00					18.718
436	2100.00	17	SLU	-78414.40	-0.04	-0.04	-1586370.00					20.231
437	2160.00	17	SLU	-72430.70	-0.04	-0.04	-1586370.00					21.902
438	2220.00	17	SLU	-66784.50	-0.03	-0.03	-1586370.00					23.754
439	2280.00	17	SLU	-61458.80	-0.02	-0.02	-1586370.00					25.812
440	2340.00	17	SLU	-56436.20	-0.01	-0.01	-1586370.00					28.109
441	2400.00	17	SLU	-51699.30	-0.00	-0.00	-1586370.00					30.685
442	2460.00	17	SLU	-47229.90	-0.00	-0.00	-1586370.00					33.588
443	2520.00	17	SLU	-43010.10	0.00	0.00	-1586370.00					36.884
444	2580.00	17	SLU	-39021.40	0.00	0.00	-1586370.00					40.654
445	2640.00	17	SLU	-35245.30	0.00	0.00	-1586370.00					45.010
446	2700.00	17	SLU	-31663.30	0.00	0.00	-1586370.00					50.101
447	2760.00	17	SLU	-28256.30	0.00	0.00	-1586370.00					56.142
448	2820.00	17	SLU	-25005.30	0.00	0.00	-1586370.00					63.441
449	2880.00	17	SLU	-21890.90	0.00	0.00	-1586370.00					72.467
450	2940.00	17	SLU	-18893.30	0.00	0.00	-1586370.00					83.965
851	0.00	17	SLU	-248293.00	-21698.50	-5026.19	-248293.00	-115783.00	-26819.50	2-3	346.88	5.336
852	60.00	17	SLU	-249471.00	-22131.60	-5126.50	-249471.00	-116059.00	-26887.40	2-3	346.88	5.244
853	120.00	17	SLU	-248995.00	-21445.50	-4967.57	-248995.00	-115947.00	-26859.90	2-3	346.88	5.407
854	180.00	17	SLU	-247014.00	-19311.60	-4473.28	-247014.00	-115483.00	-26745.70	2-3	346.88	5.980
855	240.00	17	SLU	-243677.00	-16030.30	-3713.21	-243677.00	-114694.00	-26550.70	2-3	346.88	6.510
856	300.00	17	SLU	-239128.00	-12181.80	-2821.75	-239128.00	-113615.00	-26283.70	2-3	346.88	6.634
857	360.00	17	SLU	-233507.00	-8365.62	-1937.79	-233507.00	-112265.00	-25948.70	2-3	346.88	6.794
858	420.00	17	SLU	-226948.00	-5043.76	-1168.32	-226948.00	-110676.00	-25553.30	2-3	346.88	6.990
859	480.00	17	SLU	-219577.00	-2477.61	-573.91	-219577.00	-108869.00	-25102.70	2-3	346.88	7.225
860	540.00	17	SLU	-211513.00	-731.80	-169.51	-211513.00	-106868.00	-24602.40	2-3	346.88	7.500
861	600.00	17	SLU	-203202.00	289.27	67.01	-203202.00	104779.00	24079.00	2-3	166.88	7.807
862	660.00	17	SLU	-194864.00	760.32	176.12	-194864.00	102631.00	23585.40	2-3	166.88	8.141
863	720.00	17	SLU	-186543.00	866.19	200.64	-186543.00	100357.00	23240.80	2-3	166.88	8.504
864	780.00	17	SLU	-178275.00	766.05	177.45	-178275.00	98061.30	22901.80	2-3	166.88	8.898
865	840.00	17	SLU	-170095.00	578.67	134.04	-170095.00	95976.30	21507.60	2-3	167.50	9.326
866	900.00	17	SLU	-162032.00	380.90	88.23	-162032.00	93646.70	21074.70	2-3	167.50	9.790
867	960.00	17	SLU	-154113.00	214.03	49.58	-154113.00	91306.80	20534.20	2-3	167.50	10.294
868	1020.00	17	SLU	-146360.00	93.36	21.63	-146360.00	88981.50	19998.30	2-3	167.50	10.839
869	1080.00	17	SLU	-138793.00	18.04	4.18	-138793.00	86679.00	19468.30	2-3	167.50	11.430
870	1140.00	17	SLU	-131430.00	-20.91	-4.84	-131430.00	-84404.80	-18945.10	2-3	347.50	12.070
871	1200.00	17	SLU	-124284.00	-34.85	-8.07	-124284.00	-82167.90	-18430.20	2-3	347.50	12.764
872	1260.00	17	SLU	-117366.00	-34.19	-7.92	-117366.00	-79975.40	-17925.10	2-3	347.50	13.517
873	1320.00	17	SLU	-110685.00	-26.81	-6.21	-110685.00	-77833.10	-17430.60	2-3	347.50	14.332
874	1380.00	17	SLU	-104249.00	-17.83	-4.13	-104249.00	-75746.10	-16947.50	2-3	347.50	15.217
875	1440.00	17	SLU	-98059.90	-9.98	-2.31	-98059.90	-73718.70	-16476.70	2-3	347.50	16.178
876	1500.00	17	SLU	-92122.30	-4.32	-1.00	-92122.30	-71754.70	-16018.60	2-3	347.50	17.220
877	1560.00	17	SLU	-86436.50	-0.85	-0.20	-86436.50					18.353
878	1620.00	17	SLU	-81001.90	0.87	0.20	-81001.90					19.584
879	1680.00	17	SLU	-75816.50	1.43	0.33	-75816.50	66088.30	15446.50	2-3	166.88	20.924
880	1740.00	17	SLU	-70877.10	1.35	0.31	-70877.10	64402.70	15030.50	2-3	166.88	22.382
881	1800.00	17	SLU	-66179.30	1.01	0.23	-66179.30	62790.00	14630.40	2-3	166.88	23.971
882	1860.00	17	SLU	-61718.00	0.63	0.15	-61718.00					25.704
883	1920.00	17	SLU	-57486.90	0.32	0.07	-57486.90					27.595
884	1980.00	17	SLU	-53479.20	0.11	0.03	-53479.20					29.663
885	2040.00	17	SLU	-49687.50	-0.00	-0.00	-49687.50					31.927
886	2100.00	17	SLU	-46104.00	-0.05	-0.01	-46104.00					34.409
887	2160.00	17	SLU	-42720.10	-0.06	-0.01	-42720.10					37.134
888	2220.00	17	SLU	-39527.30	-0.05	-0.01	-39527.30					40.134
889	2280.00	17	SLU	-36516.50	-0.03	-0.01	-36516.50					43.443
890	2340.00	17	SLU	-33678.40	-0.02	-0.00	-33678.40					47.103
891	2400.00	17	SLU	-31003.80	-0.01	-0.00	-31003.80					51.167
892	2460.00	17	SLU	-28483.00	-0.00	-0.00	-28483.00					55.695
893	2520.00	17	SLU	-26106.50	0.00	0.00	-26106.50					60.766
894	2580.00	17	SLU	-23864.40	0.00	0.00	-23864.40					66.474
895	2640.00	17	SLU	-21747.20	0.00	0.00	-21747.20					72.946
896	2700.00	17	SLU	-19744.80	0.00	0.00	-19744.80					80.344
897	2760.00	17	SLU	-17847.50	0.00	0.00	-17847.50					88.885
898	2820.00	17	SLU	-16045.30	0.00	0.00	-16045.30					98.869
899	2880.00	17	SLU	-14328.10	0.00	0.00	-14328.10					>100
900	2940.00	17	SLU	-12685.70	0.00	0.00	-12685.70					>100
1301	0.00	17	SLU	-131806.00	-20472.70	3113.40	-131806.00	-85692.70	13761.70	2-3	8.75	4.191
1302	60.00	17	SLU	-132984.00	-21502.90	3270.07	-132984.00	-86061.80	13829.10	2-3	8.75	4.008
1303	120.00	17	SLU	-133227.00	-21329.60	3243.71	-133227.00	-86138.00	13843.00	2-3	8.75	4.044
1304	180.00	17	SLU	-132616.00	-19571.00	2976.27	-132616.00	-85946.50	13808.00	2-3	8.75	4.397
1305	240.00	17	SLU	-131230.00	-16511.70	2511.03	-131230.00	-85512.30	13728.80	2-3	8.75	5.186
1306	300.00	17	SLU	-129147.00	-12746.50	1938.43	-129147.00	-84859.40	13610.00	2-3	8.75	6.666
1307	360.00	17	SLU	-126443.00	-8908.40	1354.75	-126443.00	-84004.00	13452.60	2-3	8.75	9.441
1308	420.00	17	SLU	-123191.00	-5499.37	836.32	-123191.00	-82973.30	13263.50	2-3	8.75	12.877

1309	480.00	17	SLU	-119460.00	-2818.19	428.58	-1586370.00	-81780.90	13043.10	2-3	8.75	13.280
1310	540.00	17	SLU	-115315.00	-958.14	145.71	-1586370.00	-80450.40	12797.00	2-3	8.75	13.757
1311	600.00	17	SLU	-111011.00	158.94	-24.17	-1586370.00	79056.30	-12537.10	2-3	188.75	14.290
1312	660.00	17	SLU	-106674.00	700.81	-106.58	-1586370.00	77641.90	-12272.00	2-3	188.75	14.871
1313	720.00	17	SLU	-102328.00	852.57	-129.66	-1586370.00	76216.40	-12004.20	2-3	188.75	15.503
1314	780.00	17	SLU	-97993.30	777.67	-118.27	-1586370.00	74783.30	-11732.70	2-3	188.75	16.189
1315	840.00	17	SLU	-93690.40	600.63	-91.34	-1586370.00	73350.80	-11459.60	2-3	188.75	16.932
1316	900.00	17	SLU	-89435.70	403.86	-61.42	-1586370.00	71927.00	-11187.30	2-3	188.75	17.738
1317	960.00	17	SLU	-85244.60	233.16	-35.46	-1586370.00	70514.20	-10914.80	2-3	188.75	18.610
1318	1020.00	17	SLU	-81130.50	107.01	-16.27	-1586370.00	69118.90	-10643.50	2-3	188.75	19.553
1319	1080.00	17	SLU	-77104.80	26.44	-4.02	-1586370.00	67747.60	-10376.50	2-3	188.75	20.574
1320	1140.00	17	SLU	-73177.60	-16.63	2.53	-1586370.00	-66400.60	10110.80	2-3	8.75	21.678
1321	1200.00	17	SLU	-69357.30	-33.36	5.07	-1586370.00	-65084.40	9850.01	2-3	8.75	22.872
1322	1260.00	17	SLU	-65651.00	-34.28	5.21	-1586370.00	-63796.80	9576.21	2-3	8.75	24.164
1323	1320.00	17	SLU	-62064.10	-27.62	4.20	-1586370.00	-62544.10	9305.13	2-3	8.75	25.560
1324	1380.00	17	SLU	-58601.30	-18.79	2.86	-1586370.00	-61331.30	9043.07	2-3	8.75	27.071
1325	1440.00	17	SLU	-55265.50	-10.81	1.64	-1586370.00	-60157.00	8784.05	2-3	8.75	28.705
1326	1500.00	17	SLU	-52059.20	-4.90	0.75	-1586370.00	-59025.90	8535.77	2-3	8.75	30.473
1327	1560.00	17	SLU	-48983.50	-1.20	0.18	-1586370.00	-57800.20	8989.50	2-3	9.38	32.386
1328	1620.00	17	SLU	-46038.80	0.70	-0.11	-1586370.00					34.457
1329	1680.00	17	SLU	-43224.80	1.37	-0.21	-1586370.00	55753.50	-8514.52	2-3	189.38	36.701
1330	1740.00	17	SLU	-40540.30	1.36	-0.21	-1586370.00	54765.40	-8312.70	1-2	189.38	39.131
1331	1800.00	17	SLU	-37983.60	1.04	-0.16	-1586370.00	53800.30	-8167.14	1-2	189.38	41.765
1332	1860.00	17	SLU	-35552.60	0.66	-0.10	-1586370.00					44.620
1333	1920.00	17	SLU	-33244.50	0.35	-0.05	-1586370.00					47.718
1334	1980.00	17	SLU	-31056.20	0.13	-0.02	-1586370.00					51.081
1335	2040.00	17	SLU	-28984.30	0.01	-0.00	-1586370.00					54.732
1336	2100.00	17	SLU	-27025.00	-0.05	0.01	-1586370.00					58.700
1337	2160.00	17	SLU	-25174.30	-0.06	0.01	-1586370.00					63.016
1338	2220.00	17	SLU	-23428.10	-0.05	0.01	-1586370.00					67.712
1339	2280.00	17	SLU	-21782.10	-0.03	0.00	-1586370.00					72.829
1340	2340.00	17	SLU	-20231.70	-0.02	0.00	-1586370.00					78.410
1341	2400.00	17	SLU	-18772.50	-0.01	0.00	-1586370.00					84.505
1342	2460.00	17	SLU	-17399.80	-0.00	0.00	-1586370.00					91.172
1343	2520.00	17	SLU	-16109.10	0.00	-0.00	-1586370.00					98.477
1344	2580.00	17	SLU	-14895.60	0.00	-0.00	-1586370.00					>100
1345	2640.00	17	SLU	-13754.80	0.00	-0.00	-1586370.00					>100
1346	2700.00	17	SLU	-12682.00	0.00	-0.00	-1586370.00					>100
1347	2760.00	17	SLU	-11672.50	0.00	-0.00	-1586370.00					>100
1348	2820.00	17	SLU	-10721.90	0.00	-0.00	-1586370.00					>100
1349	2880.00	17	SLU	-9825.48	0.00	-0.00	-1586370.00					>100
1350	2940.00	17	SLU	-8978.75	0.00	0.00	-1586370.00					>100
1751	0.00	17	SLU	-137101.00	-18711.80	9082.99	-137101.00	-79388.30	38742.90	2-3	26.25	4.247
1752	60.00	17	SLU	-138279.00	-20085.40	9749.77	-138279.00	-79704.00	38915.70	2-3	26.25	3.973
1753	120.00	17	SLU	-138490.00	-20256.40	9832.79	-138490.00	-79758.90	38945.80	2-3	26.25	3.942
1754	180.00	17	SLU	-137817.00	-18826.10	9138.51	-137817.00	-79580.00	38847.80	2-3	26.25	4.232
1755	240.00	17	SLU	-136342.00	-16055.50	7793.58	-136342.00	-79183.70	38630.20	2-3	26.25	4.937
1756	300.00	17	SLU	-134147.00	-12521.00	6077.87	-134147.00	-78591.50	38303.80	2-3	26.25	6.282
1757	360.00	17	SLU	-131310.00	-8847.87	4294.90	-131310.00	-77825.20	37882.10	2-3	26.25	8.801
1758	420.00	17	SLU	-127908.00	-5541.04	2689.71	-1586370.00	-76901.80	37372.30	2-3	26.25	12.402
1759	480.00	17	SLU	-124011.00	-2909.77	1412.45	-1586370.00	-75840.20	36785.60	2-3	26.25	12.792
1760	540.00	17	SLU	-119689.00	-1061.77	515.40	-1586370.00	-74655.90	36128.20	2-3	26.25	13.254
1761	600.00	17	SLU	-115202.00	66.05	-32.06	-1586370.00	73421.50	-35442.50	2-3	206.25	13.770
1762	660.00	17	SLU	-110683.00	629.02	-305.33	-1586370.00	72101.10	-34820.10	2-3	206.25	14.333
1763	720.00	17	SLU	-106156.00	803.78	-390.17	-1586370.00	70707.90	-34252.70	2-3	206.25	14.944
1764	780.00	17	SLU	-101643.00	748.94	-363.55	-1586370.00	69310.90	-33685.60	2-3	206.25	15.607
1765	840.00	17	SLU	-97163.80	586.95	-284.91	-1586370.00	67911.90	-33122.30	2-3	206.25	16.327
1766	900.00	17	SLU	-92736.10	400.03	-194.18	-1586370.00	66517.00	-32565.80	2-3	206.25	17.106
1767	960.00	17	SLU	-88375.50	234.81	-113.98	-1586370.00	65135.40	-32016.40	2-3	206.25	17.950
1768	1020.00	17	SLU	-84095.90	110.96	-53.86	-1586370.00	63768.10	-31477.90	2-3	206.25	18.864
1769	1080.00	17	SLU	-79909.20	30.71	-14.91	-1586370.00	62420.00	-30952.30	2-3	206.25	19.852
1770	1140.00	17	SLU	-75825.80	-13.05	6.34	-1586370.00	-61384.10	29680.50	2-3	25.63	20.921
1771	1200.00	17	SLU	-71854.40	-30.82	14.96	-1586370.00	-60084.90	29189.50	2-3	25.63	22.078
1772	1260.00	17	SLU	-68002.00	-32.74	15.89	-1586370.00	-58817.30	28715.80	2-3	25.63	23.328
1773	1320.00	17	SLU	-64274.50	-26.85	13.03	-1586370.00	-57850.70	27521.60	2-3	25.00	24.681
1774	1380.00	17	SLU	-60676.40	-18.54	9.00	-1586370.00	-56652.00	27051.60	2-3	25.00	26.145
1775	1440.00	17	SLU	-57211.00	-10.84	5.26	-1586370.00	-55509.40	26489.80	2-3	25.00	27.729
1776	1500.00	17	SLU	-53880.50	-5.06	2.45	-1586370.00	-54404.10	25946.20	2-3	25.00	29.442
1777	1560.00	17	SLU	-50686.20	-1.38	0.67	-1586370.00	-53337.50	25420.90	2-3	25.00	31.298
1778	1620.00	17	SLU	-47628.30	0.55	-0.27	-1586370.00					33.307
1779	1680.00	17	SLU	-44706.40	1.28	-0.62	-1586370.00	51326.70	-24429.20	2-3	205.00	35.484
1780	1740.00	17	SLU	-41919.40	1.30	-0.63	-1586370.00	50383.60	-23963.50	2-3	205.00	37.843
1781	1800.00	17	SLU	-39265.40	1.02	-0.49	-1586370.00	49469.00	-23525.10	1-2	205.00	40.401
1782	1860.00	17	SLU	-36742.10	0.66	-0.32	-1586370.00					43.176
1783	1920.00	17	SLU	-34346.60	0.35	-0.17	-1586370.00					46.187
1784	1980.00	17	SLU	-32075.60	0.14	-0.07	-1586370.00					49.457
1785	2040.00	17	SLU	-29925.50	0.01	-0.01	-1586370.00					53.011
1786	2100.00	17	SLU	-27892.30	-0.04	0.02	-1586370.00					56.875
1787	2160.00	17	SLU	-25972.00	-0.05	0.03	-1586370.00					61.080
1788	2220.00	17	SLU	-24160.00	-0.05	0.02	-1586370.00					65.661
1789	2280.00	17	SLU	-22451.90	-0.03	0.02	-1586370.00					70.656
1790	2340.00	17	SLU	-20843.00	-0.02	0.01	-1586370.00					76.111
1791	2400.00	17	SLU	-19328.50	-0.01	0.00	-1586370.00					82.074
1792	2460.00	17	SLU	-17903.70	-0.00	0.00	-1586370.00					88.606

1793	2520.00	17	SLU	-16563.60	0.00	-0.00	-1586370.00						95.775
1794	2580.00	17	SLU	-15303.30	0.00	-0.00	-1586370.00						>100
1795	2640.00	17	SLU	-14118.10	0.00	-0.00	-1586370.00						>100
1796	2700.00	17	SLU	-13003.00	0.00	-0.00	-1586370.00						>100
1797	2760.00	17	SLU	-11953.20	0.00	-0.00	-1586370.00						>100
1798	2820.00	17	SLU	-10963.90	0.00	-0.00	-1586370.00						>100
1799	2880.00	17	SLU	-10030.20	0.00	-0.00	-1586370.00						>100
1800	2940.00	17	SLU	-9147.28	0.00	0.00	-1586370.00						>100
2201	0.00	17	SLU	-262157.00	-14919.10	16728.50	-262157.00	-81351.80	91206.60	2-3	48.13	5.452	
2202	60.00	17	SLU	-263336.00	-16142.10	18099.80	-263336.00	-81540.30	91408.90	2-3	48.13	5.051	
2203	120.00	17	SLU	-262774.00	-16375.90	18361.90	-262774.00	-81450.40	91312.40	2-3	48.13	4.973	
2204	180.00	17	SLU	-260630.00	-15287.90	17142.00	-260630.00	-81107.40	90944.20	2-3	48.13	5.305	
2205	240.00	17	SLU	-257060.00	-13086.30	14673.40	-257060.00	-80529.30	90323.70	2-3	48.13	6.155	
2206	300.00	17	SLU	-252218.00	-10240.70	11482.60	-252218.00	-79742.40	89478.50	2-3	48.13	6.290	
2207	360.00	17	SLU	-246250.00	-7263.23	8144.09	-246250.00	-78761.40	88424.30	2-3	48.13	6.442	
2208	420.00	17	SLU	-239297.00	-4570.16	5124.41	-239297.00	-77605.40	87181.20	2-3	48.13	6.629	
2209	480.00	17	SLU	-231493.00	-2418.77	2712.11	-231493.00	-76291.80	85767.90	2-3	48.13	6.853	
2210	540.00	17	SLU	-222963.00	-901.59	1010.93	-222963.00	-74836.50	84201.80	2-3	48.13	7.115	
2211	600.00	17	SLU	-214174.00	29.23	-32.78	-214174.00	73314.40	-82564.50	2-3	228.13	7.407	
2212	660.00	17	SLU	-205361.00	498.12	-558.53	-205361.00	71781.80	-80867.10	2-3	228.13	7.725	
2213	720.00	17	SLU	-196566.00	648.13	-726.73	-196566.00	70323.40	-78966.40	2-3	228.13	8.070	
2214	780.00	17	SLU	-187831.00	608.42	-682.21	-187831.00	68855.90	-77046.10	2-3	228.13	8.446	
2215	840.00	17	SLU	-179189.00	479.21	-537.33	-179189.00	66518.20	-75827.60	2-3	228.75	8.853	
2216	900.00	17	SLU	-170672.00	328.09	-367.88	-170672.00	65064.10	-73877.10	2-3	228.75	9.295	
2217	960.00	17	SLU	-162309.00	193.63	-217.12	-162309.00	63620.10	-71932.90	2-3	228.75	9.774	
2218	1020.00	17	SLU	-154123.00	92.36	-103.56	-154123.00	62078.10	-70045.20	2-3	228.75	10.293	
2219	1080.00	17	SLU	-146136.00	26.42	-29.63	-146136.00	60429.10	-68222.90	2-3	228.75	10.855	
2220	1140.00	17	SLU	-138363.00	-9.77	10.96	-138363.00	-58797.50	66425.00	2-3	48.75	11.465	
2221	1200.00	17	SLU	-130821.00	-24.67	27.66	-130821.00	-57187.30	64655.90	2-3	48.75	12.126	
2222	1260.00	17	SLU	-123521.00	-26.52	29.74	-123521.00	-55606.00	62922.40	2-3	48.75	12.843	
2223	1320.00	17	SLU	-116472.00	-21.89	24.54	-116472.00	-54057.90	61228.70	2-3	48.75	13.620	
2224	1380.00	17	SLU	-109682.00	-15.18	17.02	-109682.00	-52547.00	59578.70	2-3	48.75	14.463	
2225	1440.00	17	SLU	-103153.00	-8.93	10.01	-103153.00	-51076.70	57975.40	2-3	48.75	15.379	
2226	1500.00	17	SLU	-96890.60	-4.20	4.71	-96890.60	-49650.10	56421.80	2-3	48.75	16.373	
2227	1560.00	17	SLU	-90894.20	-1.18	1.32	-90894.20	-48269.90	54920.00	2-3	48.75	17.453	
2228	1620.00	17	SLU	-85163.00	0.41	-0.47	-85163.00						18.627
2229	1680.00	17	SLU	-79695.60	1.02	-1.15	-79695.60	45656.50	-52078.80	2-3	228.75	19.905	
2230	1740.00	17	SLU	-74487.80	1.06	-1.18	-74487.80	44973.20	-50247.70	2-3	228.13	21.297	
2231	1800.00	17	SLU	-69535.20	0.83	-0.93	-69535.20	43783.50	-48973.70	2-3	228.13	22.814	
2232	1860.00	17	SLU	-64832.20	0.54	-0.61	-64832.20						24.469
2233	1920.00	17	SLU	-60372.20	0.29	-0.32	-60372.20						26.277
2234	1980.00	17	SLU	-56148.00	0.12	-0.13	-56148.00						28.253
2235	2040.00	17	SLU	-52151.70	0.01	-0.02	-52151.70						30.419
2236	2100.00	17	SLU	-48374.80	-0.03	0.04	-48374.80						32.793
2237	2160.00	17	SLU	-44808.50	-0.04	0.05	-44808.50						35.403
2238	2220.00	17	SLU	-41443.40	-0.04	0.04	-41443.40						38.278
2239	2280.00	17	SLU	-38270.20	-0.03	0.03	-38270.20						41.452
2240	2340.00	17	SLU	-35278.90	-0.01	0.02	-35278.90						44.967
2241	2400.00	17	SLU	-32459.60	-0.01	0.01	-32459.60						48.872
2242	2460.00	17	SLU	-29802.10	-0.00	0.00	-29802.10						53.230
2243	2520.00	17	SLU	-27296.40	0.00	-0.00	-27296.40						58.117
2244	2580.00	17	SLU	-24931.90	0.00	-0.00	-24931.90						63.628
2245	2640.00	17	SLU	-22698.40	0.00	-0.00	-22698.40						69.889
2246	2700.00	17	SLU	-20585.40	0.00	-0.00	-20585.40						77.063
2247	2760.00	17	SLU	-18582.50	0.00	-0.00	-18582.50						85.369
2248	2820.00	17	SLU	-16678.90	0.00	-0.00	-16678.90						95.113
2249	2880.00	17	SLU	-14864.00	0.00	-0.00	-14864.00						>100
2250	2940.00	17	SLU	-13126.90	0.00	0.00	-13126.90						>100
2651	0.00	17	SLU	-459207.00	-4046.90	22959.60	-459207.00	-27422.40	156140.00	2-3	80.00	3.455	
2652	60.00	17	SLU	-460385.00	-4384.31	24873.90	-460385.00	-27455.00	156281.00	2-3	80.00	3.446	
2653	120.00	17	SLU	-458894.00	-4452.05	25258.20	-458894.00	-27413.60	156102.00	2-3	80.00	3.457	
2654	180.00	17	SLU	-455040.00	-4159.24	23597.00	-455040.00	-27343.90	155598.00	2-3	80.00	3.486	
2655	240.00	17	SLU	-449026.00	-3562.39	20210.80	-449026.00	-27243.70	154790.00	2-3	80.00	3.533	
2656	300.00	17	SLU	-441015.00	-2789.26	15824.60	-441015.00	-27106.50	153689.00	2-3	80.00	3.597	
2657	360.00	17	SLU	-431150.00	-1979.45	11230.20	-431150.00	-26932.60	152292.00	2-3	80.00	3.679	
2658	420.00	17	SLU	-419558.00	-1246.44	7071.51	-419558.00	-26721.90	150598.00	2-3	80.00	3.781	
2659	480.00	17	SLU	-406358.00	-660.49	3747.21	-406358.00	-26474.20	148589.00	2-3	80.00	3.904	
2660	540.00	17	SLU	-391657.00	-247.00	1401.34	-391657.00	-26189.20	146263.00	2-3	80.00	4.050	
2661	600.00	17	SLU	-376147.00	6.89	-39.09	-376147.00	25827.40	-143688.00	2-3	260.00	4.217	
2662	660.00	17	SLU	-360306.00	134.97	-765.72	-360306.00	25206.00	-140860.00	2-3	260.00	4.403	
2663	720.00	17	SLU	-344527.00	176.13	-999.25	-344527.00	24559.20	-137922.00	2-3	260.00	4.604	
2664	780.00	17	SLU	-328880.00	165.54	-939.17	-328880.00	23889.70	-134890.00	2-3	260.00	4.824	
2665	840.00	17	SLU	-313425.00	130.49	-740.30	-313425.00	23200.00	-131782.00	2-3	260.00	5.061	
2666	900.00	17	SLU	-298217.00	89.40	-507.21	-298217.00	22493.30	-128617.00	2-3	260.00	5.320	
2667	960.00	17	SLU	-283303.00	52.81	-299.60	-283303.00	21779.10	-125401.00	2-3	260.00	5.600	
2668	1020.00	17	SLU	-268723.00	25.23	-143.12	-268723.00	21105.70	-122132.00	2-3	260.00	5.903	
2669	1080.00	17	SLU	-254514.00	7.25	-41.15	-254514.00	20426.40	-118856.00	2-3	260.00	6.233	
2670	1140.00	17	SLU	-240704.00	-2.62	14.88	-240704.00	-19743.70	115590.00	2-3	80.00	6.591	
2671	1200.00	17	SLU	-227317.00	-6.70	37.99	-227317.00	-19060.30	112350.00	2-3	80.00	6.979	
2672	1260.00	17	SLU	-214374.00	-7.21	40.92	-214374.00	-18571.70	109023.00	2-3	80.00	7.400	
2673	1320.00	17	SLU	-201889.00	-5.96	33.80	-201889.00	-18190.60	105676.00	2-3	80.00	7.858	
2674	1380.00	17	SLU	-189872.00	-4.14	23.47	-189872.00	-17826.40	102381.00	2-3	80.00	8.355	
2675	1440.00	17	SLU	-178330.00	-2.43	13.81	-178330.00	-17481.50	99147.90	2-3	80.00	8.896	
2676	1500.00	17	SLU	-167268.00	-1.15	6.51	-167268.00	-17157.50	95984.40	2-3	80.00	9.484	

2677	1560.00	17	SLU	-156684.00	-0.32	1.84	-1586370.00	-16853.00	92905.50	2-3	80.00	10.125
2678	1620.00	17	SLU	-146577.00	0.11	-0.63	-1586370.00					10.823
2679	1680.00	17	SLU	-136942.00	0.28	-1.57	-1586370.00	15806.00	-86923.50	2-3	260.00	11.584
2680	1740.00	17	SLU	-127771.00	0.29	-1.63	-1586370.00	15238.60	-84057.90	2-3	260.00	12.416
2681	1800.00	17	SLU	-119054.00	0.23	-1.28	-1586370.00	14687.90	-81291.70	2-3	260.00	13.325
2682	1860.00	17	SLU	-110782.00	0.15	-0.83	-1586370.00					14.320
2683	1920.00	17	SLU	-102941.00	0.08	-0.45	-1586370.00					15.411
2684	1980.00	17	SLU	-95518.30	0.03	-0.18	-1586370.00					16.608
2685	2040.00	17	SLU	-88498.00	0.00	-0.02	-1586370.00					17.925
2686	2100.00	17	SLU	-81864.50	-0.01	0.05	-1586370.00					19.378
2687	2160.00	17	SLU	-75601.40	-0.01	0.07	-1586370.00					20.983
2688	2220.00	17	SLU	-69691.30	-0.01	0.06	-1586370.00					22.763
2689	2280.00	17	SLU	-64116.50	-0.01	0.04	-1586370.00					24.742
2690	2340.00	17	SLU	-58858.70	-0.00	0.02	-1586370.00					26.952
2691	2400.00	17	SLU	-53899.30	-0.00	0.01	-1586370.00					29.432
2692	2460.00	17	SLU	-49219.70	-0.00	0.00	-1586370.00					32.230
2693	2520.00	17	SLU	-44800.60	0.00	-0.00	-1586370.00					35.410
2694	2580.00	17	SLU	-40622.80	0.00	-0.00	-1586370.00					39.051
2695	2640.00	17	SLU	-36666.90	0.00	-0.00	-1586370.00					43.264
2696	2700.00	17	SLU	-32913.20	0.00	-0.00	-1586370.00					48.199
2697	2760.00	17	SLU	-29341.90	0.00	-0.00	-1586370.00					54.065
2698	2820.00	17	SLU	-25932.70	0.00	-0.00	-1586370.00					61.173
2699	2880.00	17	SLU	-22665.20	0.00	-0.00	-1586370.00					69.992
2700	2940.00	17	SLU	-19518.70	0.00	0.00	-1586370.00					81.275
3101	0.00	17	SLU	-652983.00	11598.10	19165.20	-1586370.00	89930.50	148108.00	2-3	121.25	2.429
3102	60.00	17	SLU	-654161.00	12549.20	20736.80	-1586370.00	89950.10	148140.00	2-3	121.25	2.425
3103	120.00	17	SLU	-652669.00	12731.20	21037.60	-1586370.00	89925.30	148099.00	2-3	121.25	2.431
3104	180.00	17	SLU	-648816.00	11885.50	19640.10	-1586370.00	89860.80	147990.00	2-3	121.25	2.445
3105	240.00	17	SLU	-642802.00	10174.00	16812.00	-1586370.00	89754.70	147812.00	2-3	121.25	2.468
3106	300.00	17	SLU	-634791.00	7961.74	13156.30	-1586370.00	89601.60	147553.00	2-3	121.25	2.499
3107	360.00	17	SLU	-624926.00	5646.96	9331.29	-1586370.00	89394.40	147201.00	2-3	121.25	2.538
3108	420.00	17	SLU	-613334.00	3553.23	5871.52	-1586370.00	89126.20	146743.00	2-3	121.25	2.586
3109	480.00	17	SLU	-600134.00	1880.61	3107.60	-1586370.00	88785.20	146161.00	2-3	121.25	2.643
3110	540.00	17	SLU	-585433.00	701.04	1158.42	-1586370.00	88364.50	145441.00	2-3	121.25	2.710
3111	600.00	17	SLU	-569923.00	-22.66	-37.45	-1586370.00	-87872.50	-144599.00	2-3	301.25	2.783
3112	660.00	17	SLU	-553947.00	-387.23	-639.87	-1586370.00	-87312.70	-143643.00	2-3	301.25	2.864
3113	720.00	17	SLU	-537544.00	-503.87	-832.62	-1586370.00	-86655.50	-142568.00	2-3	301.25	2.951
3114	780.00	17	SLU	-520752.00	-473.02	-781.63	-1586370.00	-85722.40	-141339.00	2-3	301.25	3.046
3115	840.00	17	SLU	-503608.00	-372.57	-615.65	-1586370.00	-84777.40	-139749.00	2-3	301.25	3.150
3116	900.00	17	SLU	-486150.00	-255.08	-421.51	-1586370.00	-83735.30	-138007.00	2-3	301.25	3.263
3117	960.00	17	SLU	-468412.00	-150.55	-248.77	-1586370.00	-82597.20	-136114.00	2-3	301.25	3.387
3118	1020.00	17	SLU	-450430.00	-71.81	-118.66	-1586370.00	-81363.90	-134068.00	2-3	301.25	3.522
3119	1080.00	17	SLU	-432238.00	-20.55	-33.95	-1586370.00	-80037.10	-131871.00	2-3	301.25	3.670
3120	1140.00	17	SLU	-413870.00	7.59	12.55	-1586370.00	-78616.90	-129517.00	2-3	121.25	3.833
3121	1200.00	17	SLU	-395358.00	19.18	31.69	-1586370.00	-77108.40	-127011.00	2-3	121.25	4.013
3122	1260.00	17	SLU	-376735.00	20.62	34.07	-1586370.00	-75517.20	-124358.00	2-3	121.25	4.211
3123	1320.00	17	SLU	-358033.00	17.01	28.12	-1586370.00	-73845.40	-121556.00	2-3	121.25	4.431
3124	1380.00	17	SLU	-339282.00	11.80	19.51	-1586370.00	-72097.00	-118614.00	2-3	121.25	4.676
3125	1440.00	17	SLU	-320512.00	6.94	11.47	-1586370.00	-70276.10	-115543.00	2-3	121.25	4.949
3126	1500.00	17	SLU	-301754.00	3.27	5.40	-1586370.00	-68312.80	-112355.00	2-3	121.25	5.257
3127	1560.00	17	SLU	-283037.00	0.92	1.52	-1586370.00	-65963.10	-109040.00	2-3	121.25	5.605
3128	1620.00	17	SLU	-264513.00	-0.32	-0.53	-1586370.00					5.997
3129	1680.00	17	SLU	-246861.00	-0.79	-1.31	-1586370.00	-61505.60	-101614.00	2-3	301.25	6.426
3130	1740.00	17	SLU	-230065.00	-0.82	-1.36	-1586370.00	-59302.50	-97963.20	2-3	301.25	6.895
3131	1800.00	17	SLU	-214108.00	-0.64	-1.07	-1586370.00	-57134.10	-94376.80	2-3	301.25	7.409
3132	1860.00	17	SLU	-198966.00	-0.42	-0.69	-1586370.00					7.973
3133	1920.00	17	SLU	-184618.00	-0.23	-0.37	-1586370.00					8.593
3134	1980.00	17	SLU	-171035.00	-0.09	-0.15	-1586370.00					9.275
3135	2040.00	17	SLU	-158190.00	-0.01	-0.02	-1586370.00					10.028
3136	2100.00	17	SLU	-146053.00	0.02	0.04	-1586370.00					10.862
3137	2160.00	17	SLU	-134591.00	0.03	0.06	-1586370.00					11.787
3138	2220.00	17	SLU	-123772.00	0.03	0.05	-1586370.00					12.817
3139	2280.00	17	SLU	-113562.00	0.02	0.03	-1586370.00					13.969
3140	2340.00	17	SLU	-103927.00	0.01	0.02	-1586370.00					15.264
3141	2400.00	17	SLU	-94831.30	0.00	0.01	-1586370.00					16.728
3142	2460.00	17	SLU	-86238.80	0.00	0.00	-1586370.00					18.395
3143	2520.00	17	SLU	-78113.30	-0.00	-0.00	-1586370.00					20.309
3144	2580.00	17	SLU	-70418.00	-0.00	-0.00	-1586370.00					22.528
3145	2640.00	17	SLU	-63115.70	-0.00	-0.00	-1586370.00					25.134
3146	2700.00	17	SLU	-56168.50	-0.00	-0.00	-1586370.00					28.243
3147	2760.00	17	SLU	-49538.20	-0.00	-0.00	-1586370.00					32.023
3148	2820.00	17	SLU	-43185.80	-0.00	-0.00	-1586370.00					36.734
3149	2880.00	17	SLU	-37071.50	-0.00	-0.00	-1586370.00					42.792
3150	2940.00	17	SLU	-31154.50	0.00	0.00	-1586370.00					50.920
3551	0.00	17	SLU	-769470.00	20684.20	3113.40	-1586370.00	171229.00	26246.10	2-3	171.25	2.062
3552	60.00	17	SLU	-770648.00	22193.20	3340.54	-1586370.00	171188.00	26236.80	2-3	171.25	2.058
3553	120.00	17	SLU	-769156.00	22375.10	3367.92	-1586370.00	171240.00	26248.50	2-3	171.25	2.062
3554	180.00	17	SLU	-765303.00	20790.10	3129.36	-1586370.00	171373.00	26278.30	2-3	171.25	2.073
3555	240.00	17	SLU	-759289.00	17726.90	2668.27	-1586370.00	171566.00	26322.90	2-3	171.25	2.089
3556	300.00	17	SLU	-751278.00	13821.80	2080.48	-1586370.00	171802.00	26379.10	2-3	171.25	2.112
3557	360.00	17	SLU	-741413.00	9765.14	1469.86	-1586370.00	172003.00	26409.80	2-3	171.25	2.140
3558	420.00	17	SLU	-729821.00	6113.90	920.27	-1586370.00	172159.00	26422.20	2-3	171.25	2.174
3559	480.00	17	SLU	-716620.00	3209.21	483.05	-1586370.00	172274.00	26426.60	2-3	171.25	2.214
3560	540.00	17	SLU	-701920.00	1169.64	176.06	-1586370.00	172316.00	26417.90	2-3	171.25	2.260

3561	600.00	17	SLU	-686410.00	-74.74	-11.25	-1586370.00	-172266.00	-26394.10	2-3	351.25	2.311
3562	660.00	17	SLU	-670434.00	-695.57	-104.70	-1586370.00	-172095.00	-26364.80	2-3	351.25	2.366
3563	720.00	17	SLU	-654031.00	-887.98	-133.66	-1586370.00	-171674.00	-26393.80	2-3	351.25	2.426
3564	780.00	17	SLU	-637239.00	-827.05	-124.49	-1586370.00	-171123.00	-26408.30	2-3	351.25	2.489
3565	840.00	17	SLU	-620095.00	-647.99	-97.54	-1586370.00	-170438.00	-26407.70	2-3	351.25	2.558
3566	900.00	17	SLU	-602636.00	-441.52	-66.46	-1586370.00	-169615.00	-26391.70	2-3	351.25	2.632
3567	960.00	17	SLU	-584898.00	-259.08	-39.00	-1586370.00	-168562.00	-26236.40	2-3	351.25	2.712
3568	1020.00	17	SLU	-566916.00	-122.37	-18.42	-1586370.00	-167309.00	-25993.90	2-3	351.25	2.798
3569	1080.00	17	SLU	-548724.00	-33.81	-5.09	-1586370.00	-165898.00	-25724.20	2-3	351.25	2.891
3570	1140.00	17	SLU	-530356.00	14.48	2.18	-1586370.00	164323.00	25426.30	2-3	171.25	2.991
3571	1200.00	17	SLU	-511845.00	34.06	5.13	-1586370.00	162591.00	25101.30	2-3	171.25	3.099
3572	1260.00	17	SLU	-493222.00	36.16	5.44	-1586370.00	160704.00	24749.40	2-3	171.25	3.216
3573	1320.00	17	SLU	-474520.00	29.65	4.46	-1586370.00	158648.00	24321.00	2-3	171.25	3.343
3574	1380.00	17	SLU	-455769.00	20.46	3.08	-1586370.00	156285.00	24003.50	2-3	171.25	3.481
3575	1440.00	17	SLU	-436999.00	11.96	1.80	-1586370.00	153705.00	23729.80	2-3	171.25	3.630
3576	1500.00	17	SLU	-418241.00	5.58	0.84	-1586370.00	150966.00	23438.80	2-3	171.25	3.793
3577	1560.00	17	SLU	-399524.00	1.52	0.23	-1586370.00	148072.00	23131.50	2-3	171.25	3.971
3578	1620.00	17	SLU	-380875.00	-0.61	-0.09	-1586370.00					4.165
3579	1680.00	17	SLU	-362324.00	-1.41	-0.21	-1586370.00	-141817.00	-22335.00	2-3	351.25	4.378
3580	1740.00	17	SLU	-343898.00	-1.44	-0.22	-1586370.00	-138382.00	-21634.30	2-3	351.25	4.613
3581	1800.00	17	SLU	-325624.00	-1.12	-0.17	-1586370.00	-134818.00	-20903.10	2-3	351.25	4.872
3582	1860.00	17	SLU	-307529.00	-0.73	-0.11	-1586370.00					5.158
3583	1920.00	17	SLU	-289639.00	-0.39	-0.06	-1586370.00					5.477
3584	1980.00	17	SLU	-271980.00	-0.15	-0.02	-1586370.00					5.833
3585	2040.00	17	SLU	-254578.00	-0.02	-0.00	-1586370.00					6.231
3586	2100.00	17	SLU	-237458.00	0.04	0.01	-1586370.00					6.681
3587	2160.00	17	SLU	-220644.00	0.06	0.01	-1586370.00					7.190
3588	2220.00	17	SLU	-204162.00	0.05	0.01	-1586370.00					7.770
3589	2280.00	17	SLU	-188036.00	0.03	0.01	-1586370.00					8.437
3590	2340.00	17	SLU	-172289.00	0.02	0.00	-1586370.00					9.208
3591	2400.00	17	SLU	-156946.00	0.01	0.00	-1586370.00					10.108
3592	2460.00	17	SLU	-142416.00	0.00	0.00	-1586370.00					11.139
3593	2520.00	17	SLU	-128666.00	-0.00	-0.00	-1586370.00					12.329
3594	2580.00	17	SLU	-115633.00	-0.00	-0.00	-1586370.00					13.719
3595	2640.00	17	SLU	-103253.00	-0.00	-0.00	-1586370.00					15.364
3596	2700.00	17	SLU	-91460.20	-0.00	-0.00	-1586370.00					17.345
3597	2760.00	17	SLU	-80188.50	-0.00	-0.00	-1586370.00					19.783
3598	2820.00	17	SLU	-69370.10	-0.00	-0.00	-1586370.00					22.868
3599	2880.00	17	SLU	-58936.10	-0.00	-0.00	-1586370.00					26.917
3600	2940.00	17	SLU	-48815.50	0.00	0.00	-1586370.00					32.497
4001	0.00	17	SLU	-764174.00	14584.80	-15108.40	-1586370.00	119749.00	-125107.00	2-3	226.25	2.076
4002	60.00	17	SLU	-765352.00	15308.40	-15857.90	-1586370.00	119719.00	-125081.00	2-3	226.25	2.073
4003	120.00	17	SLU	-763861.00	15176.90	-15721.70	-1586370.00	119757.00	-125115.00	2-3	226.25	2.077
4004	180.00	17	SLU	-760008.00	13919.80	-14419.50	-1586370.00	119846.00	-125198.00	2-3	226.25	2.087
4005	240.00	17	SLU	-753994.00	11739.80	-12161.20	-1586370.00	119939.00	-125296.00	2-3	226.25	2.104
4006	300.00	17	SLU	-745983.00	9059.70	-9384.91	-1586370.00	120046.00	-125411.00	2-3	226.25	2.127
4007	360.00	17	SLU	-736118.00	6329.39	-6556.59	-1586370.00	120154.00	-125526.00	2-3	226.25	2.155
4008	420.00	17	SLU	-724526.00	3905.38	-4045.57	-1586370.00	120246.00	-125624.00	2-3	226.25	2.190
4009	480.00	17	SLU	-711325.00	1999.65	-2071.43	-1586370.00	120303.00	-125684.00	2-3	226.25	2.230
4010	540.00	17	SLU	-696625.00	678.10	-702.45	-1586370.00	120309.00	-125690.00	2-3	226.25	2.277
4011	600.00	17	SLU	-681115.00	-115.14	119.27	-1586370.00	-120250.00	125628.00	2-3	46.25	2.329
4012	660.00	17	SLU	-665139.00	-499.53	517.47	-1586370.00	-120119.00	125493.00	2-3	46.25	2.385
4013	720.00	17	SLU	-648736.00	-606.78	628.57	-1586370.00	-119910.00	125279.00	2-3	46.25	2.445
4014	780.00	17	SLU	-631943.00	-553.10	572.95	-1586370.00	-119615.00	124865.00	2-3	46.25	2.510
4015	840.00	17	SLU	-614800.00	-426.97	442.30	-1586370.00	-119082.00	124262.00	2-3	46.25	2.580
4016	900.00	17	SLU	-597341.00	-286.97	297.27	-1586370.00	-118380.00	123544.00	2-3	46.25	2.656
4017	960.00	17	SLU	-579603.00	-165.58	171.53	-1586370.00	-117568.00	122714.00	2-3	46.25	2.737
4018	1020.00	17	SLU	-561621.00	-75.92	78.64	-1586370.00	-116645.00	121768.00	2-3	46.25	2.825
4019	1080.00	17	SLU	-543429.00	-18.68	19.35	-1586370.00	-115610.00	120708.00	2-3	46.25	2.919
4020	1140.00	17	SLU	-525061.00	11.90	-12.33	-1586370.00	114463.00	-119529.00	2-3	226.25	3.021
4021	1200.00	17	SLU	-506550.00	23.76	-24.61	-1586370.00	113202.00	-118232.00	2-3	226.25	3.132
4022	1260.00	17	SLU	-487927.00	24.39	-25.27	-1586370.00	111833.00	-116821.00	2-3	226.25	3.251
4023	1320.00	17	SLU	-469225.00	19.63	-20.34	-1586370.00	110358.00	-115297.00	2-3	226.25	3.381
4024	1380.00	17	SLU	-450474.00	13.35	-13.83	-1586370.00	108778.00	-113660.00	2-3	226.25	3.522
4025	1440.00	17	SLU	-431704.00	7.68	-7.95	-1586370.00	107098.00	-111916.00	2-3	226.25	3.675
4026	1500.00	17	SLU	-412946.00	3.48	-3.60	-1586370.00	105387.00	-109818.00	2-3	226.25	3.842
4027	1560.00	17	SLU	-394229.00	0.85	-0.88	-1586370.00	103340.00	-107591.00	2-3	226.25	4.024
4028	1620.00	17	SLU	-375580.00	-0.50	0.52	-1586370.00					4.224
4029	1680.00	17	SLU	-357029.00	-0.98	1.01	-1586370.00	-98600.00	102884.00	2-3	46.25	4.443
4030	1740.00	17	SLU	-338603.00	-0.97	1.00	-1586370.00	-96077.30	100337.00	2-3	46.25	4.685
4031	1800.00	17	SLU	-320329.00	-0.74	0.77	-1586370.00	-93478.20	97664.20	2-3	46.25	4.952
4032	1860.00	17	SLU	-302234.00	-0.47	0.49	-1586370.00					5.249
4033	1920.00	17	SLU	-284344.00	-0.25	0.26	-1586370.00					5.579
4034	1980.00	17	SLU	-266685.00	-0.09	0.10	-1586370.00					5.949
4035	2040.00	17	SLU	-249283.00	-0.01	0.01	-1586370.00					6.364
4036	2100.00	17	SLU	-232162.00	0.03	-0.03	-1586370.00					6.833
4037	2160.00	17	SLU	-215349.00	0.04	-0.04	-1586370.00					7.367
4038	2220.00	17	SLU	-198867.00	0.03	-0.04	-1586370.00					7.977
4039	2280.00	17	SLU	-182741.00	0.02	-0.02	-1586370.00					8.681
4040	2340.00	17	SLU	-166994.00	0.01	-0.01	-1586370.00					9.500
4041	2400.00	17	SLU	-152110.00	0.01	-0.01	-1586370.00					10.429
4042	2460.00	17	SLU	-138042.00	0.00	-0.00	-1586370.00					11.492
4043	2520.00	17	SLU	-124730.00	-0.00	0.00	-1586370.00					12.719
4044	2580.00	17	SLU	-112113.00	-0.00	0.00	-1586370.00					14.150

4045	2640.00	17	SLU	-100128.00	-0.00	0.00	-1586370.00						15.843
4046	2700.00	17	SLU	-88712.50	-0.00	0.00	-1586370.00						17.882
4047	2760.00	17	SLU	-77802.10	-0.00	0.00	-1586370.00						20.390
4048	2820.00	17	SLU	-67331.50	-0.00	0.00	-1586370.00						23.561
4049	2880.00	17	SLU	-57233.70	-0.00	0.00	-1586370.00						27.717
4050	2940.00	17	SLU	-47440.40	0.00	0.00	-1586370.00						33.439
4451	0.00	17	SLU	-639119.00	-2200.97	-22414.00	-1586370.00	-17027.30	-171976.00	2-3	275.63	2.482	
4452	60.00	17	SLU	-640297.00	-2244.64	-22858.80	-1586370.00	-17025.50	-172017.00	2-3	275.63	2.478	
4453	120.00	17	SLU	-638806.00	-2174.86	-22148.10	-1586370.00	-17027.80	-171965.00	2-3	275.63	2.483	
4454	180.00	17	SLU	-634952.00	-1958.31	-19942.80	-1586370.00	-17033.10	-171825.00	2-3	275.63	2.498	
4455	240.00	17	SLU	-628938.00	-1625.46	-16553.20	-1586370.00	-17040.10	-171591.00	2-3	275.63	2.522	
4456	300.00	17	SLU	-620927.00	-1235.14	-12578.30	-1586370.00	-17047.10	-171257.00	2-3	275.63	2.555	
4457	360.00	17	SLU	-611062.00	-848.15	-8637.32	-1586370.00	-17052.50	-170810.00	2-3	275.63	2.596	
4458	420.00	17	SLU	-599470.00	-511.31	-5207.05	-1586370.00	-17053.90	-170228.00	2-3	275.63	2.646	
4459	480.00	17	SLU	-586269.00	-251.12	-2557.35	-1586370.00	-15194.60	-169645.00	2-3	275.00	2.706	
4460	540.00	17	SLU	-571569.00	-74.12	-754.84	-1586370.00	-15183.10	-168747.00	2-3	275.00	2.775	
4461	600.00	17	SLU	-556059.00	29.39	299.27	-1586370.00	15001.70	167598.00	2-3	95.00	2.853	
4462	660.00	17	SLU	-540083.00	77.13	785.46	-1586370.00	16582.90	166110.00	2-3	95.63	2.937	
4463	720.00	17	SLU	-523680.00	87.85	894.60	-1586370.00	16304.50	164633.00	2-3	95.63	3.029	
4464	780.00	17	SLU	-506888.00	77.68	791.09	-1586370.00	16004.20	163001.00	2-3	95.63	3.130	
4465	840.00	17	SLU	-489744.00	58.67	597.53	-1586370.00	15682.60	161212.00	2-3	95.63	3.239	
4466	900.00	17	SLU	-472286.00	38.62	393.28	-1586370.00	15538.10	159083.00	2-3	95.63	3.359	
4467	960.00	17	SLU	-454548.00	21.70	220.96	-1586370.00	15387.50	156772.00	2-3	95.63	3.490	
4468	1020.00	17	SLU	-436566.00	9.46	96.36	-1586370.00	15226.50	154275.00	2-3	95.63	3.634	
4469	1080.00	17	SLU	-418374.00	1.83	18.59	-1586370.00	15053.50	151601.00	2-3	95.63	3.792	
4470	1140.00	17	SLU	-400006.00	-2.12	-21.61	-1586370.00	-14866.50	-148751.00	2-3	275.63	3.966	
4471	1200.00	17	SLU	-381494.00	-3.54	-36.00	-1586370.00	-13037.90	-145829.00	2-3	275.00	4.158	
4472	1260.00	17	SLU	-362872.00	-3.47	-35.31	-1586370.00	-12843.20	-142630.00	2-3	275.00	4.372	
4473	1320.00	17	SLU	-344170.00	-2.72	-27.69	-1586370.00	-12635.00	-139271.00	2-3	275.00	4.609	
4474	1380.00	17	SLU	-325419.00	-1.81	-18.41	-1586370.00	-12217.90	-135670.00	2-3	275.00	4.875	
4475	1440.00	17	SLU	-306649.00	-1.01	-10.31	-1586370.00	-13023.10	-131702.00	2-3	275.63	5.173	
4476	1500.00	17	SLU	-287891.00	-0.44	-4.45	-1586370.00	-12347.60	-127709.00	2-3	275.63	5.510	
4477	1560.00	17	SLU	-269436.00	-0.09	-0.88	-1586370.00					5.888	
4478	1620.00	17	SLU	-251818.00	0.09	0.90	-1586370.00					6.300	
4479	1680.00	17	SLU	-235029.00	0.14	1.47	-1586370.00	11858.10	115267.00	2-3	96.25	6.750	
4480	1740.00	17	SLU	-219054.00	0.14	1.39	-1586370.00	11566.10	111111.00	2-3	96.25	7.242	
4481	1800.00	17	SLU	-203876.00	0.10	1.04	-1586370.00	11308.50	107030.00	2-3	96.25	7.781	
4482	1860.00	17	SLU	-189474.00	0.06	0.65	-1586370.00					8.373	
4483	1920.00	17	SLU	-175826.00	0.03	0.33	-1586370.00					9.022	
4484	1980.00	17	SLU	-162907.00	0.01	0.11	-1586370.00					9.738	
4485	2040.00	17	SLU	-150689.00	-0.00	-0.00	-1586370.00					10.527	
4486	2100.00	17	SLU	-139143.00	-0.01	-0.05	-1586370.00					11.401	
4487	2160.00	17	SLU	-128241.00	-0.01	-0.06	-1586370.00					12.370	
4488	2220.00	17	SLU	-117951.00	-0.00	-0.05	-1586370.00					13.450	
4489	2280.00	17	SLU	-108240.00	-0.00	-0.03	-1586370.00					14.656	
4490	2340.00	17	SLU	-99075.90	-0.00	-0.02	-1586370.00					16.012	
4491	2400.00	17	SLU	-90425.30	-0.00	-0.01	-1586370.00					17.544	
4492	2460.00	17	SLU	-82253.90	-0.00	-0.00	-1586370.00					19.286	
4493	2520.00	17	SLU	-74527.40	0.00	0.00	-1586370.00					21.286	
4494	2580.00	17	SLU	-67210.70	0.00	0.00	-1586370.00					23.603	
4495	2640.00	17	SLU	-60268.60	0.00	0.00	-1586370.00					26.322	
4496	2700.00	17	SLU	-53665.20	0.00	0.00	-1586370.00					29.561	
4497	2760.00	17	SLU	-47364.20	0.00	0.00	-1586370.00					33.493	
4498	2820.00	17	SLU	-41328.50	0.00	0.00	-1586370.00					38.384	
4499	2880.00	17	SLU	-35520.60	0.00	0.00	-1586370.00					44.661	
4500	2940.00	17	SLU	-29901.90	0.00	0.00	-1586370.00					53.053	

Stato limite elastico - Verifiche a flessione/pressoflessione

Caso	X <cm>	CC	TCC	N <daN>	My <daNm>	Mz <daNm>	Nu <daN>	M'yd <daNm>	M'yz <daNm>	Rott.	α <grad>	Sic.
1	0.00	1	SLV(E)	-408119.00	-5281.53	-16178.10	-972502.00	-42182.20	-129514.00	2-3	288.13	2.383
2	60.00	1	SLV(E)	-409297.00	-5271.14	-16146.30	-972502.00	-42261.50	-129724.00	2-3	288.13	2.376
3	120.00	1	SLV(E)	-407834.00	-5015.85	-15364.30	-972502.00	-42163.30	-129464.00	2-3	288.13	2.385
4	180.00	1	SLV(E)	-403980.00	-4449.00	-13627.90	-972502.00	-41903.90	-128777.00	2-3	288.13	2.407
5	240.00	1	SLV(E)	-397966.00	-3643.49	-11160.50	-972502.00	-41495.80	-127695.00	2-3	288.13	2.444
6	300.00	1	SLV(E)	-390034.00	-2731.71	-8367.65	-972502.00	-40952.50	-126258.00	2-3	288.13	2.493
7	360.00	1	SLV(E)	-380410.00	-1847.10	-5657.94	-972502.00	-40396.90	-124420.00	2-3	288.13	2.556
8	420.00	1	SLV(E)	-369313.00	-1089.74	-3338.03	-972502.00	-39751.90	-122255.00	2-3	288.13	2.633
9	480.00	1	SLV(E)	-356948.00	-513.55	-1573.09	-972502.00	-39018.80	-119790.00	2-3	288.13	2.724
10	540.00	1	SLV(E)	-343507.00	-128.26	-392.89	-972502.00	-38210.90	-117068.00	2-3	288.13	2.831
11	600.00	1	SLV(E)	-329697.00	91.64	280.71	-972502.00	37372.60	114235.00	2-3	108.13	2.950
12	660.00	1	SLV(E)	-315871.00	188.15	576.33	-972502.00	36479.20	111291.00	2-3	108.13	3.079
13	720.00	1	SLV(E)	-302096.00	204.26	625.67	-972502.00	35545.90	108306.00	2-3	108.13	3.219
14	780.00	1	SLV(E)	-288431.00	176.23	539.83	-972502.00	34605.80	105293.00	2-3	108.13	3.372
15	840.00	1	SLV(E)	-274931.00	130.67	400.27	-972502.00	33669.00	102285.00	2-3	108.13	3.537
16	900.00	1	SLV(E)	-261642.00	84.43	258.62	-972502.00	31620.10	99674.70	2-3	107.50	3.717
17	960.00	1	SLV(E)	-248607.00	46.28	141.76	-972502.00	30689.40	96595.80	2-3	107.50	3.912
18	1020.00	1	SLV(E)	-235861.00	19.20	58.81	-972502.00	29767.40	93541.30	2-3	107.50	4.123
19	1080.00	1	SLV(E)	-223437.00	2.64	8.07	-972502.00	28859.40	90529.60	2-3	107.50	4.352
20	1140.00	1	SLV(E)	-211359.00	-5.67	-17.35	-972502.00	-27970.80	-87577.00	2-3	287.50	4.601
21	1200.00	1	SLV(E)	-199649.00	-8.39	-25.71	-972502.00	-27077.60	-84634.60	2-3	287.50	4.871
22	1260.00	1	SLV(E)	-188325.00	-7.94	-24.34	-972502.00	-25971.30	-81794.70	2-3	287.50	5.164
23	1320.00	1	SLV(E)	-177399.00	-6.09	-18.67	-972502.00	-25739.00	-78680.80	2-3	288.13	5.482

24	1380.00	1	SLV(E)	-166881.00	-3.97	-12.17	-972502.00	-24654.90	-76005.30	2-3	288.13	5.827
25	1440.00	1	SLV(E)	-156778.00	-2.17	-6.65	-972502.00	-24411.80	-73097.60	2-3	288.75	6.203
26	1500.00	1	SLV(E)	-147093.00	-0.90	-2.74	-972502.00	-23569.30	-70523.30	2-3	288.75	6.611
27	1560.00	1	SLV(E)	-137826.00	-0.13	-0.41	-972502.00					7.056
28	1620.00	1	SLV(E)	-128975.00	0.23	0.72	-972502.00					7.540
29	1680.00	1	SLV(E)	-120536.00	0.34	1.05	-972502.00	21173.20	63139.60	2-3	108.75	8.068
30	1740.00	1	SLV(E)	-112502.00	0.31	0.96	-972502.00	20438.00	60866.10	2-3	108.75	8.644
31	1800.00	1	SLV(E)	-104867.00	0.23	0.70	-972502.00					9.274
32	1860.00	1	SLV(E)	-97619.70	0.14	0.43	-972502.00					9.962
33	1920.00	1	SLV(E)	-90750.00	0.07	0.21	-972502.00					10.716
34	1980.00	1	SLV(E)	-84245.90	0.02	0.07	-972502.00					11.544
35	2040.00	1	SLV(E)	-78094.60	-0.00	-0.01	-972502.00					12.453
36	2100.00	1	SLV(E)	-72282.40	-0.01	-0.04	-972502.00					13.454
37	2160.00	1	SLV(E)	-66794.90	-0.01	-0.04	-972502.00					14.559
38	2220.00	1	SLV(E)	-61617.10	-0.01	-0.03	-972502.00					15.783
39	2280.00	1	SLV(E)	-56733.60	-0.01	-0.02	-972502.00					17.142
40	2340.00	1	SLV(E)	-52128.80	-0.00	-0.01	-972502.00					18.656
41	2400.00	1	SLV(E)	-47786.40	-0.00	-0.00	-972502.00					20.351
42	2460.00	1	SLV(E)	-43690.30	-0.00	-0.00	-972502.00					22.259
43	2520.00	1	SLV(E)	-39823.90	0.00	0.00	-972502.00					24.420
44	2580.00	1	SLV(E)	-36170.60	0.00	0.00	-972502.00					26.887
45	2640.00	1	SLV(E)	-32713.60	0.00	0.00	-972502.00					29.728
46	2700.00	1	SLV(E)	-29435.80	0.00	0.00	-972502.00					33.038
47	2760.00	1	SLV(E)	-26320.20	0.00	0.00	-972502.00					36.949
48	2820.00	1	SLV(E)	-23349.50	0.00	0.00	-972502.00					41.650
49	2880.00	1	SLV(E)	-20506.10	0.00	0.00	-972502.00					47.425
50	2940.00	1	SLV(E)	-17772.00	0.00	0.00	-972502.00					54.721
51	0.00	3	SLV(E)	-402484.00	-5823.93	-15999.80	-972502.00	-45937.40	-126873.00	2-3	290.00	2.416
52	60.00	3	SLV(E)	-403662.00	-5812.41	-15968.20	-972502.00	-46022.50	-127084.00	2-3	290.00	2.409
53	120.00	3	SLV(E)	-402233.00	-5530.85	-15194.70	-972502.00	-45919.30	-126829.00	2-3	290.00	2.418
54	180.00	3	SLV(E)	-398439.00	-4905.77	-13477.40	-972502.00	-45644.60	-126152.00	2-3	290.00	2.441
55	240.00	3	SLV(E)	-392520.00	-4017.53	-11037.20	-972502.00	-45214.30	-125093.00	2-3	290.00	2.478
56	300.00	3	SLV(E)	-384706.00	-3012.13	-8275.11	-972502.00	-44632.40	-123661.00	2-3	290.00	2.528
57	360.00	3	SLV(E)	-375224.00	-2036.70	-5595.33	-972502.00	-43911.20	-121888.00	2-3	290.00	2.592
58	420.00	3	SLV(E)	-364287.00	-1201.58	-3301.05	-972502.00	-43208.50	-119759.00	2-3	290.00	2.670
59	480.00	3	SLV(E)	-352098.00	-566.25	-1555.63	-972502.00	-42419.80	-117344.00	2-3	290.00	2.762
60	540.00	3	SLV(E)	-338847.00	-141.41	-388.49	-972502.00	-41546.70	-114672.00	2-3	290.00	2.870
61	600.00	3	SLV(E)	-325231.00	101.06	277.65	-972502.00	40629.30	111864.00	2-3	110.00	2.990
62	660.00	3	SLV(E)	-311599.00	207.47	569.98	-972502.00	39683.00	108965.00	2-3	110.00	3.121
63	720.00	3	SLV(E)	-298016.00	225.23	618.76	-972502.00	38727.80	106026.00	2-3	110.00	3.263
64	780.00	3	SLV(E)	-284542.00	194.33	533.87	-972502.00	37746.90	103065.00	2-3	110.00	3.418
65	840.00	3	SLV(E)	-271230.00	144.09	395.84	-972502.00	36746.50	100110.00	2-3	110.00	3.586
66	900.00	3	SLV(E)	-258125.00	93.10	255.76	-972502.00	35732.30	97102.80	2-3	110.00	3.768
67	960.00	3	SLV(E)	-245271.00	51.03	140.19	-972502.00	34721.50	94095.20	2-3	110.00	3.965
68	1020.00	3	SLV(E)	-232702.00	21.17	58.16	-972502.00	33723.00	91112.80	2-3	110.00	4.179
69	1080.00	3	SLV(E)	-220448.00	2.91	7.98	-972502.00	32739.80	88162.70	2-3	110.00	4.411
70	1140.00	3	SLV(E)	-208537.00	-6.25	-17.16	-972502.00	-31574.70	-85343.90	2-3	290.00	4.663
71	1200.00	3	SLV(E)	-196988.00	-9.26	-25.43	-972502.00	-30377.20	-82521.10	2-3	290.00	4.937
72	1260.00	3	SLV(E)	-185820.00	-8.76	-24.07	-972502.00	-29197.70	-79761.90	2-3	290.00	5.234
73	1320.00	3	SLV(E)	-175044.00	-6.72	-18.46	-972502.00	-28038.90	-77065.00	2-3	290.00	5.556
74	1380.00	3	SLV(E)	-164670.00	-4.38	-12.04	-972502.00	-26902.50	-74447.60	2-3	290.00	5.906
75	1440.00	3	SLV(E)	-154706.00	-2.39	-6.58	-972502.00	-25794.70	-71913.30	2-3	290.00	6.286
76	1500.00	3	SLV(E)	-145153.00	-0.99	-2.71	-972502.00	-24780.70	-69407.60	2-3	290.00	6.700
77	1560.00	3	SLV(E)	-136012.00	-0.15	-0.40	-972502.00					7.150
78	1620.00	3	SLV(E)	-127281.00	0.26	0.71	-972502.00					7.641
79	1680.00	3	SLV(E)	-118957.00	0.38	1.04	-972502.00	22286.10	62168.50	2-3	110.00	8.175
80	1740.00	3	SLV(E)	-111033.00	0.34	0.95	-972502.00	21522.00	59942.10	2-3	110.00	8.759
81	1800.00	3	SLV(E)	-103501.00	0.25	0.69	-972502.00					9.396
82	1860.00	3	SLV(E)	-96352.20	0.15	0.42	-972502.00					10.093
83	1920.00	3	SLV(E)	-89575.70	0.08	0.21	-972502.00					10.857
84	1980.00	3	SLV(E)	-83159.80	0.02	0.07	-972502.00					11.694
85	2040.00	3	SLV(E)	-77091.80	-0.00	-0.01	-972502.00					12.615
86	2100.00	3	SLV(E)	-71358.30	-0.01	-0.04	-972502.00					13.628
87	2160.00	3	SLV(E)	-65945.00	-0.01	-0.04	-972502.00					14.747
88	2220.00	3	SLV(E)	-60837.30	-0.01	-0.03	-972502.00					15.985
89	2280.00	3	SLV(E)	-56019.90	-0.01	-0.02	-972502.00					17.360
90	2340.00	3	SLV(E)	-51477.40	-0.00	-0.01	-972502.00					18.892
91	2400.00	3	SLV(E)	-47194.00	-0.00	-0.00	-972502.00					20.607
92	2460.00	3	SLV(E)	-43153.50	-0.00	-0.00	-972502.00					22.536
93	2520.00	3	SLV(E)	-39339.70	0.00	0.00	-972502.00					24.721
94	2580.00	3	SLV(E)	-35736.20	0.00	0.00	-972502.00					27.213
95	2640.00	3	SLV(E)	-32326.40	0.00	0.00	-972502.00					30.084
96	2700.00	3	SLV(E)	-29093.70	0.00	0.00	-972502.00					33.427
97	2760.00	3	SLV(E)	-26021.10	0.00	0.00	-972502.00					37.374
98	2820.00	3	SLV(E)	-23091.70	0.00	0.00	-972502.00					42.115
99	2880.00	3	SLV(E)	-20288.00	0.00	0.00	-972502.00					47.935
100	2940.00	3	SLV(E)	-17592.50	0.00	0.00	-972502.00					55.279
101	0.00	5	SLV(E)	-350304.00	-4687.67	-16351.50	-972502.00	-34894.00	-119829.00	2-3	286.25	2.776
102	60.00	5	SLV(E)	-351482.00	-4673.44	-16301.90	-972502.00	-34962.30	-120069.00	2-3	286.25	2.767
103	120.00	5	SLV(E)	-350376.00	-4443.03	-15498.20	-972502.00	-34898.00	-119843.00	2-3	286.25	2.776
104	180.00	5	SLV(E)	-347196.00	-3937.87	-13736.10	-972502.00	-34714.00	-119198.00	2-3	286.25	2.801
105	240.00	5	SLV(E)	-342150.00	-3222.64	-11241.20	-972502.00	-34419.80	-118164.00	2-3	286.25	2.842
106	300.00	5	SLV(E)	-335441.00	-2414.47	-8422.13	-972502.00	-34028.80	-116787.00	2-3	286.25	2.899
107	360.00	5	SLV(E)	-327265.00	-1631.23	-5690.06	-972502.00	-33548.50	-115094.00	2-3	286.25	2.972

108	420.00	5	SLV(E)	-317810.00	-961.24	-3353.00	-972502.00	-32972.20	-113061.00	2-3	286.25	3.060
109	480.00	5	SLV(E)	-307251.00	-451.94	-1576.45	-972502.00	-32317.60	-110752.00	2-3	286.25	3.165
110	540.00	5	SLV(E)	-295756.00	-111.69	-389.58	-972502.00	-31597.00	-108212.00	2-3	286.25	3.288
111	600.00	5	SLV(E)	-283935.00	82.26	286.93	-972502.00	30847.40	105574.00	2-3	106.25	3.425
112	660.00	5	SLV(E)	-272095.00	167.13	582.97	-972502.00	30087.20	102903.00	2-3	106.25	3.574
113	720.00	5	SLV(E)	-260293.00	181.00	631.38	-972502.00	29310.00	100176.00	2-3	106.25	3.736
114	780.00	5	SLV(E)	-248580.00	155.98	544.08	-972502.00	28511.90	97380.30	2-3	106.25	3.912
115	840.00	5	SLV(E)	-237005.00	115.54	403.02	-972502.00	27715.60	94591.90	2-3	106.25	4.103
116	900.00	5	SLV(E)	-225606.00	74.58	260.14	-972502.00	26924.50	91822.20	2-3	106.25	4.311
117	960.00	5	SLV(E)	-214422.00	40.82	142.40	-972502.00	26142.00	89081.90	2-3	106.25	4.535
118	1020.00	5	SLV(E)	-203483.00	16.89	58.91	-972502.00	25364.90	86359.60	2-3	106.25	4.779
119	1080.00	5	SLV(E)	-192816.00	2.26	7.90	-972502.00	24577.30	83600.30	2-3	106.25	5.044
120	1140.00	5	SLV(E)	-182443.00	-5.05	-17.63	-972502.00	-23633.40	-80946.80	2-3	286.25	5.330
121	1200.00	5	SLV(E)	-172384.00	-7.45	-25.98	-972502.00	-22672.20	-78358.80	2-3	286.25	5.641
122	1260.00	5	SLV(E)	-162654.00	-7.03	-24.54	-972502.00	-21930.10	-75782.20	2-3	286.25	5.979
123	1320.00	5	SLV(E)	-153264.00	-5.39	-18.80	-972502.00	-21212.60	-73285.00	2-3	286.25	6.345
124	1380.00	5	SLV(E)	-144223.00	-3.51	-12.25	-972502.00	-20508.50	-70826.80	2-3	286.25	6.743
125	1440.00	5	SLV(E)	-135536.00	-1.92	-6.68	-972502.00	-19813.10	-68390.90	2-3	286.25	7.175
126	1500.00	5	SLV(E)	-127207.00	-0.79	-2.75	-972502.00	-19141.10	-66028.10	2-3	286.25	7.645
127	1560.00	5	SLV(E)	-119235.00	-0.11	-0.40	-972502.00					8.156
128	1620.00	5	SLV(E)	-111620.00	0.21	0.73	-972502.00					8.713
129	1680.00	5	SLV(E)	-104358.00	0.30	1.06	-972502.00	17288.50	59487.50	2-3	106.25	9.319
130	1740.00	5	SLV(E)	-97443.80	0.28	0.96	-972502.00	16722.70	57491.20	2-3	106.25	9.980
131	1800.00	5	SLV(E)	-90871.10	0.20	0.70	-972502.00					10.702
132	1860.00	5	SLV(E)	-84631.60	0.12	0.43	-972502.00					11.491
133	1920.00	5	SLV(E)	-78716.50	0.06	0.21	-972502.00					12.354
134	1980.00	5	SLV(E)	-73115.60	0.02	0.07	-972502.00					13.301
135	2040.00	5	SLV(E)	-67817.90	-0.00	-0.01	-972502.00					14.340
136	2100.00	5	SLV(E)	-62811.90	-0.01	-0.04	-972502.00					15.483
137	2160.00	5	SLV(E)	-58085.50	-0.01	-0.04	-972502.00					16.743
138	2220.00	5	SLV(E)	-53625.80	-0.01	-0.03	-972502.00					18.135
139	2280.00	5	SLV(E)	-49419.80	-0.01	-0.02	-972502.00					19.678
140	2340.00	5	SLV(E)	-45454.10	-0.00	-0.01	-972502.00					21.395
141	2400.00	5	SLV(E)	-41715.00	-0.00	-0.00	-972502.00					23.313
142	2460.00	5	SLV(E)	-38188.80	-0.00	-0.00	-972502.00					25.466
143	2520.00	5	SLV(E)	-34861.40	0.00	0.00	-972502.00					27.896
144	2580.00	5	SLV(E)	-31718.60	0.00	0.00	-972502.00					30.660
145	2640.00	5	SLV(E)	-28746.30	0.00	0.00	-972502.00					33.831
146	2700.00	5	SLV(E)	-25929.90	0.00	0.00	-972502.00					37.505
147	2760.00	5	SLV(E)	-23255.10	0.00	0.00	-972502.00					41.819
148	2820.00	5	SLV(E)	-20707.10	0.00	0.00	-972502.00					46.965
149	2880.00	5	SLV(E)	-18271.10	0.00	0.00	-972502.00					53.226
150	2940.00	5	SLV(E)	-15932.00	0.00	0.00	-972502.00					61.041
151	0.00	7	SLV(E)	-344668.00	-5230.07	-16173.20	-972502.00	-37056.00	-117775.00	2-3	287.50	2.822
152	60.00	7	SLV(E)	-345847.00	-5213.07	-16120.70	-972502.00	-37125.20	-118017.00	2-3	287.50	2.812
153	120.00	7	SLV(E)	-344775.00	-4955.15	-15323.10	-972502.00	-37062.40	-117798.00	2-3	287.50	2.821
154	180.00	7	SLV(E)	-341661.00	-4391.07	-13578.70	-972502.00	-36880.00	-117161.00	2-3	287.50	2.846
155	240.00	7	SLV(E)	-336710.00	-3593.02	-11110.90	-972502.00	-36589.20	-116144.00	2-3	287.50	2.888
156	300.00	7	SLV(E)	-330120.00	-2691.57	-8323.30	-972502.00	-36193.90	-114788.00	2-3	287.50	2.946
157	360.00	7	SLV(E)	-322086.00	-1818.14	-5622.35	-972502.00	-35679.40	-113090.00	2-3	287.50	3.019
158	420.00	7	SLV(E)	-312790.00	-1071.13	-3312.30	-972502.00	-35075.10	-111095.00	2-3	287.50	3.109
159	480.00	7	SLV(E)	-302408.00	-503.36	-1556.58	-972502.00	-34387.80	-108825.00	2-3	287.50	3.216
160	540.00	7	SLV(E)	-291102.00	-124.12	-383.84	-972502.00	-33632.80	-106331.00	2-3	287.50	3.341
161	600.00	7	SLV(E)	-279475.00	91.98	284.44	-972502.00	32847.80	103736.00	2-3	107.50	3.480
162	660.00	7	SLV(E)	-267828.00	186.50	576.71	-972502.00	32056.00	101116.00	2-3	107.50	3.631
163	720.00	7	SLV(E)	-256218.00	201.88	624.30	-972502.00	31234.40	98399.50	2-3	107.50	3.796
164	780.00	7	SLV(E)	-244696.00	173.92	537.84	-972502.00	30407.60	95662.20	2-3	107.50	3.974
165	840.00	7	SLV(E)	-233308.00	128.81	398.32	-972502.00	29580.80	92923.50	2-3	107.50	4.168
166	900.00	7	SLV(E)	-222094.00	83.13	257.06	-972502.00	28760.90	90202.40	2-3	107.50	4.379
167	960.00	7	SLV(E)	-211090.00	45.49	140.68	-972502.00	27951.70	87513.60	2-3	107.50	4.607
168	1020.00	7	SLV(E)	-200327.00	18.81	58.16	-972502.00	27137.50	84805.70	2-3	107.50	4.855
169	1080.00	7	SLV(E)	-189831.00	2.51	7.76	-972502.00	26120.00	82176.40	2-3	107.50	5.123
170	1140.00	7	SLV(E)	-179625.00	-5.64	-17.45	-972502.00	-25102.80	-79584.10	2-3	287.50	5.414
171	1200.00	7	SLV(E)	-169727.00	-8.31	-25.69	-972502.00	-24948.30	-76727.40	2-3	288.13	5.730
172	1260.00	7	SLV(E)	-160152.00	-7.85	-24.26	-972502.00	-23957.90	-74278.60	2-3	288.13	6.072
173	1320.00	7	SLV(E)	-150912.00	-6.01	-18.58	-972502.00	-23185.90	-71831.30	2-3	288.13	6.444
174	1380.00	7	SLV(E)	-142015.00	-3.91	-12.10	-972502.00	-22421.10	-69404.70	2-3	288.13	6.848
175	1440.00	7	SLV(E)	-133466.00	-2.14	-6.60	-972502.00	-21675.40	-67035.40	2-3	288.13	7.287
176	1500.00	7	SLV(E)	-125268.00	-0.88	-2.72	-972502.00	-20950.20	-64726.80	2-3	288.13	7.763
177	1560.00	7	SLV(E)	-117423.00	-0.13	-0.39	-972502.00					8.282
178	1620.00	7	SLV(E)	-109928.00	0.23	0.72	-972502.00					8.847
179	1680.00	7	SLV(E)	-102781.00	0.34	1.05	-972502.00	18950.10	58335.50	2-3	108.13	9.462
180	1740.00	7	SLV(E)	-95976.20	0.31	0.95	-972502.00	18342.10	56382.80	2-3	108.13	10.133
181	1800.00	7	SLV(E)	-89507.00	0.22	0.69	-972502.00					10.865
182	1860.00	7	SLV(E)	-83365.80	0.14	0.42	-972502.00					11.665
183	1920.00	7	SLV(E)	-77543.70	0.07	0.21	-972502.00					12.541
184	1980.00	7	SLV(E)	-72030.80	0.02	0.07	-972502.00					13.501
185	2040.00	7	SLV(E)	-66816.30	-0.00	-0.01	-972502.00					14.555
186	2100.00	7	SLV(E)	-61888.90	-0.01	-0.04	-972502.00					15.714
187	2160.00	7	SLV(E)	-57236.60	-0.01	-0.04	-972502.00					16.991
188	2220.00	7	SLV(E)	-52846.90	-0.01	-0.03	-972502.00					18.402
189	2280.00	7	SLV(E)	-48706.90	-0.01	-0.02	-972502.00					19.966
190	2340.00	7	SLV(E)	-44803.50	-0.00	-0.01	-972502.00					21.706
191	2400.00	7	SLV(E)	-41123.30	-0.00	-0.00	-972502.00					23.648

276	1500.00	11	SLV(E)	-136427.00	-0.72	-2.79	-972502.00	-18506.20	-69135.80	2-3	285.00	7.128
277	1560.00	11	SLV(E)	-127855.00	-0.11	-0.41	-972502.00					7.606
278	1620.00	11	SLV(E)	-119667.00	0.19	0.73	-972502.00					8.127
279	1680.00	11	SLV(E)	-111859.00	0.28	1.07	-972502.00	15984.10	62215.90	2-3	104.38	8.694
280	1740.00	11	SLV(E)	-104426.00	0.25	0.98	-972502.00	15434.80	60068.30	2-3	104.38	9.313
281	1800.00	11	SLV(E)	-97360.40	0.18	0.71	-972502.00					9.989
282	1860.00	11	SLV(E)	-90653.70	0.11	0.43	-972502.00					10.728
283	1920.00	11	SLV(E)	-84296.00	0.05	0.21	-972502.00					11.537
284	1980.00	11	SLV(E)	-78276.30	0.02	0.07	-972502.00					12.424
285	2040.00	11	SLV(E)	-72582.90	-0.00	-0.01	-972502.00					13.399
286	2100.00	11	SLV(E)	-67203.10	-0.01	-0.04	-972502.00					14.471
287	2160.00	11	SLV(E)	-62123.70	-0.01	-0.04	-972502.00					15.654
288	2220.00	11	SLV(E)	-57331.00	-0.01	-0.03	-972502.00					16.963
289	2280.00	11	SLV(E)	-52810.90	-0.01	-0.02	-972502.00					18.415
290	2340.00	11	SLV(E)	-48548.90	-0.00	-0.01	-972502.00					20.031
291	2400.00	11	SLV(E)	-44530.10	-0.00	-0.00	-972502.00					21.839
292	2460.00	11	SLV(E)	-40739.70	-0.00	-0.00	-972502.00					23.871
293	2520.00	11	SLV(E)	-37162.30	0.00	0.00	-972502.00					26.169
294	2580.00	11	SLV(E)	-33782.90	0.00	0.00	-972502.00					28.787
295	2640.00	11	SLV(E)	-30585.80	0.00	0.00	-972502.00					31.796
296	2700.00	11	SLV(E)	-27555.50	0.00	0.00	-972502.00					35.292
297	2760.00	11	SLV(E)	-24676.30	0.00	0.00	-972502.00					39.410
298	2820.00	11	SLV(E)	-21932.30	0.00	0.00	-972502.00					44.341
299	2880.00	11	SLV(E)	-19307.40	0.00	0.00	-972502.00					50.370
300	2940.00	11	SLV(E)	-16785.10	0.00	0.00	-972502.00					57.938
301	0.00	13	SLV(E)	-375674.00	-6248.87	-15852.50	-972502.00	-46598.20	-120860.00	2-3	291.25	2.589
302	60.00	13	SLV(E)	-376852.00	-6234.55	-15816.20	-972502.00	-46692.00	-121079.00	2-3	291.25	2.581
303	120.00	13	SLV(E)	-375589.00	-5930.95	-15046.00	-972502.00	-46591.10	-120843.00	2-3	291.25	2.589
304	180.00	13	SLV(E)	-372110.00	-5259.45	-13342.50	-972502.00	-46312.20	-120192.00	2-3	291.25	2.613
305	240.00	13	SLV(E)	-366639.00	-4306.29	-10924.40	-972502.00	-45871.30	-119162.00	2-3	291.25	2.652
306	300.00	13	SLV(E)	-359394.00	-3227.95	-8188.87	-972502.00	-45359.90	-117755.00	2-3	291.25	2.706
307	360.00	13	SLV(E)	-350583.00	-2182.09	-5535.67	-972502.00	-44756.90	-116016.00	2-3	291.25	2.774
308	420.00	13	SLV(E)	-340407.00	-1286.91	-3264.71	-972502.00	-44050.30	-113979.00	2-3	291.25	2.857
309	480.00	13	SLV(E)	-329056.00	-606.05	-1537.45	-972502.00	-43248.60	-111667.00	2-3	291.25	2.955
310	540.00	13	SLV(E)	-316707.00	-150.88	-382.77	-972502.00	-42349.30	-109073.00	2-3	291.25	3.071
311	600.00	13	SLV(E)	-304013.00	108.80	276.01	-972502.00	41413.50	106364.00	2-3	111.25	3.199
312	660.00	13	SLV(E)	-291302.00	222.66	564.87	-972502.00	40466.70	103611.00	2-3	111.25	3.338
313	720.00	13	SLV(E)	-278634.00	241.55	612.78	-972502.00	39513.50	100820.00	2-3	111.25	3.490
314	780.00	13	SLV(E)	-266065.00	208.33	528.51	-972502.00	38538.90	97996.50	2-3	111.25	3.655
315	840.00	13	SLV(E)	-253645.00	154.43	391.76	-972502.00	37523.90	95136.40	2-3	111.25	3.834
316	900.00	13	SLV(E)	-241417.00	99.75	253.05	-972502.00	36518.10	92284.90	2-3	111.25	4.028
317	960.00	13	SLV(E)	-229421.00	54.65	138.65	-972502.00	35521.20	89444.40	2-3	111.25	4.239
318	1020.00	13	SLV(E)	-217689.00	22.65	57.47	-972502.00	34325.40	86711.50	2-3	111.25	4.467
319	1080.00	13	SLV(E)	-206251.00	3.09	7.83	-972502.00	33128.90	84008.00	2-3	111.25	4.715
320	1140.00	13	SLV(E)	-195130.00	-6.71	-17.03	-972502.00	-31930.40	-81306.60	2-3	291.25	4.984
321	1200.00	13	SLV(E)	-184347.00	-9.93	-25.19	-972502.00	-30747.90	-78659.20	2-3	291.25	5.275
322	1260.00	13	SLV(E)	-173917.00	-9.39	-23.83	-972502.00	-29585.10	-76071.50	2-3	291.25	5.592
323	1320.00	13	SLV(E)	-163853.00	-7.20	-18.27	-972502.00	-28442.20	-73549.80	2-3	291.25	5.935
324	1380.00	13	SLV(E)	-154164.00	-4.70	-11.91	-972502.00	-27325.90	-71104.40	2-3	291.25	6.308
325	1440.00	13	SLV(E)	-144856.00	-2.56	-6.51	-972502.00	-26979.70	-68355.00	2-3	291.88	6.714
326	1500.00	13	SLV(E)	-135932.00	-1.06	-2.68	-972502.00	-25906.40	-66008.00	2-3	291.88	7.154
327	1560.00	13	SLV(E)	-127392.00	-0.16	-0.39	-972502.00					7.634
328	1620.00	13	SLV(E)	-119234.00	0.28	0.70	-972502.00					8.156
329	1680.00	13	SLV(E)	-111456.00	0.41	1.03	-972502.00	23387.60	59258.90	2-3	111.88	8.725
330	1740.00	13	SLV(E)	-104051.00	0.37	0.94	-972502.00	22620.00	57185.10	2-3	111.88	9.346
331	1800.00	13	SLV(E)	-97011.80	0.27	0.68	-972502.00					10.025
332	1860.00	13	SLV(E)	-90330.20	0.16	0.42	-972502.00					10.766
333	1920.00	13	SLV(E)	-83996.20	0.08	0.20	-972502.00					11.578
334	1980.00	13	SLV(E)	-77999.00	0.03	0.07	-972502.00					12.468
335	2040.00	13	SLV(E)	-72326.80	-0.00	-0.01	-972502.00					13.446
336	2100.00	13	SLV(E)	-66967.10	-0.01	-0.04	-972502.00					14.522
337	2160.00	13	SLV(E)	-61906.70	-0.02	-0.04	-972502.00					15.709
338	2220.00	13	SLV(E)	-57132.00	-0.01	-0.03	-972502.00					17.022
339	2280.00	13	SLV(E)	-52628.70	-0.01	-0.02	-972502.00					18.479
340	2340.00	13	SLV(E)	-48382.60	-0.00	-0.01	-972502.00					20.100
341	2400.00	13	SLV(E)	-44378.90	-0.00	-0.00	-972502.00					21.914
342	2460.00	13	SLV(E)	-40602.60	-0.00	-0.00	-972502.00					23.952
343	2520.00	13	SLV(E)	-37038.70	0.00	0.00	-972502.00					26.256
344	2580.00	13	SLV(E)	-33672.00	0.00	0.00	-972502.00					28.882
345	2640.00	13	SLV(E)	-30486.90	0.00	0.00	-972502.00					31.899
346	2700.00	13	SLV(E)	-27468.10	0.00	0.00	-972502.00					35.405
347	2760.00	13	SLV(E)	-24599.90	0.00	0.00	-972502.00					39.533
348	2820.00	13	SLV(E)	-21866.50	0.00	0.00	-972502.00					44.475
349	2880.00	13	SLV(E)	-19251.70	0.00	0.00	-972502.00					50.515
350	2940.00	13	SLV(E)	-16739.30	0.00	0.00	-972502.00					58.097
351	0.00	15	SLV(E)	-358329.00	-6070.71	-15904.50	-972502.00	-45287.30	-117545.00	2-3	291.25	2.714
352	60.00	15	SLV(E)	-359507.00	-6054.14	-15861.10	-972502.00	-45367.30	-117777.00	2-3	291.25	2.705
353	120.00	15	SLV(E)	-358351.00	-5757.17	-15083.10	-972502.00	-45289.40	-117551.00	2-3	291.25	2.714
354	180.00	15	SLV(E)	-355077.00	-5103.72	-13371.10	-972502.00	-45065.50	-116906.00	2-3	291.25	2.739
355	240.00	15	SLV(E)	-349896.00	-4177.58	-10944.80	-972502.00	-44709.30	-115879.00	2-3	291.25	2.779
356	300.00	15	SLV(E)	-343018.00	-3130.57	-8201.71	-972502.00	-44232.80	-114505.00	2-3	291.25	2.835
357	360.00	15	SLV(E)	-334641.00	-2115.54	-5542.46	-972502.00	-43647.70	-112817.00	2-3	291.25	2.906
358	420.00	15	SLV(E)	-324958.00	-1247.05	-3267.13	-972502.00	-42951.20	-110810.00	2-3	291.25	2.993
359	480.00	15	SLV(E)	-314149.00	-586.71	-1537.12	-972502.00	-42161.20	-108530.00	2-3	291.25	3.096

360	540.00	15	SLV(E)	-302383.00	-145.44	-381.02	-972502.00	-41292.90	-106015.00	2-3	291.25	3.216
361	600.00	15	SLV(E)	-290286.00	106.19	278.19	-972502.00	40390.80	103389.00	2-3	111.25	3.350
362	660.00	15	SLV(E)	-278171.00	216.39	566.91	-972502.00	38388.40	101192.00	2-3	110.63	3.496
363	720.00	15	SLV(E)	-266094.00	234.51	614.40	-972502.00	37448.90	98483.00	2-3	110.63	3.655
364	780.00	15	SLV(E)	-254111.00	202.16	529.63	-972502.00	36491.50	95715.50	2-3	110.63	3.827
365	840.00	15	SLV(E)	-242268.00	149.79	392.43	-972502.00	35538.00	92944.90	2-3	110.63	4.014
366	900.00	15	SLV(E)	-230608.00	96.72	253.38	-972502.00	34589.30	90177.30	2-3	110.63	4.217
367	960.00	15	SLV(E)	-219166.00	52.96	138.75	-972502.00	33558.70	87463.00	2-3	110.63	4.437
368	1020.00	15	SLV(E)	-207976.00	21.93	57.45	-972502.00	32416.40	84823.30	2-3	110.63	4.676
369	1080.00	15	SLV(E)	-197065.00	2.96	7.75	-972502.00	31264.30	82166.80	2-3	110.63	4.935
370	1140.00	15	SLV(E)	-186456.00	-6.54	-17.12	-972502.00	-30981.40	-79181.10	2-3	291.25	5.216
371	1200.00	15	SLV(E)	-176168.00	-9.65	-25.27	-972502.00	-29837.50	-76631.40	2-3	291.25	5.520
372	1260.00	15	SLV(E)	-166217.00	-9.12	-23.88	-972502.00	-28711.80	-74142.10	2-3	291.25	5.851
373	1320.00	15	SLV(E)	-156614.00	-6.99	-18.31	-972502.00	-27609.00	-71724.20	2-3	291.25	6.210
374	1380.00	15	SLV(E)	-147368.00	-4.55	-11.93	-972502.00	-26521.70	-69355.00	2-3	291.25	6.599
375	1440.00	15	SLV(E)	-138484.00	-2.49	-6.51	-972502.00	-25502.90	-67004.90	2-3	291.25	7.022
376	1500.00	15	SLV(E)	-129967.00	-1.02	-2.68	-972502.00	-24653.30	-64674.80	2-3	291.25	7.483
377	1560.00	15	SLV(E)	-121815.00	-0.15	-0.39	-972502.00					7.983
378	1620.00	15	SLV(E)	-114029.00	0.27	0.71	-972502.00					8.529
379	1680.00	15	SLV(E)	-106603.00	0.39	1.03	-972502.00	22292.50	58170.40	2-3	111.25	9.123
380	1740.00	15	SLV(E)	-99533.80	0.36	0.94	-972502.00	21575.00	56174.90	2-3	111.25	9.771
381	1800.00	15	SLV(E)	-92813.50	0.26	0.68	-972502.00					10.478
382	1860.00	15	SLV(E)	-86434.20	0.16	0.42	-972502.00					11.251
383	1920.00	15	SLV(E)	-80386.60	0.08	0.20	-972502.00					12.098
384	1980.00	15	SLV(E)	-74660.30	0.03	0.07	-972502.00					13.026
385	2040.00	15	SLV(E)	-69244.20	-0.00	-0.01	-972502.00					14.044
386	2100.00	15	SLV(E)	-64126.30	-0.01	-0.04	-972502.00					15.165
387	2160.00	15	SLV(E)	-59294.20	-0.02	-0.04	-972502.00					16.401
388	2220.00	15	SLV(E)	-54734.90	-0.01	-0.03	-972502.00					17.767
389	2280.00	15	SLV(E)	-50434.80	-0.01	-0.02	-972502.00					19.282
390	2340.00	15	SLV(E)	-46380.40	-0.00	-0.01	-972502.00					20.968
391	2400.00	15	SLV(E)	-42557.70	-0.00	-0.00	-972502.00					22.851
392	2460.00	15	SLV(E)	-38952.40	-0.00	-0.00	-972502.00					24.966
393	2520.00	15	SLV(E)	-35550.10	0.00	0.00	-972502.00					27.356
394	2580.00	15	SLV(E)	-32336.50	0.00	0.00	-972502.00					30.074
395	2640.00	15	SLV(E)	-29296.90	0.00	0.00	-972502.00					33.195
396	2700.00	15	SLV(E)	-26416.50	0.00	0.00	-972502.00					36.814
397	2760.00	15	SLV(E)	-23680.50	0.00	0.00	-972502.00					41.068
398	2820.00	15	SLV(E)	-21073.80	0.00	0.00	-972502.00					46.147
399	2880.00	15	SLV(E)	-18581.30	0.00	0.00	-972502.00					52.338
400	2940.00	15	SLV(E)	-16187.30	0.00	0.00	-972502.00					60.078
451	0.00	1	SLV(E)	-401637.00	-14138.50	-9489.71	-972502.00	-111650.00	-74723.30	2-3	326.25	2.421
452	60.00	1	SLV(E)	-402815.00	-14110.50	-9470.91	-972502.00	-111840.00	-74846.70	2-3	326.25	2.414
453	120.00	1	SLV(E)	-401391.00	-13426.90	-9012.10	-972502.00	-111612.00	-74698.20	2-3	326.25	2.423
454	180.00	1	SLV(E)	-397608.00	-11909.40	-7993.55	-972502.00	-111002.00	-74302.30	2-3	326.25	2.446
455	240.00	1	SLV(E)	-391702.00	-9753.05	-6546.23	-972502.00	-110040.00	-73677.90	2-3	326.25	2.483
456	300.00	1	SLV(E)	-383907.00	-7312.30	-4908.00	-972502.00	-108742.00	-72835.00	2-3	326.25	2.533
457	360.00	1	SLV(E)	-374445.00	-4944.30	-3318.60	-972502.00	-107144.00	-71799.30	2-3	326.25	2.597
458	420.00	1	SLV(E)	-363532.00	-2916.95	-1957.85	-972502.00	-105272.00	-70587.00	2-3	326.25	2.675
459	480.00	1	SLV(E)	-351370.00	-1374.61	-922.64	-972502.00	-103151.00	-69216.90	2-3	326.25	2.768
460	540.00	1	SLV(E)	-338148.00	-343.27	-230.40	-972502.00	-100802.00	-67702.50	2-3	326.25	2.876
461	600.00	1	SLV(E)	-324561.00	245.36	164.69	-972502.00	98311.70	66100.60	2-3	146.25	2.996
462	660.00	1	SLV(E)	-310958.00	503.68	338.07	-972502.00	95880.60	64279.20	2-3	146.25	3.127
463	720.00	1	SLV(E)	-297404.00	546.77	366.99	-972502.00	93425.20	62427.70	2-3	146.25	3.270
464	780.00	1	SLV(E)	-283958.00	471.75	316.64	-972502.00	90950.40	60552.50	2-3	146.25	3.425
465	840.00	1	SLV(E)	-270674.00	349.79	234.78	-972502.00	88467.20	58658.70	2-3	146.25	3.593
466	900.00	1	SLV(E)	-257597.00	226.00	151.69	-972502.00	85861.50	56857.90	2-3	146.25	3.775
467	960.00	1	SLV(E)	-244770.00	123.88	83.15	-972502.00	83218.60	55133.10	2-3	146.25	3.973
468	1020.00	1	SLV(E)	-232227.00	51.39	34.49	-972502.00	80603.20	53425.90	2-3	146.25	4.188
469	1080.00	1	SLV(E)	-220000.00	7.05	4.73	-972502.00	78017.50	51738.60	2-3	146.25	4.420
470	1140.00	1	SLV(E)	-208113.00	-15.17	-10.18	-972502.00	-75457.30	-50069.20	2-3	326.25	4.673
471	1200.00	1	SLV(E)	-196589.00	-22.47	-15.08	-972502.00	-72890.90	-48419.70	2-3	326.25	4.947
472	1260.00	1	SLV(E)	-185444.00	-21.27	-14.27	-972502.00	-70368.80	-46832.10	2-3	326.25	5.244
473	1320.00	1	SLV(E)	-174690.00	-16.31	-10.95	-972502.00	-67900.10	-45283.50	2-3	326.25	5.567
474	1380.00	1	SLV(E)	-164338.00	-10.64	-7.14	-972502.00	-65498.90	-43783.00	2-3	326.25	5.918
475	1440.00	1	SLV(E)	-154394.00	-5.81	-3.90	-972502.00	-63161.70	-42329.10	2-3	326.25	6.299
476	1500.00	1	SLV(E)	-144861.00	-2.40	-1.61	-972502.00	-60857.20	-40901.00	2-3	326.25	6.713
477	1560.00	1	SLV(E)	-135739.00	-0.35	-0.24	-972502.00					7.164
478	1620.00	1	SLV(E)	-127027.00	0.63	0.42	-972502.00					7.656
479	1680.00	1	SLV(E)	-118720.00	0.92	0.62	-972502.00	54367.60	36915.60	2-3	146.25	8.192
480	1740.00	1	SLV(E)	-110812.00	0.84	0.56	-972502.00	52376.30	35676.30	2-3	146.25	8.776
481	1800.00	1	SLV(E)	-103296.00	0.61	0.41	-972502.00					9.415
482	1860.00	1	SLV(E)	-96162.00	0.37	0.25	-972502.00					10.113
483	1920.00	1	SLV(E)	-89399.40	0.18	0.12	-972502.00					10.878
484	1980.00	1	SLV(E)	-82996.70	0.06	0.04	-972502.00					11.717
485	2040.00	1	SLV(E)	-76941.20	-0.01	-0.00	-972502.00					12.639
486	2100.00	1	SLV(E)	-71219.50	-0.03	-0.02	-972502.00					13.655
487	2160.00	1	SLV(E)	-65817.40	-0.04	-0.02	-972502.00					14.776
488	2220.00	1	SLV(E)	-60720.20	-0.03	-0.02	-972502.00					16.016
489	2280.00	1	SLV(E)	-55912.80	-0.02	-0.01	-972502.00					17.393
490	2340.00	1	SLV(E)	-51379.70	-0.01	-0.01	-972502.00					18.928
491	2400.00	1	SLV(E)	-47105.00	-0.00	-0.00	-972502.00					20.645
492	2460.00	1	SLV(E)	-43072.90	-0.00	-0.00	-972502.00					22.578
493	2520.00	1	SLV(E)	-39267.00	0.00	0.00	-972502.00					24.766

578	1620.00	5	SLV(E)	-116302.00	0.59	0.48	-972502.00							8.362
579	1680.00	5	SLV(E)	-108723.00	0.85	0.70	-972502.00	48885.40	39635.20	2-3	141.25			8.945
580	1740.00	5	SLV(E)	-101507.00	0.78	0.64	-972502.00	47238.40	38228.00	2-3	141.25			9.581
581	1800.00	5	SLV(E)	-94647.20	0.57	0.46	-972502.00							10.275
582	1860.00	5	SLV(E)	-88135.90	0.35	0.28	-972502.00							11.034
583	1920.00	5	SLV(E)	-81963.20	0.17	0.14	-972502.00							11.865
584	1980.00	5	SLV(E)	-76118.60	0.05	0.05	-972502.00							12.776
585	2040.00	5	SLV(E)	-70590.60	-0.01	-0.01	-972502.00							13.777
586	2100.00	5	SLV(E)	-65367.10	-0.03	-0.03	-972502.00							14.877
587	2160.00	5	SLV(E)	-60435.30	-0.03	-0.03	-972502.00							16.092
588	2220.00	5	SLV(E)	-55781.90	-0.03	-0.02	-972502.00							17.434
589	2280.00	5	SLV(E)	-51393.10	-0.02	-0.01	-972502.00							18.923
590	2340.00	5	SLV(E)	-47254.90	-0.01	-0.01	-972502.00							20.580
591	2400.00	5	SLV(E)	-43353.10	-0.00	-0.00	-972502.00							22.432
592	2460.00	5	SLV(E)	-39673.20	-0.00	-0.00	-972502.00							24.513
593	2520.00	5	SLV(E)	-36200.30	0.00	0.00	-972502.00							26.864
594	2580.00	5	SLV(E)	-32919.80	0.00	0.00	-972502.00							29.542
595	2640.00	5	SLV(E)	-29816.70	0.00	0.00	-972502.00							32.616
596	2700.00	5	SLV(E)	-26875.80	0.00	0.00	-972502.00							36.185
597	2760.00	5	SLV(E)	-24082.10	0.00	0.00	-972502.00							40.383
598	2820.00	5	SLV(E)	-21420.00	0.00	0.00	-972502.00							45.402
599	2880.00	5	SLV(E)	-18874.10	0.00	0.00	-972502.00							51.526
600	2940.00	5	SLV(E)	-16428.40	0.00	0.00	-972502.00							59.196
601	0.00	7	SLV(E)	-351151.00	-13381.30	-10504.50	-972502.00	-98397.40	-76073.50	2-3	322.50			2.769
602	60.00	7	SLV(E)	-352329.00	-13341.10	-10473.00	-972502.00	-98585.80	-76231.80	2-3	322.50			2.760
603	120.00	7	SLV(E)	-351217.00	-12683.70	-9956.88	-972502.00	-98407.00	-76081.70	2-3	322.50			2.769
604	180.00	7	SLV(E)	-348027.00	-11241.80	-8825.00	-972502.00	-97892.70	-75650.40	2-3	322.50			2.794
605	240.00	7	SLV(E)	-342967.00	-9200.16	-7222.28	-972502.00	-97073.30	-74962.00	2-3	322.50			2.836
606	300.00	7	SLV(E)	-336240.00	-6893.09	-5411.18	-972502.00	-95978.40	-74041.10	2-3	322.50			2.892
607	360.00	7	SLV(E)	-328044.00	-4657.14	-3655.93	-972502.00	-93865.50	-73923.50	2-3	321.88			2.965
608	420.00	7	SLV(E)	-318564.00	-2744.42	-2154.41	-972502.00	-92267.90	-72550.90	2-3	321.88			3.053
609	480.00	7	SLV(E)	-307979.00	-1290.41	-1012.99	-972502.00	-90460.40	-70996.10	2-3	321.88			3.158
610	540.00	7	SLV(E)	-296455.00	-318.99	-250.41	-972502.00	-88471.40	-69280.80	2-3	321.88			3.280
611	600.00	7	SLV(E)	-284605.00	234.73	184.27	-972502.00	85699.00	68454.00	2-3	141.25			3.417
612	660.00	7	SLV(E)	-272736.00	477.07	374.50	-972502.00	83613.40	66618.80	2-3	141.25			3.566
613	720.00	7	SLV(E)	-260905.00	516.71	405.63	-972502.00	81441.50	64759.40	2-3	141.25			3.727
614	780.00	7	SLV(E)	-249164.00	445.28	349.55	-972502.00	79249.50	62891.10	2-3	141.25			3.903
615	840.00	7	SLV(E)	-237560.00	329.85	258.94	-972502.00	77052.40	61017.10	2-3	141.25			4.094
616	900.00	7	SLV(E)	-226134.00	212.92	167.15	-972502.00	74828.30	59189.60	2-3	141.25			4.301
617	960.00	7	SLV(E)	-214922.00	116.56	91.50	-972502.00	72519.50	57514.80	2-3	141.25			4.525
618	1020.00	7	SLV(E)	-203957.00	48.22	37.85	-972502.00	70202.50	55837.80	2-3	141.25			4.768
619	1080.00	7	SLV(E)	-193264.00	6.47	5.08	-972502.00	67892.10	54172.50	2-3	141.25			5.032
620	1140.00	7	SLV(E)	-182867.00	-14.42	-11.32	-972502.00	-66161.30	-51782.70	2-3	321.88			5.318
621	1200.00	7	SLV(E)	-172784.00	-21.26	-16.69	-972502.00	-63919.30	-50205.30	2-3	321.88			5.628
622	1260.00	7	SLV(E)	-163030.00	-20.08	-15.77	-972502.00	-61719.80	-48661.40	2-3	321.88			5.965
623	1320.00	7	SLV(E)	-153618.00	-15.39	-12.08	-972502.00	-60084.50	-46467.00	2-3	322.50			6.331
624	1380.00	7	SLV(E)	-144555.00	-10.02	-7.87	-972502.00	-57956.80	-45006.40	2-3	322.50			6.728
625	1440.00	7	SLV(E)	-135847.00	-5.47	-4.29	-972502.00	-55878.70	-43582.60	2-3	322.50			7.159
626	1500.00	7	SLV(E)	-127498.00	-2.25	-1.77	-972502.00	-53945.30	-42105.80	2-3	322.50			7.628
627	1560.00	7	SLV(E)	-119507.00	-0.33	-0.26	-972502.00							8.138
628	1620.00	7	SLV(E)	-111874.00	0.60	0.47	-972502.00							8.693
629	1680.00	7	SLV(E)	-104595.00	0.87	0.68	-972502.00	48695.10	37791.20	2-3	142.50			9.298
630	1740.00	7	SLV(E)	-97664.30	0.79	0.62	-972502.00	47088.10	36464.10	2-3	142.50			9.958
631	1800.00	7	SLV(E)	-91076.00	0.58	0.45	-972502.00							10.678
632	1860.00	7	SLV(E)	-84821.80	0.35	0.27	-972502.00							11.465
633	1920.00	7	SLV(E)	-78892.70	0.17	0.13	-972502.00							12.327
634	1980.00	7	SLV(E)	-73278.50	0.06	0.04	-972502.00							13.271
635	2040.00	7	SLV(E)	-67968.40	-0.01	-0.01	-972502.00							14.308
636	2100.00	7	SLV(E)	-62950.60	-0.03	-0.02	-972502.00							15.449
637	2160.00	7	SLV(E)	-58213.00	-0.03	-0.03	-972502.00							16.706
638	2220.00	7	SLV(E)	-53742.80	-0.03	-0.02	-972502.00							18.096
639	2280.00	7	SLV(E)	-49526.80	-0.02	-0.01	-972502.00							19.636
640	2340.00	7	SLV(E)	-45551.80	-0.01	-0.01	-972502.00							21.349
641	2400.00	7	SLV(E)	-41803.90	-0.00	-0.00	-972502.00							23.263
642	2460.00	7	SLV(E)	-38269.40	-0.00	-0.00	-972502.00							25.412
643	2520.00	7	SLV(E)	-34934.10	0.00	0.00	-972502.00							27.838
644	2580.00	7	SLV(E)	-31783.80	0.00	0.00	-972502.00							30.597
645	2640.00	7	SLV(E)	-28804.40	0.00	0.00	-972502.00							33.762
646	2700.00	7	SLV(E)	-25981.30	0.00	0.00	-972502.00							37.431
647	2760.00	7	SLV(E)	-23300.00	0.00	0.00	-972502.00							41.738
648	2820.00	7	SLV(E)	-20745.80	0.00	0.00	-972502.00							46.877
649	2880.00	7	SLV(E)	-18303.80	0.00	0.00	-972502.00							53.131
650	2940.00	7	SLV(E)	-15958.90	0.00	0.00	-972502.00							60.938
651	0.00	9	SLV(E)	-406344.00	-13564.80	-10282.20	-972502.00	-107355.00	-82601.50	2-3	322.50			2.393
652	60.00	9	SLV(E)	-407522.00	-13538.00	-10261.80	-972502.00	-107537.00	-82732.20	2-3	322.50			2.386
653	120.00	9	SLV(E)	-406069.00	-12882.20	-9764.75	-972502.00	-107312.00	-82570.50	2-3	322.50			2.395
654	180.00	9	SLV(E)	-402230.00	-11426.30	-8661.15	-972502.00	-106721.00	-82143.80	2-3	322.50			2.418
655	240.00	9	SLV(E)	-396246.00	-9357.44	-7092.97	-972502.00	-105788.00	-81471.50	2-3	322.50			2.454
656	300.00	9	SLV(E)	-388351.00	-7015.71	-5317.93	-972502.00	-104535.00	-80567.10	2-3	322.50			2.504
657	360.00	9	SLV(E)	-378772.00	-4743.77	-3595.79	-972502.00	-102978.00	-79443.10	2-3	322.50			2.568
658	420.00	9	SLV(E)	-367725.00	-2798.65	-2121.39	-972502.00	-101994.00	-76971.20	2-3	323.13			2.645
659	480.00	9	SLV(E)	-355416.00	-1318.87	-999.71	-972502.00	-99916.10	-75498.10	2-3	323.13			2.736
660	540.00	9	SLV(E)	-342035.00	-329.36	-249.66	-972502.00	-97684.80	-73778.20	2-3	323.13			2.843
661	600.00	9	SLV(E)	-328286.00	235.40	178.43	-972502.00	94654.50	72926.20	2-3	142.50			2.962

662	660.00	9	SLV(E)	-314521.00	483.24	366.30	-972502.00	92310.70	70949.70	2-3	142.50	3.092
663	720.00	9	SLV(E)	-300807.00	524.59	397.64	-972502.00	89939.50	68945.10	2-3	142.50	3.233
664	780.00	9	SLV(E)	-287202.00	452.62	343.09	-972502.00	87551.00	66921.50	2-3	142.50	3.386
665	840.00	9	SLV(E)	-273761.00	335.60	254.38	-972502.00	85157.30	64889.70	2-3	142.50	3.552
666	900.00	9	SLV(E)	-260531.00	216.84	164.36	-972502.00	82722.30	62822.00	2-3	142.50	3.733
667	960.00	9	SLV(E)	-247553.00	118.86	90.09	-972502.00	80281.50	60768.50	2-3	142.50	3.928
668	1020.00	9	SLV(E)	-234863.00	49.31	37.37	-972502.00	77807.80	58803.60	2-3	142.50	4.141
669	1080.00	9	SLV(E)	-222493.00	6.77	5.13	-972502.00	75255.30	57008.10	2-3	142.50	4.371
670	1140.00	9	SLV(E)	-210467.00	-14.55	-11.03	-972502.00	-72737.60	-55243.40	2-3	322.50	4.621
671	1200.00	9	SLV(E)	-198808.00	-21.56	-16.34	-972502.00	-70209.90	-53476.10	2-3	322.50	4.892
672	1260.00	9	SLV(E)	-187533.00	-20.40	-15.47	-972502.00	-67737.00	-51754.40	2-3	322.50	5.186
673	1320.00	9	SLV(E)	-176655.00	-15.65	-11.86	-972502.00	-65313.20	-50071.80	2-3	322.50	5.505
674	1380.00	9	SLV(E)	-166183.00	-10.21	-7.74	-972502.00	-62955.50	-48443.40	2-3	322.50	5.852
675	1440.00	9	SLV(E)	-156124.00	-5.58	-4.23	-972502.00	-61164.70	-46159.20	2-3	323.13	6.229
676	1500.00	9	SLV(E)	-146480.00	-2.30	-1.74	-972502.00	-58910.10	-44637.10	2-3	323.13	6.639
677	1560.00	9	SLV(E)	-137253.00	-0.34	-0.26	-972502.00					7.085
678	1620.00	9	SLV(E)	-128440.00	0.60	0.46	-972502.00					7.572
679	1680.00	9	SLV(E)	-120037.00	0.88	0.67	-972502.00	53029.50	39599.40	2-3	143.75	8.102
680	1740.00	9	SLV(E)	-112038.00	0.80	0.61	-972502.00	51168.30	38126.30	2-3	143.75	8.680
681	1800.00	9	SLV(E)	-104435.00	0.59	0.44	-972502.00					9.312
682	1860.00	9	SLV(E)	-97219.20	0.36	0.27	-972502.00					10.003
683	1920.00	9	SLV(E)	-90379.00	0.18	0.13	-972502.00					10.760
684	1980.00	9	SLV(E)	-83902.80	0.06	0.04	-972502.00					11.591
685	2040.00	9	SLV(E)	-77777.80	-0.01	-0.01	-972502.00					12.504
686	2100.00	9	SLV(E)	-71990.40	-0.03	-0.02	-972502.00					13.509
687	2160.00	9	SLV(E)	-66526.40	-0.03	-0.03	-972502.00					14.618
688	2220.00	9	SLV(E)	-61370.70	-0.03	-0.02	-972502.00					15.846
689	2280.00	9	SLV(E)	-56508.20	-0.02	-0.01	-972502.00					17.210
690	2340.00	9	SLV(E)	-51923.00	-0.01	-0.01	-972502.00					18.730
691	2400.00	9	SLV(E)	-47599.30	-0.00	-0.00	-972502.00					20.431
692	2460.00	9	SLV(E)	-43520.70	-0.00	-0.00	-972502.00					22.346
693	2520.00	9	SLV(E)	-39670.90	0.00	0.00	-972502.00					24.514
694	2580.00	9	SLV(E)	-36033.40	0.00	0.00	-972502.00					26.989
695	2640.00	9	SLV(E)	-32591.20	0.00	0.00	-972502.00					29.839
696	2700.00	9	SLV(E)	-29327.70	0.00	0.00	-972502.00					33.160
697	2760.00	9	SLV(E)	-26225.70	0.00	0.00	-972502.00					37.082
698	2820.00	9	SLV(E)	-23268.00	0.00	0.00	-972502.00					41.796
699	2880.00	9	SLV(E)	-20437.20	0.00	0.00	-972502.00					47.585
700	2940.00	9	SLV(E)	-17715.30	0.00	0.00	-972502.00					54.896
701	0.00	11	SLV(E)	-395624.00	-13276.60	-10673.10	-972502.00	-103944.00	-83784.70	2-3	321.25	2.458
702	60.00	11	SLV(E)	-396802.00	-13249.50	-10651.30	-972502.00	-104126.00	-83920.40	2-3	321.25	2.451
703	120.00	11	SLV(E)	-395416.00	-12606.90	-10134.70	-972502.00	-103912.00	-83760.50	2-3	321.25	2.459
704	180.00	11	SLV(E)	-391703.00	-11181.50	-8988.82	-972502.00	-103335.00	-83329.80	2-3	321.25	2.483
705	240.00	11	SLV(E)	-385898.00	-9156.55	-7360.97	-972502.00	-102411.00	-82639.00	2-3	321.25	2.520
706	300.00	11	SLV(E)	-378230.00	-6864.78	-5518.61	-972502.00	-101175.00	-81714.40	2-3	321.25	2.571
707	360.00	11	SLV(E)	-368919.00	-4641.46	-3731.28	-972502.00	-99656.40	-80578.30	2-3	321.25	2.636
708	420.00	11	SLV(E)	-358177.00	-2738.08	-2201.15	-972502.00	-97944.50	-79171.10	2-3	321.25	2.715
709	480.00	11	SLV(E)	-346202.00	-1290.13	-1037.14	-972502.00	-96050.50	-77523.80	2-3	321.25	2.809
710	540.00	11	SLV(E)	-333182.00	-321.96	-258.83	-972502.00	-93957.40	-75695.70	2-3	321.25	2.919
711	600.00	11	SLV(E)	-319802.00	230.57	185.35	-972502.00	91734.40	73751.40	2-3	141.25	3.041
712	660.00	11	SLV(E)	-306406.00	473.00	380.24	-972502.00	89465.30	71762.60	2-3	141.25	3.174
713	720.00	11	SLV(E)	-293057.00	513.39	412.72	-972502.00	87170.70	69747.90	2-3	141.25	3.318
714	780.00	11	SLV(E)	-279815.00	442.92	356.06	-972502.00	84860.10	67716.00	2-3	141.25	3.476
715	840.00	11	SLV(E)	-266730.00	328.39	263.99	-972502.00	82521.40	65679.20	2-3	141.25	3.646
716	900.00	11	SLV(E)	-253850.00	212.16	170.56	-972502.00	80127.20	63639.40	2-3	141.25	3.831
717	960.00	11	SLV(E)	-241215.00	116.28	93.48	-972502.00	77748.60	61611.20	2-3	141.25	4.032
718	1020.00	11	SLV(E)	-228860.00	48.23	38.77	-972502.00	75388.20	59597.60	2-3	141.25	4.249
719	1080.00	11	SLV(E)	-216816.00	6.61	5.31	-972502.00	72910.90	57797.80	2-3	141.25	4.485
720	1140.00	11	SLV(E)	-205107.00	-14.25	-11.45	-972502.00	-70448.50	-56016.10	2-3	321.25	4.741
721	1200.00	11	SLV(E)	-193754.00	-21.10	-16.96	-972502.00	-67999.20	-54249.60	2-3	321.25	5.019
722	1260.00	11	SLV(E)	-182774.00	-19.97	-16.05	-972502.00	-65596.80	-52522.60	2-3	321.25	5.321
723	1320.00	11	SLV(E)	-172181.00	-15.32	-12.31	-972502.00	-63250.20	-50844.10	2-3	321.25	5.648
724	1380.00	11	SLV(E)	-161982.00	-9.99	-8.03	-972502.00	-60958.60	-49209.20	2-3	321.25	6.004
725	1440.00	11	SLV(E)	-152185.00	-5.46	-4.39	-972502.00	-58741.60	-47635.10	2-3	321.25	6.390
726	1500.00	11	SLV(E)	-142793.00	-2.25	-1.81	-972502.00	-56545.70	-46075.90	2-3	321.25	6.811
727	1560.00	11	SLV(E)	-133806.00	-0.33	-0.27	-972502.00					7.268
728	1620.00	11	SLV(E)	-125222.00	0.59	0.47	-972502.00					7.766
729	1680.00	11	SLV(E)	-117038.00	0.86	0.69	-972502.00	50769.70	41241.80	2-3	141.25	8.309
730	1740.00	11	SLV(E)	-109247.00	0.79	0.63	-972502.00	49004.60	39736.80	2-3	141.25	8.902
731	1800.00	11	SLV(E)	-101841.00	0.57	0.46	-972502.00					9.549
732	1860.00	11	SLV(E)	-94811.40	0.35	0.28	-972502.00					10.257
733	1920.00	11	SLV(E)	-88148.10	0.17	0.14	-972502.00					11.033
734	1980.00	11	SLV(E)	-81839.30	0.06	0.04	-972502.00					11.883
735	2040.00	11	SLV(E)	-75872.60	-0.01	-0.01	-972502.00					12.818
736	2100.00	11	SLV(E)	-70234.70	-0.03	-0.03	-972502.00					13.847
737	2160.00	11	SLV(E)	-64911.70	-0.03	-0.03	-972502.00					14.982
738	2220.00	11	SLV(E)	-59889.20	-0.03	-0.02	-972502.00					16.238
739	2280.00	11	SLV(E)	-55152.30	-0.02	-0.01	-972502.00					17.633
740	2340.00	11	SLV(E)	-50685.60	-0.01	-0.01	-972502.00					19.187
741	2400.00	11	SLV(E)	-46473.70	-0.00	-0.00	-972502.00					20.926
742	2460.00	11	SLV(E)	-42500.80	-0.00	-0.00	-972502.00					22.882
743	2520.00	11	SLV(E)	-38750.90	0.00	0.00	-972502.00					25.096
744	2580.00	11	SLV(E)	-35208.00	0.00	0.00	-972502.00					27.622
745	2640.00	11	SLV(E)	-31855.80	0.00	0.00	-972502.00					30.528

746	2700.00	11	SLV(E)	-28677.80	0.00	0.00	-972502.00						33.911
747	2760.00	11	SLV(E)	-25657.50	0.00	0.00	-972502.00						37.903
748	2820.00	11	SLV(E)	-22778.20	0.00	0.00	-972502.00						42.694
749	2880.00	11	SLV(E)	-20022.80	0.00	0.00	-972502.00						48.570
750	2940.00	11	SLV(E)	-17374.20	0.00	0.00	-972502.00						55.974
751	0.00	13	SLV(E)	-357163.00	-14243.10	-9321.10	-972502.00	-104932.00	-68684.00	2-3	326.88	2.723	
752	60.00	13	SLV(E)	-358341.00	-14203.70	-9295.31	-972502.00	-105138.00	-68814.90	2-3	326.88	2.714	
753	120.00	13	SLV(E)	-357192.00	-13506.50	-8839.06	-972502.00	-104937.00	-68687.30	2-3	326.88	2.723	
754	180.00	13	SLV(E)	-353932.00	-11973.20	-7835.61	-972502.00	-104365.00	-68324.60	2-3	326.88	2.748	
755	240.00	13	SLV(E)	-348771.00	-9800.25	-6413.57	-972502.00	-103451.00	-67746.40	2-3	326.88	2.788	
756	300.00	13	SLV(E)	-341917.00	-7343.86	-4806.04	-972502.00	-102228.00	-66973.40	2-3	326.88	2.844	
757	360.00	13	SLV(E)	-333570.00	-4962.61	-3247.68	-972502.00	-100720.00	-66020.80	2-3	326.88	2.915	
758	420.00	13	SLV(E)	-323919.00	-2925.20	-1914.34	-972502.00	-98924.40	-64887.50	2-3	326.88	3.002	
759	480.00	13	SLV(E)	-313147.00	-1376.13	-900.58	-972502.00	-96951.30	-63522.30	2-3	326.88	3.106	
760	540.00	13	SLV(E)	-301421.00	-340.99	-223.16	-972502.00	-94820.60	-61946.20	2-3	326.88	3.226	
761	600.00	13	SLV(E)	-289364.00	249.23	163.10	-972502.00	91950.80	61311.10	2-3	146.25	3.361	
762	660.00	13	SLV(E)	-277288.00	507.70	332.25	-972502.00	89712.00	59609.00	2-3	146.25	3.507	
763	720.00	13	SLV(E)	-265252.00	550.18	360.06	-972502.00	87420.80	57875.30	2-3	146.25	3.666	
764	780.00	13	SLV(E)	-253308.00	474.26	310.37	-972502.00	84980.20	56282.80	2-3	146.25	3.839	
765	840.00	13	SLV(E)	-241504.00	351.39	229.96	-972502.00	82543.10	54692.10	2-3	146.25	4.027	
766	900.00	13	SLV(E)	-229881.00	226.87	148.47	-972502.00	80111.80	53105.20	2-3	146.25	4.230	
767	960.00	13	SLV(E)	-218477.00	124.23	81.30	-972502.00	77693.70	51527.40	2-3	146.25	4.451	
768	1020.00	13	SLV(E)	-207324.00	51.43	33.66	-972502.00	75281.90	49954.80	2-3	146.25	4.691	
769	1080.00	13	SLV(E)	-196448.00	6.94	4.54	-972502.00	72859.40	48400.00	2-3	146.25	4.950	
770	1140.00	13	SLV(E)	-185873.00	-15.34	-10.04	-972502.00	-70466.90	-46893.80	2-3	326.25	5.232	
771	1200.00	13	SLV(E)	-175619.00	-22.63	-14.81	-972502.00	-68112.60	-45416.30	2-3	326.25	5.538	
772	1260.00	13	SLV(E)	-165699.00	-21.39	-14.00	-972502.00	-66290.20	-43237.00	2-3	326.88	5.869	
773	1320.00	13	SLV(E)	-156127.00	-16.39	-10.73	-972502.00	-64035.90	-41857.50	2-3	326.88	6.229	
774	1380.00	13	SLV(E)	-146911.00	-10.68	-6.99	-972502.00	-61811.90	-40503.30	2-3	326.88	6.620	
775	1440.00	13	SLV(E)	-138056.00	-5.83	-3.82	-972502.00	-59630.90	-39180.60	2-3	326.88	7.044	
776	1500.00	13	SLV(E)	-129566.00	-2.40	-1.57	-972502.00	-57936.40	-37226.30	2-3	327.50	7.506	
777	1560.00	13	SLV(E)	-121440.00	-0.35	-0.23	-972502.00						8.008
778	1620.00	13	SLV(E)	-113679.00	0.63	0.41	-972502.00						8.555
779	1680.00	13	SLV(E)	-106277.00	0.92	0.60	-972502.00	52063.60	33650.10	2-3	147.50	9.151	
780	1740.00	13	SLV(E)	-99230.20	0.84	0.55	-972502.00	50295.50	32495.10	2-3	147.50	9.800	
781	1800.00	13	SLV(E)	-92531.30	0.61	0.40	-972502.00						10.510
782	1860.00	13	SLV(E)	-86172.30	0.37	0.24	-972502.00						11.286
783	1920.00	13	SLV(E)	-80144.00	0.18	0.12	-972502.00						12.134
784	1980.00	13	SLV(E)	-74435.90	0.06	0.04	-972502.00						13.065
785	2040.00	13	SLV(E)	-69037.00	-0.01	-0.00	-972502.00						14.087
786	2100.00	13	SLV(E)	-63935.40	-0.03	-0.02	-972502.00						15.211
787	2160.00	13	SLV(E)	-59118.60	-0.04	-0.02	-972502.00						16.450
788	2220.00	13	SLV(E)	-54573.70	-0.03	-0.02	-972502.00						17.820
789	2280.00	13	SLV(E)	-50287.40	-0.02	-0.01	-972502.00						19.339
790	2340.00	13	SLV(E)	-46245.90	-0.01	-0.01	-972502.00						21.029
791	2400.00	13	SLV(E)	-42435.30	-0.00	-0.00	-972502.00						22.917
792	2460.00	13	SLV(E)	-38841.40	-0.00	-0.00	-972502.00						25.038
793	2520.00	13	SLV(E)	-35450.10	0.00	0.00	-972502.00						27.433
794	2580.00	13	SLV(E)	-32246.80	0.00	0.00	-972502.00						30.158
795	2640.00	13	SLV(E)	-29216.90	0.00	0.00	-972502.00						33.286
796	2700.00	13	SLV(E)	-26345.80	0.00	0.00	-972502.00						36.913
797	2760.00	13	SLV(E)	-23618.70	0.00	0.00	-972502.00						41.175
798	2820.00	13	SLV(E)	-21020.50	0.00	0.00	-972502.00						46.264
799	2880.00	13	SLV(E)	-18536.20	0.00	0.00	-972502.00						52.465
800	2940.00	13	SLV(E)	-16150.20	0.00	0.00	-972502.00						60.216
801	0.00	15	SLV(E)	-346444.00	-13954.90	-9712.04	-972502.00	-100755.00	-70978.20	2-3	325.00	2.807	
802	60.00	15	SLV(E)	-347622.00	-13910.70	-9681.28	-972502.00	-100961.00	-71116.30	2-3	325.00	2.798	
803	120.00	15	SLV(E)	-346539.00	-13223.40	-9202.94	-972502.00	-100771.00	-70988.70	2-3	325.00	2.806	
804	180.00	15	SLV(E)	-343404.00	-11718.80	-8155.80	-972502.00	-100222.00	-70621.00	2-3	325.00	2.832	
805	240.00	15	SLV(E)	-338423.00	-9589.49	-6673.90	-972502.00	-99341.50	-70031.70	2-3	325.00	2.874	
806	300.00	15	SLV(E)	-331796.00	-7184.00	-4999.78	-972502.00	-98177.20	-69207.50	2-3	325.00	2.931	
807	360.00	15	SLV(E)	-323717.00	-4853.07	-3377.54	-972502.00	-96771.20	-68112.30	2-3	325.00	3.004	
808	420.00	15	SLV(E)	-314371.00	-2859.36	-1990.00	-972502.00	-95128.60	-66830.60	2-3	325.00	3.093	
809	480.00	15	SLV(E)	-303934.00	-1343.97	-935.35	-972502.00	-93271.70	-65377.30	2-3	325.00	3.200	
810	540.00	15	SLV(E)	-292568.00	-331.69	-230.84	-972502.00	-91225.80	-63772.00	2-3	325.00	3.324	
811	600.00	15	SLV(E)	-280880.00	245.21	170.66	-972502.00	89101.60	62096.30	2-3	145.00	3.462	
812	660.00	15	SLV(E)	-269172.00	497.58	346.29	-972502.00	86928.40	60378.60	2-3	145.00	3.613	
813	720.00	15	SLV(E)	-257502.00	538.74	374.94	-972502.00	84708.00	58617.50	2-3	145.00	3.777	
814	780.00	15	SLV(E)	-245920.00	464.17	323.04	-972502.00	82357.70	57002.50	2-3	145.00	3.955	
815	840.00	15	SLV(E)	-234473.00	343.79	239.26	-972502.00	80001.10	55405.50	2-3	145.00	4.148	
816	900.00	15	SLV(E)	-223201.00	221.88	154.42	-972502.00	77652.80	53815.80	2-3	145.00	4.357	
817	960.00	15	SLV(E)	-212140.00	121.44	84.52	-972502.00	75301.30	52251.70	2-3	145.00	4.584	
818	1020.00	15	SLV(E)	-201321.00	50.22	34.95	-972502.00	72923.30	50696.90	2-3	145.00	4.831	
819	1080.00	15	SLV(E)	-190771.00	6.71	4.67	-972502.00	70566.80	49159.10	2-3	145.00	5.098	
820	1140.00	15	SLV(E)	-180513.00	-15.05	-10.48	-972502.00	-68252.30	-47654.90	2-3	325.00	5.387	
821	1200.00	15	SLV(E)	-170564.00	-22.17	-15.43	-972502.00	-65977.60	-46180.20	2-3	325.00	5.702	
822	1260.00	15	SLV(E)	-160940.00	-20.94	-14.57	-972502.00	-63754.50	-44745.80	2-3	325.00	6.043	
823	1320.00	15	SLV(E)	-151653.00	-16.04	-11.16	-972502.00	-61584.60	-43350.80	2-3	325.00	6.413	
824	1380.00	15	SLV(E)	-142710.00	-10.45	-7.27	-972502.00	-59425.70	-41965.20	2-3	325.00	6.815	
825	1440.00	15	SLV(E)	-134118.00	-5.70	-3.97	-972502.00	-57331.20	-40627.40	2-3	325.00	7.251	
826	1500.00	15	SLV(E)	-125879.00	-2.34	-1.63	-972502.00	-55733.20	-38671.90	2-3	325.63	7.726	
827	1560.00	15	SLV(E)	-117994.00	-0.34	-0.24	-972502.00						8.242
828	1620.00	15	SLV(E)	-110461.00	0.62	0.43	-972502.00						8.804
829	1680.00	15	SLV(E)	-103278.00	0.90	0.63	-972502.00	50201.30	34892.50	2-3	145.63	9.416	

830	1740.00	15	SLV(E)	-96438.50	0.82	0.57	-972502.00	48220.70	34164.80	2-3	145.00	10.084
831	1800.00	15	SLV(E)	-89936.60	0.60	0.42	-972502.00					10.813
832	1860.00	15	SLV(E)	-83764.50	0.36	0.25	-972502.00					11.610
833	1920.00	15	SLV(E)	-77913.10	0.18	0.12	-972502.00					12.482
834	1980.00	15	SLV(E)	-72372.50	0.06	0.04	-972502.00					13.438
835	2040.00	15	SLV(E)	-67131.80	-0.01	-0.00	-972502.00					14.486
836	2100.00	15	SLV(E)	-62179.70	-0.03	-0.02	-972502.00					15.640
837	2160.00	15	SLV(E)	-57504.00	-0.04	-0.02	-972502.00					16.912
838	2220.00	15	SLV(E)	-53092.20	-0.03	-0.02	-972502.00					18.317
839	2280.00	15	SLV(E)	-48931.50	-0.02	-0.01	-972502.00					19.875
840	2340.00	15	SLV(E)	-45008.50	-0.01	-0.01	-972502.00					21.607
841	2400.00	15	SLV(E)	-41309.70	-0.00	-0.00	-972502.00					23.542
842	2460.00	15	SLV(E)	-37821.50	-0.00	-0.00	-972502.00					25.713
843	2520.00	15	SLV(E)	-34530.10	0.00	0.00	-972502.00					28.164
844	2580.00	15	SLV(E)	-31421.40	0.00	0.00	-972502.00					30.950
845	2640.00	15	SLV(E)	-28481.40	0.00	0.00	-972502.00					34.145
846	2700.00	15	SLV(E)	-25695.90	0.00	0.00	-972502.00					37.847
847	2760.00	15	SLV(E)	-23050.40	0.00	0.00	-972502.00					42.190
848	2820.00	15	SLV(E)	-20530.70	0.00	0.00	-972502.00					47.368
849	2880.00	15	SLV(E)	-18121.90	0.00	0.00	-972502.00					53.665
850	2940.00	15	SLV(E)	-15809.10	0.00	0.00	-972502.00					61.515
901	0.00	1	SLV(E)	-385512.00	-17010.90	1000.54	-972502.00	-130892.00	8759.17	2-3	3.75	2.523
902	60.00	1	SLV(E)	-386690.00	-16974.60	998.41	-972502.00	-131126.00	8770.86	2-3	3.75	2.515
903	120.00	1	SLV(E)	-385366.00	-16150.30	949.93	-972502.00	-130862.00	8757.67	2-3	3.75	2.524
904	180.00	1	SLV(E)	-381772.00	-14323.40	842.47	-972502.00	-130145.00	8721.87	2-3	3.75	2.547
905	240.00	1	SLV(E)	-376137.00	-11728.90	689.87	-972502.00	-129011.00	8664.80	2-3	3.75	2.586
906	300.00	1	SLV(E)	-368683.00	-8792.81	517.17	-972502.00	-127498.00	8588.07	2-3	3.75	2.638
907	360.00	1	SLV(E)	-359625.00	-5944.68	349.65	-972502.00	-125723.00	7082.69	2-3	3.13	2.704
908	420.00	1	SLV(E)	-349170.00	-3506.57	206.25	-972502.00	-123546.00	6988.59	2-3	3.13	2.785
909	480.00	1	SLV(E)	-337512.00	-1651.94	97.16	-972502.00	-121082.00	6880.67	2-3	3.13	2.881
910	540.00	1	SLV(E)	-324832.00	-411.93	24.23	-972502.00	-118318.00	6758.36	2-3	3.13	2.994
911	600.00	1	SLV(E)	-311800.00	295.67	-17.39	-972502.00	-115350.00	-7739.37	2-3	183.75	3.119
912	660.00	1	SLV(E)	-298750.00	606.07	-35.65	-972502.00	-112419.00	-7363.30	2-3	183.75	3.255
913	720.00	1	SLV(E)	-285747.00	657.72	-38.69	-972502.00	-109448.00	-6977.53	2-3	183.75	3.403
914	780.00	1	SLV(E)	-272846.00	567.38	-33.37	-972502.00	-106455.00	-6586.05	2-3	183.75	3.564
915	840.00	1	SLV(E)	-260098.00	420.63	-24.74	-972502.00	-103385.00	-6303.24	2-3	183.75	3.739
916	900.00	1	SLV(E)	-247548.00	271.74	-15.98	-972502.00	-100317.00	-6139.38	2-3	183.75	3.929
917	960.00	1	SLV(E)	-235237.00	148.92	-8.76	-972502.00	-97262.70	-5980.46	2-3	183.75	4.134
918	1020.00	1	SLV(E)	-223198.00	61.75	-3.63	-972502.00	-94237.30	-5826.34	2-3	183.75	4.357
919	1080.00	1	SLV(E)	-211461.00	8.45	-0.50	-972502.00	-91248.00	-5676.64	2-3	183.75	4.599
920	1140.00	1	SLV(E)	-200050.00	-18.26	1.07	-972502.00	-88245.60	-5530.39	2-3	3.75	4.861
921	1200.00	1	SLV(E)	-188986.00	-27.04	1.59	-972502.00	-85294.40	-5428.48	2-3	3.75	5.146
922	1260.00	1	SLV(E)	-178285.00	-25.58	1.50	-972502.00	-82413.00	-5331.89	2-3	3.75	5.455
923	1320.00	1	SLV(E)	-167960.00	-19.62	1.15	-972502.00	-79596.10	-5238.86	2-3	3.75	5.790
924	1380.00	1	SLV(E)	-158020.00	-12.79	0.75	-972502.00	-76859.70	-5150.15	2-3	3.75	6.154
925	1440.00	1	SLV(E)	-148471.00	-6.99	0.41	-972502.00	-74224.70	-4226.50	2-3	3.13	6.550
926	1500.00	1	SLV(E)	-139316.00	-2.88	0.17	-972502.00	-71596.90	-4161.76	2-3	3.13	6.981
927	1560.00	1	SLV(E)	-130555.00	-0.43	0.03	-972502.00					7.449
928	1620.00	1	SLV(E)	-122187.00	0.75	-0.04	-972502.00					7.959
929	1680.00	1	SLV(E)	-114209.00	1.10	-0.06	-972502.00	64249.00	-3955.58	2-3	183.13	8.515
930	1740.00	1	SLV(E)	-106613.00	1.01	-0.06	-972502.00	61987.80	-3874.57	2-3	183.13	9.122
931	1800.00	1	SLV(E)	-99393.20	0.73	-0.04	-972502.00					9.784
932	1860.00	1	SLV(E)	-92540.10	0.45	-0.03	-972502.00					10.509
933	1920.00	1	SLV(E)	-86043.70	0.22	-0.01	-972502.00					11.302
934	1980.00	1	SLV(E)	-79892.90	0.07	-0.00	-972502.00					12.173
935	2040.00	1	SLV(E)	-74075.40	-0.01	0.00	-972502.00					13.129
936	2100.00	1	SLV(E)	-68578.50	-0.04	0.00	-972502.00					14.181
937	2160.00	1	SLV(E)	-63388.60	-0.04	0.00	-972502.00					15.342
938	2220.00	1	SLV(E)	-58491.70	-0.03	0.00	-972502.00					16.626
939	2280.00	1	SLV(E)	-53873.20	-0.02	0.00	-972502.00					18.052
940	2340.00	1	SLV(E)	-49518.30	-0.01	0.00	-972502.00					19.639
941	2400.00	1	SLV(E)	-45411.90	-0.00	0.00	-972502.00					21.415
942	2460.00	1	SLV(E)	-41538.70	-0.00	0.00	-972502.00					23.412
943	2520.00	1	SLV(E)	-37883.10	0.00	-0.00	-972502.00					25.671
944	2580.00	1	SLV(E)	-34429.50	0.00	-0.00	-972502.00					28.246
945	2640.00	1	SLV(E)	-31162.00	0.00	-0.00	-972502.00					31.208
946	2700.00	1	SLV(E)	-28064.70	0.00	-0.00	-972502.00					34.652
947	2760.00	1	SLV(E)	-25121.50	0.00	-0.00	-972502.00					38.712
948	2820.00	1	SLV(E)	-22316.10	0.00	-0.00	-972502.00					43.579
949	2880.00	1	SLV(E)	-19632.00	0.00	-0.00	-972502.00					49.537
950	2940.00	1	SLV(E)	-17052.40	0.00	0.00	-972502.00					57.030
951	0.00	3	SLV(E)	-367275.00	-17005.00	1000.54	-972502.00	-127210.00	8573.38	2-3	3.75	2.648
952	60.00	3	SLV(E)	-368453.00	-16962.80	998.06	-972502.00	-127451.00	8585.67	2-3	3.75	2.639
953	120.00	3	SLV(E)	-367242.00	-16134.20	949.31	-972502.00	-127204.00	8573.07	2-3	3.75	2.648
954	180.00	3	SLV(E)	-363862.00	-14305.60	841.71	-972502.00	-126513.00	8537.75	2-3	3.75	2.673
955	240.00	3	SLV(E)	-358532.00	-11711.60	689.09	-972502.00	-125497.00	7072.99	2-3	3.13	2.712
956	300.00	3	SLV(E)	-351464.00	-8777.80	516.47	-972502.00	-124027.00	7009.50	2-3	3.13	2.767
957	360.00	3	SLV(E)	-342864.00	-5932.92	349.08	-972502.00	-122219.00	6930.67	2-3	3.13	2.836
958	420.00	3	SLV(E)	-332926.00	-3498.28	205.83	-972502.00	-120094.00	6837.15	2-3	3.13	2.921
959	480.00	3	SLV(E)	-321837.00	-1646.77	96.89	-972502.00	-117654.00	6728.75	2-3	3.13	3.022
960	540.00	3	SLV(E)	-309771.00	-409.23	24.08	-972502.00	-114900.00	7681.45	2-3	3.75	3.139
961	600.00	3	SLV(E)	-297366.00	296.65	-17.45	-972502.00	-112104.00	-7322.56	2-3	183.75	3.270
962	660.00	3	SLV(E)	-284943.00	606.02	-35.66	-972502.00	-109264.00	-6953.59	2-3	183.75	3.413
963	720.00	3	SLV(E)	-272562.00	657.15	-38.67	-972502.00	-106389.00	-6577.32	2-3	183.75	3.568

964	780.00	3	SLV(E)	-260277.00	566.65	-33.34	-972502.00	103429.00	-6305.57	2-3	183.75	3.736
965	840.00	3	SLV(E)	-248136.00	419.96	-24.71	-972502.00	100463.00	-6147.15	2-3	183.75	3.919
966	900.00	3	SLV(E)	-236183.00	271.22	-15.96	-972502.00	97500.80	-5992.76	2-3	183.75	4.118
967	960.00	3	SLV(E)	-224455.00	148.57	-8.74	-972502.00	94554.40	-5842.23	2-3	183.75	4.333
968	1020.00	3	SLV(E)	-212986.00	61.55	-3.62	-972502.00	91643.50	-5696.50	2-3	183.75	4.566
969	1080.00	3	SLV(E)	-201803.00	8.36	-0.49	-972502.00	88710.30	-5550.98	2-3	183.75	4.819
970	1140.00	3	SLV(E)	-190930.00	-18.28	1.08	-972502.00	-85815.00	5446.07	2-3	3.75	5.093
971	1200.00	3	SLV(E)	-180387.00	-27.02	1.59	-972502.00	-82980.30	5350.79	2-3	3.75	5.391
972	1260.00	3	SLV(E)	-170189.00	-25.55	1.50	-972502.00	-80209.40	5259.01	2-3	3.75	5.714
973	1320.00	3	SLV(E)	-160348.00	-19.59	1.15	-972502.00	-77502.60	5170.85	2-3	3.75	6.065
974	1380.00	3	SLV(E)	-150873.00	-12.77	0.75	-972502.00	-74911.10	4243.97	2-3	3.13	6.446
975	1440.00	3	SLV(E)	-141771.00	-6.97	0.41	-972502.00	-72301.60	4178.52	2-3	3.13	6.860
976	1500.00	3	SLV(E)	-133043.00	-2.87	0.17	-972502.00	-69779.80	4117.33	2-3	3.13	7.310
977	1560.00	3	SLV(E)	-124692.00	-0.42	0.02	-972502.00					7.799
978	1620.00	3	SLV(E)	-116714.00	0.75	-0.04	-972502.00					8.332
979	1680.00	3	SLV(E)	-109106.00	1.10	-0.06	-972502.00	62734.10	-3901.65	2-3	183.13	8.913
980	1740.00	3	SLV(E)	-101864.00	1.00	-0.06	-972502.00	60597.90	-3054.06	2-3	182.50	9.547
981	1800.00	3	SLV(E)	-94978.90	0.73	-0.04	-972502.00					10.239
982	1860.00	3	SLV(E)	-88443.70	0.45	-0.03	-972502.00					10.996
983	1920.00	3	SLV(E)	-82248.40	0.22	-0.01	-972502.00					11.824
984	1980.00	3	SLV(E)	-76382.40	0.07	-0.00	-972502.00					12.732
985	2040.00	3	SLV(E)	-70834.20	-0.01	0.00	-972502.00					13.729
986	2100.00	3	SLV(E)	-65591.60	-0.04	0.00	-972502.00					14.827
987	2160.00	3	SLV(E)	-60641.70	-0.04	0.00	-972502.00					16.037
988	2220.00	3	SLV(E)	-55971.20	-0.03	0.00	-972502.00					17.375
989	2280.00	3	SLV(E)	-51566.40	-0.02	0.00	-972502.00					18.859
990	2340.00	3	SLV(E)	-47413.10	-0.01	0.00	-972502.00					20.511
991	2400.00	3	SLV(E)	-43497.00	-0.00	0.00	-972502.00					22.358
992	2460.00	3	SLV(E)	-39803.50	-0.00	0.00	-972502.00					24.433
993	2520.00	3	SLV(E)	-36317.90	0.00	-0.00	-972502.00					26.777
994	2580.00	3	SLV(E)	-33025.30	0.00	-0.00	-972502.00					29.447
995	2640.00	3	SLV(E)	-29910.70	0.00	-0.00	-972502.00					32.514
996	2700.00	3	SLV(E)	-26958.90	0.00	-0.00	-972502.00					36.074
997	2760.00	3	SLV(E)	-24154.70	0.00	-0.00	-972502.00					40.261
998	2820.00	3	SLV(E)	-21482.60	0.00	-0.00	-972502.00					45.269
999	2880.00	3	SLV(E)	-18927.00	0.00	-0.00	-972502.00					51.382
1000	2940.00	3	SLV(E)	-16472.00	0.00	0.00	-972502.00					59.040
1001	0.00	5	SLV(E)	-385512.00	-17011.30	-1000.54	-972502.00	-130892.00	-8759.17	2-3	356.25	2.523
1002	60.00	5	SLV(E)	-386690.00	-16974.50	-998.38	-972502.00	-131124.00	-8770.73	2-3	356.25	2.515
1003	120.00	5	SLV(E)	-385366.00	-16149.60	-949.86	-972502.00	-130862.00	-8757.67	2-3	356.25	2.524
1004	180.00	5	SLV(E)	-381772.00	-14322.50	-842.39	-972502.00	-130145.00	-8721.88	2-3	356.25	2.547
1005	240.00	5	SLV(E)	-376136.00	-11727.80	-689.79	-972502.00	-129011.00	-8664.80	2-3	356.25	2.586
1006	300.00	5	SLV(E)	-368682.00	-8791.81	-517.10	-972502.00	-127498.00	-8588.07	2-3	356.25	2.638
1007	360.00	5	SLV(E)	-359625.00	-5943.84	-349.59	-972502.00	-125723.00	-7082.70	2-3	356.88	2.704
1008	420.00	5	SLV(E)	-349170.00	-3505.93	-206.21	-972502.00	-123544.00	-6988.49	2-3	356.88	2.785
1009	480.00	5	SLV(E)	-337511.00	-1651.51	-97.14	-972502.00	-121082.00	-6880.69	2-3	356.88	2.881
1010	540.00	5	SLV(E)	-324831.00	-411.67	-24.21	-972502.00	-118318.00	-6758.37	2-3	356.88	2.994
1011	600.00	5	SLV(E)	-311800.00	295.79	17.40	-972502.00	115350.00	7739.37	2-3	176.25	3.119
1012	660.00	5	SLV(E)	-298750.00	606.10	35.65	-972502.00	112419.00	7363.30	2-3	176.25	3.255
1013	720.00	5	SLV(E)	-285746.00	657.70	38.68	-972502.00	109448.00	6977.53	2-3	176.25	3.403
1014	780.00	5	SLV(E)	-272845.00	567.34	33.37	-972502.00	106455.00	6586.05	2-3	176.25	3.564
1015	840.00	5	SLV(E)	-260098.00	420.59	24.74	-972502.00	103385.00	6303.24	2-3	176.25	3.739
1016	900.00	5	SLV(E)	-247548.00	271.70	15.98	-972502.00	100317.00	6139.38	2-3	176.25	3.929
1017	960.00	5	SLV(E)	-235237.00	148.89	8.76	-972502.00	97262.70	5980.46	2-3	176.25	4.134
1018	1020.00	5	SLV(E)	-223198.00	61.74	3.63	-972502.00	94237.30	5826.34	2-3	176.25	4.357
1019	1080.00	5	SLV(E)	-211461.00	8.44	0.50	-972502.00	91248.00	5676.64	2-3	176.25	4.599
1020	1140.00	5	SLV(E)	-200050.00	-18.27	-1.07	-972502.00	-88245.50	-5530.39	2-3	356.25	4.861
1021	1200.00	5	SLV(E)	-188986.00	-27.04	-1.59	-972502.00	-85294.40	-5428.49	2-3	356.25	5.146
1022	1260.00	5	SLV(E)	-178285.00	-25.58	-1.50	-972502.00	-82413.00	-5331.89	2-3	356.25	5.455
1023	1320.00	5	SLV(E)	-167960.00	-19.62	-1.15	-972502.00	-79596.10	-5238.87	2-3	356.25	5.790
1024	1380.00	5	SLV(E)	-158020.00	-12.79	-0.75	-972502.00	-76859.70	-5150.16	2-3	356.25	6.154
1025	1440.00	5	SLV(E)	-148471.00	-6.99	-0.41	-972502.00	-74224.80	-4226.51	2-3	356.88	6.550
1026	1500.00	5	SLV(E)	-139315.00	-2.88	-0.17	-972502.00	-71595.20	-4161.68	2-3	356.88	6.981
1027	1560.00	5	SLV(E)	-130555.00	-0.43	-0.03	-972502.00					7.449
1028	1620.00	5	SLV(E)	-122187.00	0.75	0.04	-972502.00					7.959
1029	1680.00	5	SLV(E)	-114209.00	1.10	0.06	-972502.00	64249.00	3955.59	2-3	176.88	8.515
1030	1740.00	5	SLV(E)	-106613.00	1.01	0.06	-972502.00	61987.80	3874.58	2-3	176.88	9.122
1031	1800.00	5	SLV(E)	-99393.10	0.73	0.04	-972502.00					9.784
1032	1860.00	5	SLV(E)	-92540.00	0.45	0.03	-972502.00					10.509
1033	1920.00	5	SLV(E)	-86043.60	0.22	0.01	-972502.00					11.302
1034	1980.00	5	SLV(E)	-79892.80	0.07	0.00	-972502.00					12.173
1035	2040.00	5	SLV(E)	-74075.40	-0.01	-0.00	-972502.00					13.129
1036	2100.00	5	SLV(E)	-68578.50	-0.04	-0.00	-972502.00					14.181
1037	2160.00	5	SLV(E)	-63388.60	-0.04	-0.00	-972502.00					15.342
1038	2220.00	5	SLV(E)	-58491.70	-0.03	-0.00	-972502.00					16.626
1039	2280.00	5	SLV(E)	-53873.20	-0.02	-0.00	-972502.00					18.052
1040	2340.00	5	SLV(E)	-49518.30	-0.01	-0.00	-972502.00					19.639
1041	2400.00	5	SLV(E)	-45411.90	-0.00	-0.00	-972502.00					21.415
1042	2460.00	5	SLV(E)	-41538.70	-0.00	-0.00	-972502.00					23.412
1043	2520.00	5	SLV(E)	-37883.10	0.00	0.00	-972502.00					25.671
1044	2580.00	5	SLV(E)	-34429.40	0.00	0.00	-972502.00					28.246
1045	2640.00	5	SLV(E)	-31161.90	0.00	0.00	-972502.00					31.208
1046	2700.00	5	SLV(E)	-28064.60	0.00	0.00	-972502.00					34.652
1047	2760.00	5	SLV(E)	-25121.40	0.00	0.00	-972502.00					38.712

1048	2820.00	5	SLV(E)	-22316.10	0.00	0.00	-972502.00						43.579
1049	2880.00	5	SLV(E)	-19632.00	0.00	0.00	-972502.00						49.537
1050	2940.00	5	SLV(E)	-17052.40	0.00	0.00	-972502.00						57.030
1051	0.00	7	SLV(E)	-367275.00	-17005.40	-1000.54	-972502.00	-127210.00	-8573.38	2-3	356.25	2.648	
1052	60.00	7	SLV(E)	-368453.00	-16962.60	-998.03	-972502.00	-127451.00	-8585.67	2-3	356.25	2.639	
1053	120.00	7	SLV(E)	-367242.00	-16133.50	-949.24	-972502.00	-127204.00	-8573.08	2-3	356.25	2.648	
1054	180.00	7	SLV(E)	-363862.00	-14304.50	-841.63	-972502.00	-126513.00	-8537.75	2-3	356.25	2.673	
1055	240.00	7	SLV(E)	-358532.00	-11710.40	-689.00	-972502.00	-125497.00	-7073.00	2-3	356.88	2.712	
1056	300.00	7	SLV(E)	-351464.00	-8776.70	-516.39	-972502.00	-124027.00	-7009.51	2-3	356.88	2.767	
1057	360.00	7	SLV(E)	-342863.00	-5932.00	-349.02	-972502.00	-122219.00	-6930.68	2-3	356.88	2.836	
1058	420.00	7	SLV(E)	-332926.00	-3497.58	-205.79	-972502.00	-120094.00	-6837.16	2-3	356.88	2.921	
1059	480.00	7	SLV(E)	-321837.00	-1646.31	-96.86	-972502.00	-117654.00	-6728.76	2-3	356.88	3.022	
1060	540.00	7	SLV(E)	-309771.00	-408.95	-24.06	-972502.00	-114900.00	-7681.45	2-3	356.25	3.139	
1061	600.00	7	SLV(E)	-297366.00	296.78	17.46	-972502.00	112104.00	7322.56	2-3	176.25	3.270	
1062	660.00	7	SLV(E)	-284943.00	606.05	35.66	-972502.00	109264.00	6953.59	2-3	176.25	3.413	
1063	720.00	7	SLV(E)	-272562.00	657.13	38.66	-972502.00	106389.00	6577.32	2-3	176.25	3.568	
1064	780.00	7	SLV(E)	-260276.00	566.61	33.34	-972502.00	103429.00	6305.57	2-3	176.25	3.736	
1065	840.00	7	SLV(E)	-248136.00	419.91	24.71	-972502.00	100463.00	6147.15	2-3	176.25	3.919	
1066	900.00	7	SLV(E)	-236183.00	271.18	15.96	-972502.00	97500.80	5992.76	2-3	176.25	4.118	
1067	960.00	7	SLV(E)	-224455.00	148.54	8.74	-972502.00	94554.40	5842.23	2-3	176.25	4.333	
1068	1020.00	7	SLV(E)	-212986.00	61.53	3.62	-972502.00	91643.50	5696.50	2-3	176.25	4.566	
1069	1080.00	7	SLV(E)	-201803.00	8.35	0.49	-972502.00	88710.30	5550.98	2-3	176.25	4.819	
1070	1140.00	7	SLV(E)	-190930.00	-18.29	-1.08	-972502.00	-85815.00	-5446.08	2-3	356.25	5.094	
1071	1200.00	7	SLV(E)	-180387.00	-27.02	-1.59	-972502.00	-82980.30	-5350.79	2-3	356.25	5.391	
1072	1260.00	7	SLV(E)	-170188.00	-25.55	-1.50	-972502.00	-80209.40	-5259.01	2-3	356.25	5.714	
1073	1320.00	7	SLV(E)	-160348.00	-19.59	-1.15	-972502.00	-77502.60	-5170.85	2-3	356.25	6.065	
1074	1380.00	7	SLV(E)	-150873.00	-12.77	-0.75	-972502.00	-74911.10	-4243.98	2-3	356.88	6.446	
1075	1440.00	7	SLV(E)	-141771.00	-6.97	-0.41	-972502.00	-72301.60	-4178.54	2-3	356.88	6.860	
1076	1500.00	7	SLV(E)	-133043.00	-2.87	-0.17	-972502.00	-69779.80	-4117.34	2-3	356.88	7.310	
1077	1560.00	7	SLV(E)	-124691.00	-0.42	-0.02	-972502.00					7.799	
1078	1620.00	7	SLV(E)	-116714.00	0.76	0.04	-972502.00					8.332	
1079	1680.00	7	SLV(E)	-109106.00	1.10	0.06	-972502.00	62734.10	3901.66	2-3	176.88	8.913	
1080	1740.00	7	SLV(E)	-101864.00	1.00	0.06	-972502.00	60597.80	3054.05	2-3	177.50	9.547	
1081	1800.00	7	SLV(E)	-94978.80	0.73	0.04	-972502.00					10.239	
1082	1860.00	7	SLV(E)	-88443.60	0.45	0.03	-972502.00					10.996	
1083	1920.00	7	SLV(E)	-82248.30	0.22	0.01	-972502.00					11.824	
1084	1980.00	7	SLV(E)	-76382.30	0.07	0.00	-972502.00					12.732	
1085	2040.00	7	SLV(E)	-70834.10	-0.01	-0.00	-972502.00					13.729	
1086	2100.00	7	SLV(E)	-65591.50	-0.04	-0.00	-972502.00					14.827	
1087	2160.00	7	SLV(E)	-60641.70	-0.04	-0.00	-972502.00					16.037	
1088	2220.00	7	SLV(E)	-55971.20	-0.03	-0.00	-972502.00					17.375	
1089	2280.00	7	SLV(E)	-51566.40	-0.02	-0.00	-972502.00					18.859	
1090	2340.00	7	SLV(E)	-47413.10	-0.01	-0.00	-972502.00					20.511	
1091	2400.00	7	SLV(E)	-43497.00	-0.00	-0.00	-972502.00					22.358	
1092	2460.00	7	SLV(E)	-39803.50	-0.00	-0.00	-972502.00					24.433	
1093	2520.00	7	SLV(E)	-36317.90	0.00	0.00	-972502.00					26.777	
1094	2580.00	7	SLV(E)	-33025.30	0.00	0.00	-972502.00					29.447	
1095	2640.00	7	SLV(E)	-29910.70	0.00	0.00	-972502.00					32.514	
1096	2700.00	7	SLV(E)	-26958.90	0.00	0.00	-972502.00					36.074	
1097	2760.00	7	SLV(E)	-24154.70	0.00	0.00	-972502.00					40.261	
1098	2820.00	7	SLV(E)	-21482.60	0.00	0.00	-972502.00					45.269	
1099	2880.00	7	SLV(E)	-18927.00	0.00	0.00	-972502.00					51.382	
1100	2940.00	7	SLV(E)	-16472.00	0.00	0.00	-972502.00					59.040	
1101	0.00	9	SLV(E)	-406789.00	-17017.90	300.17	-972502.00	-135236.00	2987.33	2-3	1.25	2.391	
1102	60.00	9	SLV(E)	-407967.00	-16984.50	299.58	-972502.00	-135458.00	2990.90	2-3	1.25	2.384	
1103	120.00	9	SLV(E)	-406511.00	-16161.90	285.07	-972502.00	-135185.00	2986.52	2-3	1.25	2.392	
1104	180.00	9	SLV(E)	-402667.00	-14335.40	252.85	-972502.00	-134456.00	2974.80	2-3	1.25	2.415	
1105	240.00	9	SLV(E)	-396675.00	-11739.90	207.07	-972502.00	-133308.00	2956.28	2-3	1.25	2.452	
1106	300.00	9	SLV(E)	-388771.00	-8802.06	155.25	-972502.00	-131759.00	2931.04	2-3	1.25	2.501	
1107	360.00	9	SLV(E)	-379181.00	-5951.69	104.98	-972502.00	-129844.00	2899.50	2-3	1.25	2.565	
1108	420.00	9	SLV(E)	-368121.00	-3511.33	61.93	-972502.00	-127600.00	2862.10	2-3	1.25	2.642	
1109	480.00	9	SLV(E)	-355798.00	-1654.77	29.19	-972502.00	-125059.00	2819.02	2-3	1.25	2.733	
1110	540.00	9	SLV(E)	-342402.00	-413.30	7.29	-972502.00	-122249.00	2770.25	2-3	1.25	2.840	
1111	600.00	9	SLV(E)	-328638.00	295.28	-5.21	-972502.00	119282.00	-2717.17	2-3	181.25	2.959	
1112	660.00	9	SLV(E)	-314858.00	606.25	-10.69	-972502.00	116225.00	-2661.34	2-3	181.25	3.089	
1113	720.00	9	SLV(E)	-301129.00	658.15	-11.61	-972502.00	113131.00	-2561.68	2-3	181.25	3.230	
1114	780.00	9	SLV(E)	-287509.00	567.86	-10.02	-972502.00	110014.00	-2273.07	2-3	181.25	3.383	
1115	840.00	9	SLV(E)	-274053.00	421.05	-7.43	-972502.00	106885.00	-2158.61	2-3	181.25	3.549	
1116	900.00	9	SLV(E)	-260808.00	272.05	-4.80	-972502.00	103691.00	-2100.37	2-3	181.25	3.729	
1117	960.00	9	SLV(E)	-247816.00	149.12	-2.63	-972502.00	100512.00	-2044.05	2-3	181.25	3.924	
1118	1020.00	9	SLV(E)	-235112.00	61.86	-1.09	-972502.00	97357.80	-1989.75	2-3	181.25	4.136	
1119	1080.00	9	SLV(E)	-222728.00	8.49	-0.15	-972502.00	94244.70	-1937.37	2-3	181.25	4.366	
1120	1140.00	9	SLV(E)	-210690.00	-18.26	0.32	-972502.00	-91167.50	1886.49	2-3	1.25	4.616	
1121	1200.00	9	SLV(E)	-199018.00	-27.05	0.48	-972502.00	-88090.00	1836.07	2-3	1.25	4.886	
1122	1260.00	9	SLV(E)	-187731.00	-25.60	0.45	-972502.00	-85083.40	1787.40	2-3	1.25	5.180	
1123	1320.00	9	SLV(E)	-176841.00	-19.64	0.35	-972502.00	-82142.10	1739.89	2-3	1.25	5.499	
1124	1380.00	9	SLV(E)	-166357.00	-12.81	0.23	-972502.00	-79279.90	1715.06	2-3	1.25	5.846	
1125	1440.00	9	SLV(E)	-156287.00	-7.00	0.12	-972502.00	-76501.20	1710.94	2-3	1.25	6.223	
1126	1500.00	9	SLV(E)	-146633.00	-2.89	0.05	-972502.00	-73776.70	1707.91	2-3	1.25	6.632	
1127	1560.00	9	SLV(E)	-137396.00	-0.43	0.01	-972502.00					7.078	
1128	1620.00	9	SLV(E)	-128573.00	0.75	-0.01	-972502.00					7.564	
1129	1680.00	9	SLV(E)	-120162.00	1.10	-0.02	-972502.00	66087.60	-1604.24	2-3	181.25	8.093	
1130	1740.00	9	SLV(E)	-112154.00	1.01	-0.02	-972502.00	63714.50	-1568.39	2-3	181.25	8.671	
1131	1800.00	9	SLV(E)	-104543.00	0.73	-0.01	-972502.00					9.302	

1216	900.00	13	SLV(E)	-222923.00	270.25	-4.77	-972502.00	94295.70	-1938.22	2-3	181.25	4.362
1217	960.00	13	SLV(E)	-211876.00	147.91	-2.61	-972502.00	91478.50	-1891.58	2-3	181.25	4.590
1218	1020.00	13	SLV(E)	-201072.00	61.16	-1.08	-972502.00	88638.70	-1845.07	2-3	181.25	4.837
1219	1080.00	13	SLV(E)	-190535.00	8.17	-0.14	-972502.00	85830.40	-1799.43	2-3	181.25	5.104
1220	1140.00	13	SLV(E)	-180290.00	-18.34	0.32	-972502.00	-83079.00	1755.04	2-3	1.25	5.394
1221	1200.00	13	SLV(E)	-170354.00	-27.00	0.48	-972502.00	-80374.70	1716.82	2-3	1.25	5.709
1222	1260.00	13	SLV(E)	-160743.00	-25.50	0.45	-972502.00	-77734.80	1712.75	2-3	1.25	6.050
1223	1320.00	13	SLV(E)	-151467.00	-19.54	0.34	-972502.00	-75156.20	1709.54	2-3	1.25	6.421
1224	1380.00	13	SLV(E)	-142536.00	-12.72	0.22	-972502.00	-72597.10	1702.96	2-3	1.25	6.823
1225	1440.00	13	SLV(E)	-133954.00	-6.94	0.12	-972502.00	-70122.00	1665.88	2-3	1.25	7.260
1226	1500.00	13	SLV(E)	-125726.00	-2.86	0.05	-972502.00	-67718.60	1629.21	2-3	1.25	7.735
1227	1560.00	13	SLV(E)	-117851.00	-0.41	0.01	-972502.00					8.252
1228	1620.00	13	SLV(E)	-110328.00	0.76	-0.01	-972502.00					8.815
1229	1680.00	13	SLV(E)	-103153.00	1.10	-0.02	-972502.00	61030.70	-1529.47	2-3	181.25	9.428
1230	1740.00	13	SLV(E)	-96322.50	1.00	-0.02	-972502.00	58975.00	-1501.20	2-3	181.25	10.096
1231	1800.00	13	SLV(E)	-89828.90	0.73	-0.01	-972502.00					10.826
1232	1860.00	13	SLV(E)	-83664.50	0.44	-0.01	-972502.00					11.624
1233	1920.00	13	SLV(E)	-77820.40	0.22	-0.00	-972502.00					12.497
1234	1980.00	13	SLV(E)	-72286.70	0.07	-0.00	-972502.00					13.453
1235	2040.00	13	SLV(E)	-67052.70	-0.01	0.00	-972502.00					14.504
1236	2100.00	13	SLV(E)	-62106.70	-0.04	0.00	-972502.00					15.659
1237	2160.00	13	SLV(E)	-57436.90	-0.04	0.00	-972502.00					16.932
1238	2220.00	13	SLV(E)	-53030.70	-0.03	0.00	-972502.00					18.338
1239	2280.00	13	SLV(E)	-48875.10	-0.02	0.00	-972502.00					19.898
1240	2340.00	13	SLV(E)	-44957.00	-0.01	0.00	-972502.00					21.632
1241	2400.00	13	SLV(E)	-41262.90	-0.00	0.00	-972502.00					23.568
1242	2460.00	13	SLV(E)	-37779.20	-0.00	0.00	-972502.00					25.742
1243	2520.00	13	SLV(E)	-34491.90	0.00	-0.00	-972502.00					28.195
1244	2580.00	13	SLV(E)	-31387.10	0.00	-0.00	-972502.00					30.984
1245	2640.00	13	SLV(E)	-28450.90	0.00	-0.00	-972502.00					34.182
1246	2700.00	13	SLV(E)	-25668.90	0.00	-0.00	-972502.00					37.886
1247	2760.00	13	SLV(E)	-23026.80	0.00	-0.00	-972502.00					42.233
1248	2820.00	13	SLV(E)	-20510.30	0.00	-0.00	-972502.00					47.415
1249	2880.00	13	SLV(E)	-18104.60	0.00	-0.00	-972502.00					53.716
1250	2940.00	13	SLV(E)	-15794.90	0.00	0.00	-972502.00					61.571
1251	0.00	15	SLV(E)	-345998.00	-16998.30	-300.17	-972502.00	-123007.00	-2783.55	2-3	358.75	2.811
1252	60.00	15	SLV(E)	-347176.00	-16944.00	-299.21	-972502.00	-123254.00	-2787.85	2-3	358.75	2.801
1253	120.00	15	SLV(E)	-346096.00	-16106.30	-284.42	-972502.00	-123028.00	-2783.91	2-3	358.75	2.810
1254	180.00	15	SLV(E)	-342967.00	-14273.30	-252.05	-972502.00	-122368.00	-2772.34	2-3	358.75	2.836
1255	240.00	15	SLV(E)	-337993.00	-11679.60	-206.25	-972502.00	-121312.00	-2753.70	2-3	358.75	2.877
1256	300.00	15	SLV(E)	-331376.00	-8749.65	-154.51	-972502.00	-119882.00	-2728.04	2-3	358.75	2.935
1257	360.00	15	SLV(E)	-323308.00	-5910.57	-104.37	-972502.00	-118105.00	-2695.70	2-3	358.75	3.008
1258	420.00	15	SLV(E)	-313975.00	-3482.30	-61.49	-972502.00	-116028.00	-2657.74	2-3	358.75	3.097
1259	480.00	15	SLV(E)	-303551.00	-1636.65	-28.90	-972502.00	-113679.00	-2611.95	2-3	358.75	3.204
1260	540.00	15	SLV(E)	-292200.00	-403.79	-7.13	-972502.00	-111094.00	-2373.99	2-3	358.75	3.328
1261	600.00	15	SLV(E)	-280528.00	298.79	5.28	-972502.00	108398.00	2186.82	2-3	178.75	3.467
1262	660.00	15	SLV(E)	-268835.00	606.11	10.70	-972502.00	105634.00	2135.53	2-3	178.75	3.617
1263	720.00	15	SLV(E)	-257180.00	656.20	11.59	-972502.00	102810.00	2084.65	2-3	178.75	3.781
1264	780.00	15	SLV(E)	-245613.00	565.35	9.98	-972502.00	99968.70	2034.67	2-3	178.75	3.959
1265	840.00	15	SLV(E)	-234180.00	418.72	7.39	-972502.00	97126.00	1985.78	2-3	178.75	4.153
1266	900.00	15	SLV(E)	-222923.00	270.24	4.77	-972502.00	94295.70	1938.23	2-3	178.75	4.362
1267	960.00	15	SLV(E)	-211876.00	147.90	2.61	-972502.00	91478.50	1891.58	2-3	178.75	4.590
1268	1020.00	15	SLV(E)	-201072.00	61.15	1.08	-972502.00	88638.70	1845.08	2-3	178.75	4.837
1269	1080.00	15	SLV(E)	-190535.00	8.17	0.14	-972502.00	85830.40	1799.43	2-3	178.75	5.104
1270	1140.00	15	SLV(E)	-180290.00	-18.34	-0.32	-972502.00	-83076.30	-1754.99	2-3	358.75	5.394
1271	1200.00	15	SLV(E)	-170354.00	-27.00	-0.48	-972502.00	-80374.70	-1716.82	2-3	358.75	5.709
1272	1260.00	15	SLV(E)	-160743.00	-25.50	-0.45	-972502.00	-77734.80	-1712.75	2-3	358.75	6.050
1273	1320.00	15	SLV(E)	-151467.00	-19.54	-0.34	-972502.00	-75156.10	-1709.54	2-3	358.75	6.421
1274	1380.00	15	SLV(E)	-142536.00	-12.72	-0.22	-972502.00	-72597.10	-1702.97	2-3	358.75	6.823
1275	1440.00	15	SLV(E)	-133954.00	-6.94	-0.12	-972502.00	-70122.00	-1665.88	2-3	358.75	7.260
1276	1500.00	15	SLV(E)	-125726.00	-2.86	-0.05	-972502.00	-67718.60	-1629.21	2-3	358.75	7.735
1277	1560.00	15	SLV(E)	-117851.00	-0.41	-0.01	-972502.00					8.252
1278	1620.00	15	SLV(E)	-110328.00	0.76	0.01	-972502.00					8.815
1279	1680.00	15	SLV(E)	-103153.00	1.10	0.02	-972502.00	61030.70	1529.47	2-3	178.75	9.428
1280	1740.00	15	SLV(E)	-96322.50	1.00	0.02	-972502.00	58975.00	1501.20	2-3	178.75	10.096
1281	1800.00	15	SLV(E)	-89828.80	0.73	0.01	-972502.00					10.826
1282	1860.00	15	SLV(E)	-83664.50	0.44	0.01	-972502.00					11.624
1283	1920.00	15	SLV(E)	-77820.40	0.22	0.00	-972502.00					12.497
1284	1980.00	15	SLV(E)	-72286.70	0.07	0.00	-972502.00					13.453
1285	2040.00	15	SLV(E)	-67052.60	-0.01	-0.00	-972502.00					14.504
1286	2100.00	15	SLV(E)	-62106.70	-0.04	-0.00	-972502.00					15.659
1287	2160.00	15	SLV(E)	-57436.90	-0.04	-0.00	-972502.00					16.932
1288	2220.00	15	SLV(E)	-53030.70	-0.03	-0.00	-972502.00					18.338
1289	2280.00	15	SLV(E)	-48875.10	-0.02	-0.00	-972502.00					19.898
1290	2340.00	15	SLV(E)	-44957.00	-0.01	-0.00	-972502.00					21.632
1291	2400.00	15	SLV(E)	-41262.90	-0.00	-0.00	-972502.00					23.568
1292	2460.00	15	SLV(E)	-37779.20	-0.00	-0.00	-972502.00					25.742
1293	2520.00	15	SLV(E)	-34491.90	0.00	0.00	-972502.00					28.195
1294	2580.00	15	SLV(E)	-31387.10	0.00	0.00	-972502.00					30.984
1295	2640.00	15	SLV(E)	-28450.90	0.00	0.00	-972502.00					34.182
1296	2700.00	15	SLV(E)	-25668.90	0.00	0.00	-972502.00					37.886
1297	2760.00	15	SLV(E)	-23026.80	0.00	0.00	-972502.00					42.233
1298	2820.00	15	SLV(E)	-20510.30	0.00	0.00	-972502.00					47.415
1299	2880.00	15	SLV(E)	-18104.60	0.00	0.00	-972502.00					53.716

1300	2940.00	15	SLV(E)	-15794.90	0.00	0.00	-972502.00					61.571
1351	0.00	1	SLV(E)	-365905.00	-13177.50	10792.60	-972502.00	-99162.90	80209.40	2-3	38.75	2.658
1352	60.00	1	SLV(E)	-367083.00	-13144.30	10765.50	-972502.00	-99357.60	80355.10	2-3	38.75	2.649
1353	120.00	1	SLV(E)	-365880.00	-12501.90	10239.30	-972502.00	-99159.60	80207.00	2-3	38.75	2.658
1354	180.00	1	SLV(E)	-362517.00	-11084.60	9078.54	-972502.00	-98625.50	79762.40	2-3	38.75	2.683
1355	240.00	1	SLV(E)	-357210.00	-9074.48	7432.18	-972502.00	-97792.10	79038.70	2-3	38.75	2.723
1356	300.00	1	SLV(E)	-350171.00	-6801.15	5570.27	-972502.00	-96681.30	78072.60	2-3	38.75	2.777
1357	360.00	1	SLV(E)	-341604.00	-4596.78	3764.85	-972502.00	-95313.40	76880.40	2-3	38.75	2.847
1358	420.00	1	SLV(E)	-331706.00	-2710.33	2219.82	-972502.00	-93716.50	75485.40	2-3	38.75	2.932
1359	480.00	1	SLV(E)	-320660.00	-1275.76	1044.87	-972502.00	-91115.20	74881.80	2-3	39.38	3.033
1360	540.00	1	SLV(E)	-308640.00	-316.92	259.56	-972502.00	-89100.00	73084.00	2-3	39.38	3.151
1361	600.00	1	SLV(E)	-296282.00	229.97	-188.35	-972502.00	87000.20	-71206.80	2-3	219.38	3.282
1362	660.00	1	SLV(E)	-283906.00	469.63	-384.63	-972502.00	84862.10	-69294.10	2-3	219.38	3.425
1363	720.00	1	SLV(E)	-271572.00	509.21	-417.05	-972502.00	82690.80	-67392.40	2-3	219.38	3.581
1364	780.00	1	SLV(E)	-259332.00	439.07	-359.61	-972502.00	79734.40	-66377.20	2-3	220.00	3.750
1365	840.00	1	SLV(E)	-247237.00	325.39	-266.50	-972502.00	77499.60	-64410.50	2-3	220.00	3.933
1366	900.00	1	SLV(E)	-235329.00	210.14	-172.11	-972502.00	75267.10	-62445.30	2-3	220.00	4.133
1367	960.00	1	SLV(E)	-223645.00	115.11	-94.27	-972502.00	73052.10	-60495.10	2-3	220.00	4.348
1368	1020.00	1	SLV(E)	-212219.00	47.68	-39.05	-972502.00	70767.50	-58687.10	2-3	220.00	4.583
1369	1080.00	1	SLV(E)	-201077.00	6.47	-5.30	-972502.00	68422.40	-56934.10	2-3	220.00	4.836
1370	1140.00	1	SLV(E)	-190245.00	-14.17	11.61	-972502.00	-66668.60	54454.60	2-3	39.38	5.112
1371	1200.00	1	SLV(E)	-179741.00	-20.94	17.15	-972502.00	-64377.30	52783.80	2-3	39.38	5.411
1372	1260.00	1	SLV(E)	-169580.00	-19.80	16.21	-972502.00	-62667.10	50427.20	2-3	38.75	5.735
1373	1320.00	1	SLV(E)	-159776.00	-15.18	12.43	-972502.00	-60460.00	48854.70	2-3	38.75	6.087
1374	1380.00	1	SLV(E)	-150336.00	-9.89	8.10	-972502.00	-58315.10	47332.60	2-3	38.75	6.469
1375	1440.00	1	SLV(E)	-141267.00	-5.40	4.42	-972502.00	-56186.20	45820.40	2-3	38.75	6.884
1376	1500.00	1	SLV(E)	-132572.00	-2.23	1.82	-972502.00	-54254.90	44201.70	2-3	38.75	7.336
1377	1560.00	1	SLV(E)	-124251.00	-0.33	0.27	-972502.00					7.827
1378	1620.00	1	SLV(E)	-116302.00	0.59	-0.48	-972502.00					8.362
1379	1680.00	1	SLV(E)	-108723.00	0.85	-0.70	-972502.00	48885.40	-39635.20	2-3	218.75	8.945
1380	1740.00	1	SLV(E)	-101507.00	0.78	-0.64	-972502.00	47238.40	-38228.00	2-3	218.75	9.581
1381	1800.00	1	SLV(E)	-94647.30	0.57	-0.46	-972502.00					10.275
1382	1860.00	1	SLV(E)	-88135.90	0.35	-0.28	-972502.00					11.034
1383	1920.00	1	SLV(E)	-81963.20	0.17	-0.14	-972502.00					11.865
1384	1980.00	1	SLV(E)	-76118.60	0.06	-0.05	-972502.00					12.776
1385	2040.00	1	SLV(E)	-70590.70	-0.01	0.01	-972502.00					13.777
1386	2100.00	1	SLV(E)	-65367.20	-0.03	0.03	-972502.00					14.877
1387	2160.00	1	SLV(E)	-60435.30	-0.03	0.03	-972502.00					16.092
1388	2220.00	1	SLV(E)	-55781.90	-0.03	0.02	-972502.00					17.434
1389	2280.00	1	SLV(E)	-51393.10	-0.02	0.01	-972502.00					18.923
1390	2340.00	1	SLV(E)	-47255.00	-0.01	0.01	-972502.00					20.580
1391	2400.00	1	SLV(E)	-43353.20	-0.00	0.00	-972502.00					22.432
1392	2460.00	1	SLV(E)	-39673.20	-0.00	0.00	-972502.00					24.513
1393	2520.00	1	SLV(E)	-36200.30	0.00	-0.00	-972502.00					26.864
1394	2580.00	1	SLV(E)	-32919.80	0.00	-0.00	-972502.00					29.541
1395	2640.00	1	SLV(E)	-29816.70	0.00	-0.00	-972502.00					32.616
1396	2700.00	1	SLV(E)	-26875.80	0.00	-0.00	-972502.00					36.185
1397	2760.00	1	SLV(E)	-24082.10	0.00	-0.00	-972502.00					40.383
1398	2820.00	1	SLV(E)	-21420.00	0.00	-0.00	-972502.00					45.401
1399	2880.00	1	SLV(E)	-18874.10	0.00	-0.00	-972502.00					51.526
1400	2940.00	1	SLV(E)	-16428.40	0.00	0.00	-972502.00					59.196
1401	0.00	3	SLV(E)	-351151.00	-13381.10	10504.30	-972502.00	-98397.40	76073.50	2-3	37.50	2.769
1402	60.00	3	SLV(E)	-352329.00	-13341.20	10473.10	-972502.00	-98585.90	76231.80	2-3	37.50	2.760
1403	120.00	3	SLV(E)	-351217.00	-12684.10	9957.22	-972502.00	-98407.00	76081.60	2-3	37.50	2.769
1404	180.00	3	SLV(E)	-348027.00	-11242.40	8825.48	-972502.00	-97892.70	75650.40	2-3	37.50	2.794
1405	240.00	3	SLV(E)	-342967.00	-9200.82	7222.80	-972502.00	-97073.30	74962.00	2-3	37.50	2.836
1406	300.00	3	SLV(E)	-336241.00	-6893.71	5411.67	-972502.00	-95978.50	74041.10	2-3	37.50	2.892
1407	360.00	3	SLV(E)	-328044.00	-4657.65	3656.33	-972502.00	-93865.50	73923.50	2-3	38.13	2.965
1408	420.00	3	SLV(E)	-318564.00	-2744.81	2154.72	-972502.00	-92267.90	72550.90	2-3	38.13	3.053
1409	480.00	3	SLV(E)	-307979.00	-1290.67	1013.20	-972502.00	-90460.40	70996.10	2-3	38.13	3.158
1410	540.00	3	SLV(E)	-296455.00	-319.14	250.53	-972502.00	-88471.50	69280.80	2-3	38.13	3.280
1411	600.00	3	SLV(E)	-284605.00	234.66	-184.21	-972502.00	85699.00	-68454.00	2-3	218.75	3.417
1412	660.00	3	SLV(E)	-272736.00	477.05	-374.49	-972502.00	83613.40	-66618.80	2-3	218.75	3.566
1413	720.00	3	SLV(E)	-260905.00	516.73	-405.64	-972502.00	81441.50	-64759.40	2-3	218.75	3.727
1414	780.00	3	SLV(E)	-249164.00	445.31	-349.57	-972502.00	79249.60	-62891.20	2-3	218.75	3.903
1415	840.00	3	SLV(E)	-237560.00	329.88	-258.96	-972502.00	77052.40	-61017.10	2-3	218.75	4.094
1416	900.00	3	SLV(E)	-226134.00	212.94	-167.16	-972502.00	74828.30	-59189.60	2-3	218.75	4.301
1417	960.00	3	SLV(E)	-214923.00	116.57	-91.51	-972502.00	72519.50	-57514.80	2-3	218.75	4.525
1418	1020.00	3	SLV(E)	-203957.00	48.23	-37.86	-972502.00	70202.50	-55837.80	2-3	218.75	4.768
1419	1080.00	3	SLV(E)	-193264.00	6.47	-5.08	-972502.00	67892.10	-54172.50	2-3	218.75	5.032
1420	1140.00	3	SLV(E)	-182867.00	-14.42	11.32	-972502.00	-66161.30	51782.70	2-3	38.13	5.318
1421	1200.00	3	SLV(E)	-172784.00	-21.26	16.69	-972502.00	-63919.30	50205.30	2-3	38.13	5.628
1422	1260.00	3	SLV(E)	-163030.00	-20.08	15.77	-972502.00	-61719.80	48661.40	2-3	38.13	5.965
1423	1320.00	3	SLV(E)	-153618.00	-15.39	12.08	-972502.00	-60084.50	46467.00	2-3	37.50	6.331
1424	1380.00	3	SLV(E)	-144555.00	-10.03	7.87	-972502.00	-57956.80	45006.40	2-3	37.50	6.728
1425	1440.00	3	SLV(E)	-135847.00	-5.47	4.30	-972502.00	-55878.70	43582.60	2-3	37.50	7.159
1426	1500.00	3	SLV(E)	-127498.00	-2.25	1.77	-972502.00	-53945.20	42105.80	2-3	37.50	7.628
1427	1560.00	3	SLV(E)	-119507.00	-0.33	0.26	-972502.00					8.138
1428	1620.00	3	SLV(E)	-111874.00	0.60	-0.47	-972502.00					8.693
1429	1680.00	3	SLV(E)	-104595.00	0.87	-0.68	-972502.00	48695.10	-37791.20	2-3	217.50	9.298
1430	1740.00	3	SLV(E)	-97664.40	0.79	-0.62	-972502.00	47088.10	-36464.10	2-3	217.50	9.958
1431	1800.00	3	SLV(E)	-91076.00	0.58	-0.45	-972502.00					10.678
1432	1860.00	3	SLV(E)	-84821.80	0.35	-0.27	-972502.00					11.465
1433	1920.00	3	SLV(E)	-78892.70	0.17	-0.13	-972502.00					12.327

1434	1980.00	3	SLV(E)	-73278.50	0.06	-0.04	-972502.00						13.271
1435	2040.00	3	SLV(E)	-67968.40	-0.01	0.01	-972502.00						14.308
1436	2100.00	3	SLV(E)	-62950.60	-0.03	0.02	-972502.00						15.449
1437	2160.00	3	SLV(E)	-58213.00	-0.03	0.03	-972502.00						16.706
1438	2220.00	3	SLV(E)	-53742.80	-0.03	0.02	-972502.00						18.096
1439	2280.00	3	SLV(E)	-49526.90	-0.02	0.01	-972502.00						19.636
1440	2340.00	3	SLV(E)	-45551.80	-0.01	0.01	-972502.00						21.349
1441	2400.00	3	SLV(E)	-41804.00	-0.00	0.00	-972502.00						23.263
1442	2460.00	3	SLV(E)	-38269.40	-0.00	0.00	-972502.00						25.412
1443	2520.00	3	SLV(E)	-34934.10	0.00	-0.00	-972502.00						27.838
1444	2580.00	3	SLV(E)	-31783.80	0.00	-0.00	-972502.00						30.597
1445	2640.00	3	SLV(E)	-28804.40	0.00	-0.00	-972502.00						33.762
1446	2700.00	3	SLV(E)	-25981.30	0.00	-0.00	-972502.00						37.431
1447	2760.00	3	SLV(E)	-23300.00	0.00	-0.00	-972502.00						41.738
1448	2820.00	3	SLV(E)	-20745.80	0.00	-0.00	-972502.00						46.877
1449	2880.00	3	SLV(E)	-18303.80	0.00	-0.00	-972502.00						53.131
1450	2940.00	3	SLV(E)	-15958.90	0.00	0.00	-972502.00						60.938
1451	0.00	5	SLV(E)	-401636.00	-14138.70	9489.88	-972502.00	-111650.00	74723.30	2-3	33.75		2.421
1452	60.00	5	SLV(E)	-402815.00	-14110.40	9470.87	-972502.00	-111840.00	74846.70	2-3	33.75		2.414
1453	120.00	5	SLV(E)	-401391.00	-13426.50	9011.89	-972502.00	-111612.00	74698.20	2-3	33.75		2.423
1454	180.00	5	SLV(E)	-397607.00	-11908.90	7993.24	-972502.00	-111002.00	74302.30	2-3	33.75		2.446
1455	240.00	5	SLV(E)	-391702.00	-9752.51	6545.88	-972502.00	-110040.00	73677.90	2-3	33.75		2.483
1456	300.00	5	SLV(E)	-383906.00	-7311.79	4907.67	-972502.00	-108742.00	72835.00	2-3	33.75		2.533
1457	360.00	5	SLV(E)	-374445.00	-4943.87	3318.32	-972502.00	-107144.00	71799.30	2-3	33.75		2.597
1458	420.00	5	SLV(E)	-363532.00	-2916.63	1957.64	-972502.00	-105272.00	70587.00	2-3	33.75		2.675
1459	480.00	5	SLV(E)	-351370.00	-1374.40	922.49	-972502.00	-103149.00	69215.70	2-3	33.75		2.768
1460	540.00	5	SLV(E)	-338148.00	-343.14	230.32	-972502.00	-100802.00	67702.50	2-3	33.75		2.876
1461	600.00	5	SLV(E)	-324561.00	245.42	-164.73	-972502.00	98311.70	-66100.60	2-3	213.75		2.996
1462	660.00	5	SLV(E)	-310958.00	503.69	-338.08	-972502.00	95880.60	-64279.20	2-3	213.75		3.127
1463	720.00	5	SLV(E)	-297404.00	546.77	-366.99	-972502.00	93425.20	-62427.70	2-3	213.75		3.270
1464	780.00	5	SLV(E)	-283958.00	471.74	-316.63	-972502.00	90950.40	-60552.50	2-3	213.75		3.425
1465	840.00	5	SLV(E)	-270674.00	349.76	-234.76	-972502.00	88467.20	-58658.70	2-3	213.75		3.593
1466	900.00	5	SLV(E)	-257597.00	225.98	-151.68	-972502.00	85861.50	-56857.90	2-3	213.75		3.775
1467	960.00	5	SLV(E)	-244770.00	123.86	-83.14	-972502.00	83218.60	-55133.10	2-3	213.75		3.973
1468	1020.00	5	SLV(E)	-232227.00	51.38	-34.49	-972502.00	80603.20	-53425.90	2-3	213.75		4.188
1469	1080.00	5	SLV(E)	-220000.00	7.05	-4.73	-972502.00	78017.50	-51738.60	2-3	213.75		4.420
1470	1140.00	5	SLV(E)	-208113.00	-15.17	10.18	-972502.00	-75457.30	50069.20	2-3	33.75		4.673
1471	1200.00	5	SLV(E)	-196589.00	-22.47	15.08	-972502.00	-72890.90	48419.70	2-3	33.75		4.947
1472	1260.00	5	SLV(E)	-185443.00	-21.27	14.27	-972502.00	-70368.80	46832.10	2-3	33.75		5.244
1473	1320.00	5	SLV(E)	-174690.00	-16.31	10.95	-972502.00	-67900.10	45283.50	2-3	33.75		5.567
1474	1380.00	5	SLV(E)	-164338.00	-10.64	7.14	-972502.00	-65498.90	43783.00	2-3	33.75		5.918
1475	1440.00	5	SLV(E)	-154394.00	-5.81	3.90	-972502.00	-63161.70	42329.10	2-3	33.75		6.299
1476	1500.00	5	SLV(E)	-144861.00	-2.40	1.61	-972502.00	-60857.20	40901.00	2-3	33.75		6.713
1477	1560.00	5	SLV(E)	-135739.00	-0.35	0.24	-972502.00						7.164
1478	1620.00	5	SLV(E)	-127027.00	0.63	-0.42	-972502.00						7.656
1479	1680.00	5	SLV(E)	-118720.00	0.92	-0.62	-972502.00	54367.60	-36915.60	2-3	213.75		8.192
1480	1740.00	5	SLV(E)	-110812.00	0.84	-0.56	-972502.00	52376.30	-35676.30	2-3	213.75		8.776
1481	1800.00	5	SLV(E)	-103296.00	0.61	-0.41	-972502.00						9.415
1482	1860.00	5	SLV(E)	-96161.90	0.37	-0.25	-972502.00						10.113
1483	1920.00	5	SLV(E)	-89399.40	0.18	-0.12	-972502.00						10.878
1484	1980.00	5	SLV(E)	-82996.70	0.06	-0.04	-972502.00						11.717
1485	2040.00	5	SLV(E)	-76941.20	-0.01	0.00	-972502.00						12.640
1486	2100.00	5	SLV(E)	-71219.50	-0.03	0.02	-972502.00						13.655
1487	2160.00	5	SLV(E)	-65817.40	-0.04	0.02	-972502.00						14.776
1488	2220.00	5	SLV(E)	-60720.20	-0.03	0.02	-972502.00						16.016
1489	2280.00	5	SLV(E)	-55912.80	-0.02	0.01	-972502.00						17.393
1490	2340.00	5	SLV(E)	-51379.60	-0.01	0.01	-972502.00						18.928
1491	2400.00	5	SLV(E)	-47105.00	-0.00	0.00	-972502.00						20.645
1492	2460.00	5	SLV(E)	-43072.90	-0.00	0.00	-972502.00						22.578
1493	2520.00	5	SLV(E)	-39266.90	0.00	-0.00	-972502.00						24.766
1494	2580.00	5	SLV(E)	-35670.90	0.00	-0.00	-972502.00						27.263
1495	2640.00	5	SLV(E)	-32268.30	0.00	-0.00	-972502.00						30.138
1496	2700.00	5	SLV(E)	-29042.30	0.00	-0.00	-972502.00						33.486
1497	2760.00	5	SLV(E)	-25976.20	0.00	-0.00	-972502.00						37.438
1498	2820.00	5	SLV(E)	-23052.90	0.00	-0.00	-972502.00						42.186
1499	2880.00	5	SLV(E)	-20255.20	0.00	-0.00	-972502.00						48.012
1500	2940.00	5	SLV(E)	-17565.50	0.00	0.00	-972502.00						55.364
1501	0.00	7	SLV(E)	-386882.00	-14342.30	9201.64	-972502.00	-110799.00	70681.10	2-3	32.50		2.514
1502	60.00	7	SLV(E)	-388060.00	-14311.50	9181.89	-972502.00	-110997.00	70805.30	2-3	32.50		2.506
1503	120.00	7	SLV(E)	-386728.00	-13616.30	8735.85	-972502.00	-110772.00	70664.20	2-3	32.50		2.515
1504	180.00	7	SLV(E)	-383118.00	-12075.90	7747.59	-972502.00	-110164.00	70284.00	2-3	32.50		2.538
1505	240.00	7	SLV(E)	-377459.00	-9888.37	6344.12	-972502.00	-109197.00	69680.40	2-3	32.50		2.576
1506	300.00	7	SLV(E)	-369976.00	-7412.94	4755.95	-972502.00	-107911.00	68877.80	2-3	32.50		2.629
1507	360.00	7	SLV(E)	-360885.00	-5011.71	3215.38	-972502.00	-106330.00	67893.10	2-3	32.50		2.695
1508	420.00	7	SLV(E)	-350391.00	-2956.18	1896.61	-972502.00	-104475.00	66740.90	2-3	32.50		2.775
1509	480.00	7	SLV(E)	-338689.00	-1392.60	893.46	-972502.00	-102373.00	65437.30	2-3	32.50		2.871
1510	540.00	7	SLV(E)	-325963.00	-347.20	222.75	-972502.00	-100023.00	63981.60	2-3	32.50		2.983
1511	600.00	7	SLV(E)	-312884.00	249.33	-159.96	-972502.00	97561.30	-62425.90	2-3	212.50		3.108
1512	660.00	7	SLV(E)	-299788.00	511.00	-327.84	-972502.00	95163.00	-60684.20	2-3	212.50		3.244
1513	720.00	7	SLV(E)	-286737.00	554.52	-355.77	-972502.00	92739.70	-58915.90	2-3	212.50		3.392
1514	780.00	7	SLV(E)	-273790.00	478.35	-306.89	-972502.00	90283.80	-57154.20	2-3	212.50		3.552
1515	840.00	7	SLV(E)	-260996.00	354.62	-227.52	-972502.00	87667.60	-55516.10	2-3	212.50		3.726
1516	900.00	7	SLV(E)	-248402.00	229.09	-146.98	-972502.00	85060.30	-53880.70	2-3	212.50		3.915
1517	960.00	7	SLV(E)	-236047.00	125.55	-80.55	-972502.00	82463.10	-52249.70	2-3	212.50		4.120

1518	1020.00	7	SLV(E)	-223965.00	52.06	-33.40	-972502.00	79891.00	-50633.40	2-3	212.50	4.342
1519	1080.00	7	SLV(E)	-212186.00	7.12	-4.57	-972502.00	77352.70	-49038.10	2-3	212.50	4.583
1520	1140.00	7	SLV(E)	-200735.00	-15.40	9.88	-972502.00	-74803.80	47436.90	2-3	32.50	4.845
1521	1200.00	7	SLV(E)	-189632.00	-22.79	14.62	-972502.00	-72296.00	45863.00	2-3	32.50	5.128
1522	1260.00	7	SLV(E)	-178893.00	-21.57	13.84	-972502.00	-69833.20	44350.90	2-3	32.50	5.436
1523	1320.00	7	SLV(E)	-168532.00	-16.54	10.61	-972502.00	-67417.00	42890.70	2-3	32.50	5.770
1524	1380.00	7	SLV(E)	-158557.00	-10.78	6.92	-972502.00	-65062.50	41474.70	2-3	32.50	6.133
1525	1440.00	7	SLV(E)	-148974.00	-5.89	3.78	-972502.00	-62755.40	40092.50	2-3	32.50	6.528
1526	1500.00	7	SLV(E)	-139787.00	-2.43	1.56	-972502.00	-60489.30	38741.90	2-3	32.50	6.957
1527	1560.00	7	SLV(E)	-130996.00	-0.36	0.23	-972502.00					7.424
1528	1620.00	7	SLV(E)	-122599.00	0.64	-0.41	-972502.00					7.932
1529	1680.00	7	SLV(E)	-114592.00	0.93	-0.60	-972502.00	54181.30	-34939.80	2-3	212.50	8.487
1530	1740.00	7	SLV(E)	-106970.00	0.85	-0.54	-972502.00	52240.30	-33757.70	2-3	212.50	9.091
1531	1800.00	7	SLV(E)	-99724.80	0.62	-0.40	-972502.00					9.752
1532	1860.00	7	SLV(E)	-92847.80	0.38	-0.24	-972502.00					10.474
1533	1920.00	7	SLV(E)	-86328.80	0.19	-0.12	-972502.00					11.265
1534	1980.00	7	SLV(E)	-80156.60	0.06	-0.04	-972502.00					12.133
1535	2040.00	7	SLV(E)	-74318.90	-0.01	0.00	-972502.00					13.085
1536	2100.00	7	SLV(E)	-68802.90	-0.03	0.02	-972502.00					14.135
1537	2160.00	7	SLV(E)	-63595.00	-0.04	0.02	-972502.00					15.292
1538	2220.00	7	SLV(E)	-58681.10	-0.03	0.02	-972502.00					16.573
1539	2280.00	7	SLV(E)	-54046.50	-0.02	0.01	-972502.00					17.994
1540	2340.00	7	SLV(E)	-49676.50	-0.01	0.01	-972502.00					19.577
1541	2400.00	7	SLV(E)	-45555.80	-0.00	0.00	-972502.00					21.348
1542	2460.00	7	SLV(E)	-41669.10	-0.00	0.00	-972502.00					23.339
1543	2520.00	7	SLV(E)	-38000.70	0.00	-0.00	-972502.00					25.592
1544	2580.00	7	SLV(E)	-34534.90	0.00	-0.00	-972502.00					28.160
1545	2640.00	7	SLV(E)	-31256.00	0.00	-0.00	-972502.00					31.114
1546	2700.00	7	SLV(E)	-28147.70	0.00	-0.00	-972502.00					34.550
1547	2760.00	7	SLV(E)	-25194.10	0.00	-0.00	-972502.00					38.600
1548	2820.00	7	SLV(E)	-22378.70	0.00	-0.00	-972502.00					43.457
1549	2880.00	7	SLV(E)	-19684.90	0.00	-0.00	-972502.00					49.403
1550	2940.00	7	SLV(E)	-17096.00	0.00	0.00	-972502.00					56.885
1551	0.00	9	SLV(E)	-395624.00	-13276.30	10672.90	-972502.00	-103944.00	83784.70	2-3	38.75	2.458
1552	60.00	9	SLV(E)	-396802.00	-13249.50	10651.40	-972502.00	-104126.00	83920.40	2-3	38.75	2.451
1553	120.00	9	SLV(E)	-395416.00	-12607.30	10135.00	-972502.00	-103912.00	83760.50	2-3	38.75	2.459
1554	180.00	9	SLV(E)	-391703.00	-11182.10	8989.32	-972502.00	-103335.00	83329.80	2-3	38.75	2.483
1555	240.00	9	SLV(E)	-385898.00	-9157.21	7361.52	-972502.00	-102411.00	82639.00	2-3	38.75	2.520
1556	300.00	9	SLV(E)	-378230.00	-6865.40	5519.13	-972502.00	-101175.00	81714.40	2-3	38.75	2.571
1557	360.00	9	SLV(E)	-368919.00	-4641.98	3731.71	-972502.00	-99656.40	80578.30	2-3	38.75	2.636
1558	420.00	9	SLV(E)	-358177.00	-2738.48	2201.48	-972502.00	-97944.50	79171.10	2-3	38.75	2.715
1559	480.00	9	SLV(E)	-346203.00	-1290.40	1037.36	-972502.00	-96050.50	77523.80	2-3	38.75	2.809
1560	540.00	9	SLV(E)	-333182.00	-322.12	258.95	-972502.00	-93957.40	75695.70	2-3	38.75	2.919
1561	600.00	9	SLV(E)	-319803.00	230.49	-185.29	-972502.00	91734.40	-73751.40	2-3	218.75	3.041
1562	660.00	9	SLV(E)	-306406.00	472.98	-380.23	-972502.00	89465.30	-71762.60	2-3	218.75	3.174
1563	720.00	9	SLV(E)	-293057.00	513.40	-412.73	-972502.00	87170.70	-69747.90	2-3	218.75	3.318
1564	780.00	9	SLV(E)	-279815.00	442.94	-356.08	-972502.00	84860.10	-67716.00	2-3	218.75	3.476
1565	840.00	9	SLV(E)	-266730.00	328.41	-264.01	-972502.00	82521.40	-65679.20	2-3	218.75	3.646
1566	900.00	9	SLV(E)	-253850.00	212.19	-170.58	-972502.00	80127.20	-63639.40	2-3	218.75	3.831
1567	960.00	9	SLV(E)	-241215.00	116.30	-93.49	-972502.00	77748.60	-61611.20	2-3	218.75	4.032
1568	1020.00	9	SLV(E)	-228861.00	48.24	-38.78	-972502.00	75388.20	-59597.60	2-3	218.75	4.249
1569	1080.00	9	SLV(E)	-216816.00	6.62	-5.32	-972502.00	72910.90	-57797.80	2-3	218.75	4.485
1570	1140.00	9	SLV(E)	-205107.00	-14.25	11.45	-972502.00	-70448.50	56016.10	2-3	38.75	4.741
1571	1200.00	9	SLV(E)	-193754.00	-21.10	16.96	-972502.00	-67999.20	54249.60	2-3	38.75	5.019
1572	1260.00	9	SLV(E)	-182774.00	-19.97	16.05	-972502.00	-65596.80	52522.60	2-3	38.75	5.321
1573	1320.00	9	SLV(E)	-172181.00	-15.32	12.31	-972502.00	-63250.20	50844.10	2-3	38.75	5.648
1574	1380.00	9	SLV(E)	-161982.00	-9.99	8.03	-972502.00	-60958.60	49209.20	2-3	38.75	6.004
1575	1440.00	9	SLV(E)	-152186.00	-5.46	4.39	-972502.00	-58741.60	47635.10	2-3	38.75	6.390
1576	1500.00	9	SLV(E)	-142793.00	-2.25	1.81	-972502.00	-56545.70	46075.90	2-3	38.75	6.811
1577	1560.00	9	SLV(E)	-133806.00	-0.33	0.27	-972502.00					7.268
1578	1620.00	9	SLV(E)	-125223.00	0.59	-0.47	-972502.00					7.766
1579	1680.00	9	SLV(E)	-117038.00	0.86	-0.69	-972502.00	50769.80	-41241.80	2-3	218.75	8.309
1580	1740.00	9	SLV(E)	-109247.00	0.79	-0.63	-972502.00	49004.60	-39736.80	2-3	218.75	8.902
1581	1800.00	9	SLV(E)	-101841.00	0.57	-0.46	-972502.00					9.549
1582	1860.00	9	SLV(E)	-94811.50	0.35	-0.28	-972502.00					10.257
1583	1920.00	9	SLV(E)	-88148.10	0.17	-0.14	-972502.00					11.033
1584	1980.00	9	SLV(E)	-81839.40	0.06	-0.04	-972502.00					11.883
1585	2040.00	9	SLV(E)	-75872.60	-0.01	0.01	-972502.00					12.818
1586	2100.00	9	SLV(E)	-70234.80	-0.03	0.03	-972502.00					13.847
1587	2160.00	9	SLV(E)	-64911.80	-0.03	0.03	-972502.00					14.982
1588	2220.00	9	SLV(E)	-59889.20	-0.03	0.02	-972502.00					16.238
1589	2280.00	9	SLV(E)	-55152.30	-0.02	0.01	-972502.00					17.633
1590	2340.00	9	SLV(E)	-50685.60	-0.01	0.01	-972502.00					19.187
1591	2400.00	9	SLV(E)	-46473.70	-0.00	0.00	-972502.00					20.926
1592	2460.00	9	SLV(E)	-42500.80	-0.00	0.00	-972502.00					22.882
1593	2520.00	9	SLV(E)	-38751.00	0.00	-0.00	-972502.00					25.096
1594	2580.00	9	SLV(E)	-35208.00	0.00	-0.00	-972502.00					27.622
1595	2640.00	9	SLV(E)	-31855.80	0.00	-0.00	-972502.00					30.528
1596	2700.00	9	SLV(E)	-28677.80	0.00	-0.00	-972502.00					33.911
1597	2760.00	9	SLV(E)	-25657.50	0.00	-0.00	-972502.00					37.903
1598	2820.00	9	SLV(E)	-22778.20	0.00	-0.00	-972502.00					42.694
1599	2880.00	9	SLV(E)	-20022.80	0.00	-0.00	-972502.00					48.570
1600	2940.00	9	SLV(E)	-17374.20	0.00	0.00	-972502.00					55.974
1601	0.00	11	SLV(E)	-406344.00	-13564.70	10282.10	-972502.00	-107355.00	82601.50	2-3	37.50	2.393

1602	60.00	11	SLV(E)	-407522.00	-13538.00	10261.90	-972502.00	-107537.00	82732.30	2-3	37.50	2.386
1603	120.00	11	SLV(E)	-406069.00	-12882.40	9764.88	-972502.00	-107312.00	82570.50	2-3	37.50	2.395
1604	180.00	11	SLV(E)	-402230.00	-11426.50	8661.34	-972502.00	-106721.00	82143.80	2-3	37.50	2.418
1605	240.00	11	SLV(E)	-396246.00	-9357.71	7093.18	-972502.00	-105788.00	81471.50	2-3	37.50	2.454
1606	300.00	11	SLV(E)	-388351.00	-7015.97	5318.13	-972502.00	-104535.00	80567.00	2-3	37.50	2.504
1607	360.00	11	SLV(E)	-378772.00	-4743.98	3595.96	-972502.00	-102978.00	79443.10	2-3	37.50	2.568
1608	420.00	11	SLV(E)	-367725.00	-2798.82	2121.52	-972502.00	-101994.00	76971.20	2-3	36.88	2.645
1609	480.00	11	SLV(E)	-355416.00	-1318.99	999.80	-972502.00	-99916.10	75498.20	2-3	36.88	2.736
1610	540.00	11	SLV(E)	-342035.00	-329.43	249.71	-972502.00	-97684.80	73778.20	2-3	36.88	2.843
1611	600.00	11	SLV(E)	-328286.00	235.37	-178.41	-972502.00	94654.50	-72926.20	2-3	217.50	2.962
1612	660.00	11	SLV(E)	-314522.00	483.23	-366.29	-972502.00	92310.70	-70949.70	2-3	217.50	3.092
1613	720.00	11	SLV(E)	-300807.00	524.60	-397.65	-972502.00	89939.50	-68945.10	2-3	217.50	3.233
1614	780.00	11	SLV(E)	-287202.00	452.63	-343.09	-972502.00	87550.90	-66921.50	2-3	217.50	3.386
1615	840.00	11	SLV(E)	-273761.00	335.61	-254.39	-972502.00	85157.30	-64889.70	2-3	217.50	3.552
1616	900.00	11	SLV(E)	-260531.00	216.85	-164.37	-972502.00	82722.40	-62822.10	2-3	217.50	3.733
1617	960.00	11	SLV(E)	-247553.00	118.86	-90.10	-972502.00	80281.50	-60768.50	2-3	217.50	3.928
1618	1020.00	11	SLV(E)	-234863.00	49.31	-37.38	-972502.00	77807.80	-58803.60	2-3	217.50	4.141
1619	1080.00	11	SLV(E)	-222493.00	6.77	-5.13	-972502.00	75255.30	-57008.10	2-3	217.50	4.371
1620	1140.00	11	SLV(E)	-210467.00	-14.55	11.03	-972502.00	-72737.60	55243.40	2-3	37.50	4.621
1621	1200.00	11	SLV(E)	-198808.00	-21.56	16.34	-972502.00	-70209.90	53476.10	2-3	37.50	4.892
1622	1260.00	11	SLV(E)	-187533.00	-20.40	15.47	-972502.00	-67737.00	51754.40	2-3	37.50	5.186
1623	1320.00	11	SLV(E)	-176655.00	-15.65	11.86	-972502.00	-65313.20	50071.80	2-3	37.50	5.505
1624	1380.00	11	SLV(E)	-166183.00	-10.21	7.74	-972502.00	-62955.50	48443.40	2-3	37.50	5.852
1625	1440.00	11	SLV(E)	-156124.00	-5.58	4.23	-972502.00	-61164.70	46159.20	2-3	36.88	6.229
1626	1500.00	11	SLV(E)	-146480.00	-2.30	1.74	-972502.00	-58910.10	44637.10	2-3	36.88	6.639
1627	1560.00	11	SLV(E)	-137253.00	-0.34	0.26	-972502.00					7.085
1628	1620.00	11	SLV(E)	-128440.00	0.60	-0.46	-972502.00					7.572
1629	1680.00	11	SLV(E)	-120037.00	0.88	-0.67	-972502.00	53029.60	-39599.40	2-3	216.25	8.102
1630	1740.00	11	SLV(E)	-112038.00	0.80	-0.61	-972502.00	51168.30	-38126.30	2-3	216.25	8.680
1631	1800.00	11	SLV(E)	-104435.00	0.59	-0.44	-972502.00					9.312
1632	1860.00	11	SLV(E)	-97219.30	0.36	-0.27	-972502.00					10.003
1633	1920.00	11	SLV(E)	-90379.00	0.18	-0.13	-972502.00					10.760
1634	1980.00	11	SLV(E)	-83902.80	0.06	-0.04	-972502.00					11.591
1635	2040.00	11	SLV(E)	-77777.80	-0.01	0.01	-972502.00					12.504
1636	2100.00	11	SLV(E)	-71990.40	-0.03	0.02	-972502.00					13.509
1637	2160.00	11	SLV(E)	-66526.40	-0.03	0.03	-972502.00					14.618
1638	2220.00	11	SLV(E)	-61370.70	-0.03	0.02	-972502.00					15.846
1639	2280.00	11	SLV(E)	-56508.20	-0.02	0.01	-972502.00					17.210
1640	2340.00	11	SLV(E)	-51923.00	-0.01	0.01	-972502.00					18.730
1641	2400.00	11	SLV(E)	-47599.30	-0.00	0.00	-972502.00					20.431
1642	2460.00	11	SLV(E)	-43520.70	-0.00	0.00	-972502.00					22.346
1643	2520.00	11	SLV(E)	-39670.90	0.00	-0.00	-972502.00					24.514
1644	2580.00	11	SLV(E)	-36033.40	0.00	-0.00	-972502.00					26.989
1645	2640.00	11	SLV(E)	-32591.20	0.00	-0.00	-972502.00					29.839
1646	2700.00	11	SLV(E)	-29327.70	0.00	-0.00	-972502.00					33.160
1647	2760.00	11	SLV(E)	-26225.70	0.00	-0.00	-972502.00					37.082
1648	2820.00	11	SLV(E)	-23268.00	0.00	-0.00	-972502.00					41.796
1649	2880.00	11	SLV(E)	-20437.20	0.00	-0.00	-972502.00					47.585
1650	2940.00	11	SLV(E)	-17715.30	0.00	0.00	-972502.00					54.896
1651	0.00	13	SLV(E)	-346444.00	-13955.00	9712.12	-972502.00	-100755.00	70978.20	2-3	35.00	2.807
1652	60.00	13	SLV(E)	-347622.00	-13910.60	9681.22	-972502.00	-100961.00	71116.30	2-3	35.00	2.798
1653	120.00	13	SLV(E)	-346539.00	-13223.10	9202.75	-972502.00	-100771.00	70988.70	2-3	35.00	2.806
1654	180.00	13	SLV(E)	-343404.00	-11718.40	8155.55	-972502.00	-100222.00	70621.10	2-3	35.00	2.832
1655	240.00	13	SLV(E)	-338423.00	-9589.10	6673.62	-972502.00	-99341.50	70031.70	2-3	35.00	2.874
1656	300.00	13	SLV(E)	-331796.00	-7183.64	4999.52	-972502.00	-98177.10	69207.50	2-3	35.00	2.931
1657	360.00	13	SLV(E)	-323717.00	-4852.76	3377.32	-972502.00	-96771.20	68112.30	2-3	35.00	3.004
1658	420.00	13	SLV(E)	-314371.00	-2859.13	1989.84	-972502.00	-95128.60	66830.60	2-3	35.00	3.093
1659	480.00	13	SLV(E)	-303934.00	-1343.82	935.24	-972502.00	-93271.70	65377.30	2-3	35.00	3.200
1660	540.00	13	SLV(E)	-292568.00	-331.60	230.78	-972502.00	-91225.80	63772.00	2-3	35.00	3.324
1661	600.00	13	SLV(E)	-280880.00	245.25	-170.68	-972502.00	89099.70	-62095.00	2-3	215.00	3.462
1662	660.00	13	SLV(E)	-269172.00	497.59	-346.30	-972502.00	86928.40	-60378.60	2-3	215.00	3.613
1663	720.00	13	SLV(E)	-257502.00	538.73	-374.93	-972502.00	84708.00	-58617.50	2-3	215.00	3.777
1664	780.00	13	SLV(E)	-245920.00	464.15	-323.03	-972502.00	82357.70	-57002.50	2-3	215.00	3.955
1665	840.00	13	SLV(E)	-234472.00	343.77	-239.25	-972502.00	80001.10	-55405.50	2-3	215.00	4.148
1666	900.00	13	SLV(E)	-223200.00	221.87	-154.41	-972502.00	77652.90	-53815.90	2-3	215.00	4.357
1667	960.00	13	SLV(E)	-212140.00	121.43	-84.51	-972502.00	75301.30	-52251.70	2-3	215.00	4.584
1668	1020.00	13	SLV(E)	-201321.00	50.21	-34.95	-972502.00	72923.30	-50696.90	2-3	215.00	4.831
1669	1080.00	13	SLV(E)	-190771.00	6.71	-4.67	-972502.00	70566.80	-49159.10	2-3	215.00	5.098
1670	1140.00	13	SLV(E)	-180513.00	-15.05	10.48	-972502.00	-68252.20	47654.80	2-3	35.00	5.387
1671	1200.00	13	SLV(E)	-170564.00	-22.17	15.43	-972502.00	-65977.60	46180.20	2-3	35.00	5.702
1672	1260.00	13	SLV(E)	-160940.00	-20.94	14.57	-972502.00	-63754.50	44745.80	2-3	35.00	6.043
1673	1320.00	13	SLV(E)	-151653.00	-16.04	11.16	-972502.00	-61584.60	43350.90	2-3	35.00	6.413
1674	1380.00	13	SLV(E)	-142710.00	-10.45	7.27	-972502.00	-59425.70	41965.20	2-3	35.00	6.815
1675	1440.00	13	SLV(E)	-134118.00	-5.70	3.97	-972502.00	-57331.20	40627.40	2-3	35.00	7.251
1676	1500.00	13	SLV(E)	-125879.00	-2.34	1.63	-972502.00	-55733.20	38671.90	2-3	34.38	7.726
1677	1560.00	13	SLV(E)	-117994.00	-0.34	0.24	-972502.00					8.242
1678	1620.00	13	SLV(E)	-110461.00	0.62	-0.43	-972502.00					8.804
1679	1680.00	13	SLV(E)	-103278.00	0.90	-0.63	-972502.00	50201.30	-34892.50	2-3	214.38	9.416
1680	1740.00	13	SLV(E)	-96438.50	0.82	-0.57	-972502.00	48220.70	-34164.80	2-3	215.00	10.084
1681	1800.00	13	SLV(E)	-89936.60	0.60	-0.42	-972502.00					10.813
1682	1860.00	13	SLV(E)	-83764.50	0.36	-0.25	-972502.00					11.610
1683	1920.00	13	SLV(E)	-77913.10	0.18	-0.12	-972502.00					12.482
1684	1980.00	13	SLV(E)	-72372.40	0.06	-0.04	-972502.00					13.438
1685	2040.00	13	SLV(E)	-67131.80	-0.01	0.00	-972502.00					14.486

1686	2100.00	13	SLV(E)	-62179.70	-0.03	0.02	-972502.00							15.640
1687	2160.00	13	SLV(E)	-57504.00	-0.04	0.02	-972502.00							16.912
1688	2220.00	13	SLV(E)	-53092.20	-0.03	0.02	-972502.00							18.317
1689	2280.00	13	SLV(E)	-48931.50	-0.02	0.01	-972502.00							19.875
1690	2340.00	13	SLV(E)	-45008.40	-0.01	0.01	-972502.00							21.607
1691	2400.00	13	SLV(E)	-41309.70	-0.00	0.00	-972502.00							23.542
1692	2460.00	13	SLV(E)	-37821.50	-0.00	0.00	-972502.00							25.713
1693	2520.00	13	SLV(E)	-34530.10	0.00	-0.00	-972502.00							28.164
1694	2580.00	13	SLV(E)	-31421.40	0.00	-0.00	-972502.00							30.950
1695	2640.00	13	SLV(E)	-28481.40	0.00	-0.00	-972502.00							34.145
1696	2700.00	13	SLV(E)	-25695.90	0.00	-0.00	-972502.00							37.847
1697	2760.00	13	SLV(E)	-23050.40	0.00	-0.00	-972502.00							42.190
1698	2820.00	13	SLV(E)	-20530.70	0.00	-0.00	-972502.00							47.368
1699	2880.00	13	SLV(E)	-18121.90	0.00	-0.00	-972502.00							53.665
1700	2940.00	13	SLV(E)	-15809.10	0.00	0.00	-972502.00							61.515
1701	0.00	15	SLV(E)	-357163.00	-14243.40	9321.31	-972502.00	-104932.00	68684.00	2-3	33.13			2.723
1702	60.00	15	SLV(E)	-358341.00	-14203.50	9295.20	-972502.00	-105138.00	68814.90	2-3	33.13			2.714
1703	120.00	15	SLV(E)	-357192.00	-13505.90	8838.71	-972502.00	-104937.00	68687.30	2-3	33.13			2.723
1704	180.00	15	SLV(E)	-353932.00	-11972.40	7835.09	-972502.00	-104365.00	68324.60	2-3	33.13			2.748
1705	240.00	15	SLV(E)	-348771.00	-9799.37	6413.01	-972502.00	-103451.00	67746.40	2-3	33.13			2.788
1706	300.00	15	SLV(E)	-341917.00	-7343.03	4805.50	-972502.00	-102228.00	66973.40	2-3	33.13			2.844
1707	360.00	15	SLV(E)	-333570.00	-4961.92	3247.23	-972502.00	-100720.00	66020.80	2-3	33.13			2.915
1708	420.00	15	SLV(E)	-323919.00	-2924.69	1914.00	-972502.00	-98924.40	64887.50	2-3	33.13			3.002
1709	480.00	15	SLV(E)	-313147.00	-1375.79	900.36	-972502.00	-96951.30	63522.30	2-3	33.13			3.106
1710	540.00	15	SLV(E)	-301420.00	-340.79	223.02	-972502.00	-94820.60	61946.20	2-3	33.13			3.226
1711	600.00	15	SLV(E)	-289364.00	249.32	-163.16	-972502.00	91950.80	-61311.10	2-3	213.75			3.361
1712	660.00	15	SLV(E)	-277288.00	507.73	-332.27	-972502.00	89712.00	-59609.00	2-3	213.75			3.507
1713	720.00	15	SLV(E)	-265251.00	550.17	-360.05	-972502.00	87420.90	-57875.30	2-3	213.75			3.666
1714	780.00	15	SLV(E)	-253308.00	474.22	-310.35	-972502.00	84980.20	-56282.80	2-3	213.75			3.839
1715	840.00	15	SLV(E)	-241503.00	351.36	-229.94	-972502.00	82543.10	-54692.10	2-3	213.75			4.027
1716	900.00	15	SLV(E)	-229881.00	226.84	-148.45	-972502.00	80111.80	-53105.20	2-3	213.75			4.230
1717	960.00	15	SLV(E)	-221847.00	124.21	-81.29	-972502.00	77693.60	-51527.30	2-3	213.75			4.451
1718	1020.00	15	SLV(E)	-207323.00	51.42	-33.65	-972502.00	75281.90	-49954.80	2-3	213.75			4.691
1719	1080.00	15	SLV(E)	-196448.00	6.93	-4.53	-972502.00	72859.40	-48400.00	2-3	213.75			4.950
1720	1140.00	15	SLV(E)	-185873.00	-15.34	10.04	-972502.00	-70466.90	46893.80	2-3	33.75			5.232
1721	1200.00	15	SLV(E)	-175619.00	-22.63	14.81	-972502.00	-68112.60	45416.40	2-3	33.75			5.538
1722	1260.00	15	SLV(E)	-165699.00	-21.39	14.00	-972502.00	-66290.20	43237.00	2-3	33.13			5.869
1723	1320.00	15	SLV(E)	-156127.00	-16.39	10.73	-972502.00	-64035.90	41857.50	2-3	33.13			6.229
1724	1380.00	15	SLV(E)	-146911.00	-10.68	6.99	-972502.00	-61811.90	40503.30	2-3	33.13			6.620
1725	1440.00	15	SLV(E)	-138056.00	-5.83	3.82	-972502.00	-59630.90	39180.60	2-3	33.13			7.044
1726	1500.00	15	SLV(E)	-129566.00	-2.40	1.57	-972502.00	-57936.40	37226.30	2-3	32.50			7.506
1727	1560.00	15	SLV(E)	-121440.00	-0.35	0.23	-972502.00							8.008
1728	1620.00	15	SLV(E)	-113679.00	0.63	-0.41	-972502.00							8.555
1729	1680.00	15	SLV(E)	-106277.00	0.92	-0.60	-972502.00	52063.60	-33650.10	2-3	212.50			9.151
1730	1740.00	15	SLV(E)	-99230.10	0.84	-0.55	-972502.00	50295.50	-32495.10	2-3	212.50			9.800
1731	1800.00	15	SLV(E)	-92531.30	0.61	-0.40	-972502.00							10.510
1732	1860.00	15	SLV(E)	-86172.30	0.37	-0.24	-972502.00							11.286
1733	1920.00	15	SLV(E)	-80143.90	0.18	-0.12	-972502.00							12.134
1734	1980.00	15	SLV(E)	-74435.90	0.06	-0.04	-972502.00							13.065
1735	2040.00	15	SLV(E)	-69037.00	-0.01	0.00	-972502.00							14.087
1736	2100.00	15	SLV(E)	-63935.30	-0.03	0.02	-972502.00							15.211
1737	2160.00	15	SLV(E)	-59118.60	-0.04	0.02	-972502.00							16.450
1738	2220.00	15	SLV(E)	-54573.70	-0.03	0.02	-972502.00							17.820
1739	2280.00	15	SLV(E)	-50287.40	-0.02	0.01	-972502.00							19.339
1740	2340.00	15	SLV(E)	-46245.80	-0.01	0.01	-972502.00							21.029
1741	2400.00	15	SLV(E)	-42435.30	-0.00	0.00	-972502.00							22.917
1742	2460.00	15	SLV(E)	-38841.40	-0.00	0.00	-972502.00							25.038
1743	2520.00	15	SLV(E)	-35450.10	0.00	-0.00	-972502.00							27.433
1744	2580.00	15	SLV(E)	-32246.80	0.00	-0.00	-972502.00							30.158
1745	2640.00	15	SLV(E)	-29216.90	0.00	-0.00	-972502.00							33.286
1746	2700.00	15	SLV(E)	-26345.80	0.00	-0.00	-972502.00							36.913
1747	2760.00	15	SLV(E)	-23618.70	0.00	-0.00	-972502.00							41.175
1748	2820.00	15	SLV(E)	-21020.50	0.00	-0.00	-972502.00							46.264
1749	2880.00	15	SLV(E)	-18536.20	0.00	-0.00	-972502.00							52.465
1750	2940.00	15	SLV(E)	-16150.20	0.00	0.00	-972502.00							60.216
1801	0.00	1	SLV(E)	-350304.00	-4687.60	16351.30	-972502.00	-34894.00	119829.00	2-3	73.75			2.776
1802	60.00	1	SLV(E)	-351482.00	-4673.49	16302.10	-972502.00	-34962.30	120069.00	2-3	73.75			2.767
1803	120.00	1	SLV(E)	-350376.00	-4443.18	15498.70	-972502.00	-34898.00	119843.00	2-3	73.75			2.776
1804	180.00	1	SLV(E)	-347196.00	-3938.07	13736.80	-972502.00	-34714.00	119198.00	2-3	73.75			2.801
1805	240.00	1	SLV(E)	-342150.00	-3222.86	11242.00	-972502.00	-34419.80	118164.00	2-3	73.75			2.842
1806	300.00	1	SLV(E)	-335441.00	-2414.67	8422.84	-972502.00	-34028.80	116787.00	2-3	73.75			2.899
1807	360.00	1	SLV(E)	-327266.00	-1631.40	5690.65	-972502.00	-33548.50	115094.00	2-3	73.75			2.972
1808	420.00	1	SLV(E)	-317810.00	-961.37	3353.44	-972502.00	-32972.80	113063.00	2-3	73.75			3.060
1809	480.00	1	SLV(E)	-307252.00	-452.02	1576.75	-972502.00	-32317.60	110752.00	2-3	73.75			3.165
1810	540.00	1	SLV(E)	-295756.00	-111.73	389.75	-972502.00	-31597.00	108212.00	2-3	73.75			3.288
1811	600.00	1	SLV(E)	-283935.00	82.23	-286.85	-972502.00	30847.50	-105574.00	2-3	253.75			3.425
1812	660.00	1	SLV(E)	-272095.00	167.12	-582.95	-972502.00	30087.20	-102903.00	2-3	253.75			3.574
1813	720.00	1	SLV(E)	-260293.00	181.01	-631.39	-972502.00	29310.00	-100176.00	2-3	253.75			3.736
1814	780.00	1	SLV(E)	-248581.00	155.98	-544.10	-972502.00	28511.90	-97380.30	2-3	253.75			3.912
1815	840.00	1	SLV(E)	-237005.00	115.55	-403.05	-972502.00	27715.60	-94591.90	2-3	253.75			4.103
1816	900.00	1	SLV(E)	-225606.00	74.59	-260.17	-972502.00	26924.50	-91822.20	2-3	253.75			4.311
1817	960.00	1	SLV(E)	-214422.00	40.83	-142.42	-972502.00	26142.00	-89081.90	2-3	253.75			4.535
1818	1020.00	1	SLV(E)	-203483.00	16.89	-58.92	-972502.00	25364.90	-86359.70	2-3	253.75			4.779
1819	1080.00	1	SLV(E)	-192816.00	2.27	-7.90	-972502.00	24577.30	-83600.30	2-3	253.75			5.044

1820	1140.00	1	SLV(E)	-182443.00	-5.05	17.63	-972502.00	-23633.40	80946.80	2-3	73.75	5.330
1821	1200.00	1	SLV(E)	-172384.00	-7.45	25.98	-972502.00	-22672.20	78358.80	2-3	73.75	5.641
1822	1260.00	1	SLV(E)	-162654.00	-7.04	24.54	-972502.00	-21930.10	75782.20	2-3	73.75	5.979
1823	1320.00	1	SLV(E)	-153264.00	-5.39	18.80	-972502.00	-21212.60	73285.00	2-3	73.75	6.345
1824	1380.00	1	SLV(E)	-144223.00	-3.51	12.25	-972502.00	-20508.50	70826.80	2-3	73.75	6.743
1825	1440.00	1	SLV(E)	-135536.00	-1.92	6.69	-972502.00	-19813.10	68390.90	2-3	73.75	7.175
1826	1500.00	1	SLV(E)	-127207.00	-0.79	2.75	-972502.00	-19141.10	66028.10	2-3	73.75	7.645
1827	1560.00	1	SLV(E)	-119235.00	-0.11	0.40	-972502.00					8.156
1828	1620.00	1	SLV(E)	-111620.00	0.21	-0.73	-972502.00					8.713
1829	1680.00	1	SLV(E)	-104358.00	0.30	-1.06	-972502.00	17288.50	-59487.50	2-3	253.75	9.319
1830	1740.00	1	SLV(E)	-97443.90	0.28	-0.96	-972502.00	16722.70	-57491.20	2-3	253.75	9.980
1831	1800.00	1	SLV(E)	-90871.10	0.20	-0.70	-972502.00					10.702
1832	1860.00	1	SLV(E)	-84631.70	0.12	-0.43	-972502.00					11.491
1833	1920.00	1	SLV(E)	-78716.50	0.06	-0.21	-972502.00					12.354
1834	1980.00	1	SLV(E)	-73115.60	0.02	-0.07	-972502.00					13.301
1835	2040.00	1	SLV(E)	-67817.90	-0.00	0.01	-972502.00					14.340
1836	2100.00	1	SLV(E)	-62812.00	-0.01	0.04	-972502.00					15.483
1837	2160.00	1	SLV(E)	-58085.50	-0.01	0.04	-972502.00					16.743
1838	2220.00	1	SLV(E)	-53625.80	-0.01	0.03	-972502.00					18.135
1839	2280.00	1	SLV(E)	-49419.80	-0.01	0.02	-972502.00					19.678
1840	2340.00	1	SLV(E)	-45454.10	-0.00	0.01	-972502.00					21.395
1841	2400.00	1	SLV(E)	-41715.10	-0.00	0.00	-972502.00					23.313
1842	2460.00	1	SLV(E)	-38188.80	-0.00	0.00	-972502.00					25.466
1843	2520.00	1	SLV(E)	-34861.40	0.00	-0.00	-972502.00					27.896
1844	2580.00	1	SLV(E)	-31718.70	0.00	-0.00	-972502.00					30.660
1845	2640.00	1	SLV(E)	-28746.30	0.00	-0.00	-972502.00					33.831
1846	2700.00	1	SLV(E)	-25929.90	0.00	-0.00	-972502.00					37.505
1847	2760.00	1	SLV(E)	-23255.10	0.00	-0.00	-972502.00					41.819
1848	2820.00	1	SLV(E)	-20707.10	0.00	-0.00	-972502.00					46.965
1849	2880.00	1	SLV(E)	-18271.10	0.00	-0.00	-972502.00					53.226
1850	2940.00	1	SLV(E)	-15932.00	0.00	0.00	-972502.00					61.041
1851	0.00	3	SLV(E)	-344668.00	-5230.07	16173.20	-972502.00	-37056.00	117775.00	2-3	72.50	2.822
1852	60.00	3	SLV(E)	-345847.00	-5213.08	16120.70	-972502.00	-37125.20	118017.00	2-3	72.50	2.812
1853	120.00	3	SLV(E)	-344775.00	-4955.16	15323.10	-972502.00	-37062.40	117798.00	2-3	72.50	2.821
1854	180.00	3	SLV(E)	-341661.00	-4391.09	13578.80	-972502.00	-36880.00	117161.00	2-3	72.50	2.846
1855	240.00	3	SLV(E)	-336710.00	-3593.03	11110.90	-972502.00	-36589.20	116144.00	2-3	72.50	2.888
1856	300.00	3	SLV(E)	-330120.00	-2691.59	8323.33	-972502.00	-36193.90	114788.00	2-3	72.50	2.946
1857	360.00	3	SLV(E)	-322086.00	-1818.15	5622.37	-972502.00	-35679.40	113090.00	2-3	72.50	3.019
1858	420.00	3	SLV(E)	-312790.00	-1071.13	3312.32	-972502.00	-35075.10	111095.00	2-3	72.50	3.109
1859	480.00	3	SLV(E)	-302408.00	-503.37	1556.59	-972502.00	-34387.80	108825.00	2-3	72.50	3.216
1860	540.00	3	SLV(E)	-291102.00	-124.13	383.84	-972502.00	-33632.80	106331.00	2-3	72.50	3.341
1861	600.00	3	SLV(E)	-279475.00	91.98	-284.43	-972502.00	32847.80	-103736.00	2-3	252.50	3.480
1862	660.00	3	SLV(E)	-267828.00	186.50	-576.71	-972502.00	32056.00	-101116.00	2-3	252.50	3.631
1863	720.00	3	SLV(E)	-256218.00	201.88	-624.30	-972502.00	31234.40	-98399.50	2-3	252.50	3.796
1864	780.00	3	SLV(E)	-244696.00	173.93	-537.84	-972502.00	30407.60	-95662.20	2-3	252.50	3.974
1865	840.00	3	SLV(E)	-233308.00	128.81	-398.32	-972502.00	29580.80	-92923.40	2-3	252.50	4.168
1866	900.00	3	SLV(E)	-222094.00	83.13	-257.06	-972502.00	28760.90	-90202.40	2-3	252.50	4.379
1867	960.00	3	SLV(E)	-211090.00	45.49	-140.68	-972502.00	27951.70	-87513.60	2-3	252.50	4.607
1868	1020.00	3	SLV(E)	-200327.00	18.81	-58.16	-972502.00	27137.50	-84805.70	2-3	252.50	4.855
1869	1080.00	3	SLV(E)	-189831.00	2.51	-7.76	-972502.00	26120.00	-82176.40	2-3	252.50	5.123
1870	1140.00	3	SLV(E)	-179625.00	-5.64	17.45	-972502.00	-25102.80	79584.10	2-3	72.50	5.414
1871	1200.00	3	SLV(E)	-169727.00	-8.31	25.69	-972502.00	-24948.30	76727.40	2-3	71.88	5.730
1872	1260.00	3	SLV(E)	-160152.00	-7.85	24.26	-972502.00	-23957.90	74278.60	2-3	71.88	6.072
1873	1320.00	3	SLV(E)	-150912.00	-6.01	18.58	-972502.00	-23185.90	71831.30	2-3	71.88	6.444
1874	1380.00	3	SLV(E)	-142015.00	-3.91	12.10	-972502.00	-22421.10	69404.80	2-3	71.88	6.848
1875	1440.00	3	SLV(E)	-133466.00	-2.14	6.60	-972502.00	-21675.40	67035.40	2-3	71.88	7.287
1876	1500.00	3	SLV(E)	-125268.00	-0.88	2.72	-972502.00	-20950.20	64726.90	2-3	71.88	7.763
1877	1560.00	3	SLV(E)	-117423.00	-0.13	0.39	-972502.00					8.282
1878	1620.00	3	SLV(E)	-109928.00	0.23	-0.72	-972502.00					8.847
1879	1680.00	3	SLV(E)	-102781.00	0.34	-1.05	-972502.00	18950.10	-58335.50	2-3	251.88	9.462
1880	1740.00	3	SLV(E)	-95976.20	0.31	-0.95	-972502.00	18342.10	-56382.80	2-3	251.88	10.133
1881	1800.00	3	SLV(E)	-89507.00	0.22	-0.69	-972502.00					10.865
1882	1860.00	3	SLV(E)	-83365.80	0.14	-0.42	-972502.00					11.665
1883	1920.00	3	SLV(E)	-77543.70	0.07	-0.21	-972502.00					12.541
1884	1980.00	3	SLV(E)	-72030.80	0.02	-0.07	-972502.00					13.501
1885	2040.00	3	SLV(E)	-66816.30	-0.00	0.01	-972502.00					14.555
1886	2100.00	3	SLV(E)	-61888.90	-0.01	0.04	-972502.00					15.714
1887	2160.00	3	SLV(E)	-57236.60	-0.01	0.04	-972502.00					16.991
1888	2220.00	3	SLV(E)	-52846.90	-0.01	0.03	-972502.00					18.402
1889	2280.00	3	SLV(E)	-48706.90	-0.01	0.02	-972502.00					19.966
1890	2340.00	3	SLV(E)	-44803.50	-0.00	0.01	-972502.00					21.706
1891	2400.00	3	SLV(E)	-41123.30	-0.00	0.00	-972502.00					23.648
1892	2460.00	3	SLV(E)	-37652.60	-0.00	0.00	-972502.00					25.828
1893	2520.00	3	SLV(E)	-34377.80	0.00	-0.00	-972502.00					28.289
1894	2580.00	3	SLV(E)	-31284.80	0.00	-0.00	-972502.00					31.085
1895	2640.00	3	SLV(E)	-28359.60	0.00	-0.00	-972502.00					34.292
1896	2700.00	3	SLV(E)	-25588.20	0.00	-0.00	-972502.00					38.006
1897	2760.00	3	SLV(E)	-22956.30	0.00	-0.00	-972502.00					42.363
1898	2820.00	3	SLV(E)	-20449.50	0.00	-0.00	-972502.00					47.556
1899	2880.00	3	SLV(E)	-18053.20	0.00	-0.00	-972502.00					53.869
1900	2940.00	3	SLV(E)	-15752.60	0.00	0.00	-972502.00					61.736
1901	0.00	5	SLV(E)	-408119.00	-5281.53	16178.10	-972502.00	-42182.20	129514.00	2-3	71.88	2.383
1902	60.00	5	SLV(E)	-409297.00	-5271.13	16146.30	-972502.00	-42261.50	129724.00	2-3	71.88	2.376
1903	120.00	5	SLV(E)	-407834.00	-5015.83	15364.30	-972502.00	-42163.30	129464.00	2-3	71.88	2.385

1904	180.00	5	SLV(E)	-403980.00	-4448.98	13627.90	-972502.00	-41903.90	128777.00	2-3	71.88	2.407
1905	240.00	5	SLV(E)	-397966.00	-3643.48	11160.50	-972502.00	-41495.80	127695.00	2-3	71.88	2.444
1906	300.00	5	SLV(E)	-390034.00	-2731.70	8367.63	-972502.00	-40952.50	126258.00	2-3	71.88	2.493
1907	360.00	5	SLV(E)	-380410.00	-1847.09	5657.93	-972502.00	-40396.90	124420.00	2-3	71.88	2.556
1908	420.00	5	SLV(E)	-369313.00	-1089.73	3338.01	-972502.00	-39751.90	122255.00	2-3	71.88	2.633
1909	480.00	5	SLV(E)	-356948.00	-513.55	1573.08	-972502.00	-39018.80	119790.00	2-3	71.88	2.724
1910	540.00	5	SLV(E)	-343507.00	-128.26	392.88	-972502.00	-38210.90	117068.00	2-3	71.88	2.831
1911	600.00	5	SLV(E)	-329697.00	91.64	-280.72	-972502.00	37372.60	-114235.00	2-3	251.88	2.950
1912	660.00	5	SLV(E)	-315871.00	188.15	-576.33	-972502.00	36479.20	-111291.00	2-3	251.88	3.079
1913	720.00	5	SLV(E)	-302096.00	204.26	-625.67	-972502.00	35545.90	-108306.00	2-3	251.88	3.219
1914	780.00	5	SLV(E)	-288431.00	176.23	-539.83	-972502.00	34605.80	-105293.00	2-3	251.88	3.372
1915	840.00	5	SLV(E)	-274931.00	130.67	-400.27	-972502.00	33669.00	-102285.00	2-3	251.88	3.537
1916	900.00	5	SLV(E)	-261642.00	84.43	-258.62	-972502.00	31620.10	-99674.70	2-3	252.50	3.717
1917	960.00	5	SLV(E)	-248607.00	46.28	-141.76	-972502.00	30689.40	-96595.80	2-3	252.50	3.912
1918	1020.00	5	SLV(E)	-235861.00	19.20	-58.81	-972502.00	29767.40	-93541.30	2-3	252.50	4.123
1919	1080.00	5	SLV(E)	-223437.00	2.64	-8.07	-972502.00	28859.40	-90529.60	2-3	252.50	4.352
1920	1140.00	5	SLV(E)	-211359.00	-5.67	17.35	-972502.00	-27970.80	87577.00	2-3	72.50	4.601
1921	1200.00	5	SLV(E)	-199649.00	-8.39	25.71	-972502.00	-27077.60	84634.60	2-3	72.50	4.871
1922	1260.00	5	SLV(E)	-188325.00	-7.94	24.33	-972502.00	-25971.30	81794.70	2-3	72.50	5.164
1923	1320.00	5	SLV(E)	-177399.00	-6.09	18.67	-972502.00	-25739.00	78680.80	2-3	71.88	5.482
1924	1380.00	5	SLV(E)	-166881.00	-3.97	12.17	-972502.00	-24654.90	76005.30	2-3	71.88	5.827
1925	1440.00	5	SLV(E)	-156778.00	-2.17	6.65	-972502.00	-24411.80	73097.60	2-3	71.25	6.203
1926	1500.00	5	SLV(E)	-147093.00	-0.90	2.74	-972502.00	-23569.30	70523.30	2-3	71.25	6.611
1927	1560.00	5	SLV(E)	-137826.00	-0.13	0.41	-972502.00					7.056
1928	1620.00	5	SLV(E)	-128975.00	0.23	-0.72	-972502.00					7.540
1929	1680.00	5	SLV(E)	-120536.00	0.34	-1.05	-972502.00	21173.20	-63139.60	2-3	251.25	8.068
1930	1740.00	5	SLV(E)	-112502.00	0.31	-0.96	-972502.00	20438.00	-60866.10	2-3	251.25	8.644
1931	1800.00	5	SLV(E)	-104867.00	0.23	-0.70	-972502.00					9.274
1932	1860.00	5	SLV(E)	-97619.70	0.14	-0.43	-972502.00					9.962
1933	1920.00	5	SLV(E)	-90750.00	0.07	-0.21	-972502.00					10.716
1934	1980.00	5	SLV(E)	-84245.90	0.02	-0.07	-972502.00					11.544
1935	2040.00	5	SLV(E)	-78094.60	-0.00	0.01	-972502.00					12.453
1936	2100.00	5	SLV(E)	-72282.40	-0.01	0.04	-972502.00					13.454
1937	2160.00	5	SLV(E)	-66794.90	-0.01	0.04	-972502.00					14.559
1938	2220.00	5	SLV(E)	-61617.10	-0.01	0.03	-972502.00					15.783
1939	2280.00	5	SLV(E)	-56733.60	-0.01	0.02	-972502.00					17.142
1940	2340.00	5	SLV(E)	-52128.80	-0.00	0.01	-972502.00					18.656
1941	2400.00	5	SLV(E)	-47786.40	-0.00	0.00	-972502.00					20.351
1942	2460.00	5	SLV(E)	-43690.30	-0.00	0.00	-972502.00					22.259
1943	2520.00	5	SLV(E)	-39823.90	0.00	-0.00	-972502.00					24.420
1944	2580.00	5	SLV(E)	-36170.60	0.00	-0.00	-972502.00					26.887
1945	2640.00	5	SLV(E)	-32713.60	0.00	-0.00	-972502.00					29.728
1946	2700.00	5	SLV(E)	-29435.80	0.00	-0.00	-972502.00					33.038
1947	2760.00	5	SLV(E)	-26320.20	0.00	-0.00	-972502.00					36.949
1948	2820.00	5	SLV(E)	-23349.50	0.00	-0.00	-972502.00					41.650
1949	2880.00	5	SLV(E)	-20506.10	0.00	-0.00	-972502.00					47.425
1950	2940.00	5	SLV(E)	-17772.00	0.00	0.00	-972502.00					54.721
1951	0.00	7	SLV(E)	-402484.00	-5824.00	16000.10	-972502.00	-45937.40	126873.00	2-3	70.00	2.416
1952	60.00	7	SLV(E)	-403662.00	-5812.37	15968.10	-972502.00	-46022.50	127084.00	2-3	70.00	2.409
1953	120.00	7	SLV(E)	-402233.00	-5530.71	15194.30	-972502.00	-45919.30	126829.00	2-3	70.00	2.418
1954	180.00	7	SLV(E)	-398439.00	-4905.57	13476.90	-972502.00	-45644.60	126152.00	2-3	70.00	2.441
1955	240.00	7	SLV(E)	-392520.00	-4017.32	11036.60	-972502.00	-45214.30	125093.00	2-3	70.00	2.478
1956	300.00	7	SLV(E)	-384706.00	-3011.93	8274.57	-972502.00	-44632.40	123661.00	2-3	70.00	2.528
1957	360.00	7	SLV(E)	-375224.00	-2036.53	5594.88	-972502.00	-43911.20	121888.00	2-3	70.00	2.592
1958	420.00	7	SLV(E)	-364287.00	-1201.45	3300.71	-972502.00	-43208.50	119759.00	2-3	70.00	2.670
1959	480.00	7	SLV(E)	-352098.00	-566.16	1555.40	-972502.00	-42419.80	117344.00	2-3	70.00	2.762
1960	540.00	7	SLV(E)	-338847.00	-141.36	388.35	-972502.00	-41546.70	114672.00	2-3	70.00	2.870
1961	600.00	7	SLV(E)	-325231.00	101.09	-277.72	-972502.00	40629.30	-111864.00	2-3	250.00	2.990
1962	660.00	7	SLV(E)	-311599.00	207.48	-570.00	-972502.00	39683.00	-108965.00	2-3	250.00	3.121
1963	720.00	7	SLV(E)	-298016.00	225.22	-618.75	-972502.00	38727.80	-106026.00	2-3	250.00	3.263
1964	780.00	7	SLV(E)	-284542.00	194.32	-533.85	-972502.00	37746.90	-103065.00	2-3	250.00	3.418
1965	840.00	7	SLV(E)	-271229.00	144.08	-395.82	-972502.00	36746.50	-100110.00	2-3	250.00	3.586
1966	900.00	7	SLV(E)	-258125.00	93.09	-255.74	-972502.00	35732.30	-97102.80	2-3	250.00	3.768
1967	960.00	7	SLV(E)	-245271.00	51.02	-140.18	-972502.00	34721.50	-94095.20	2-3	250.00	3.965
1968	1020.00	7	SLV(E)	-232702.00	21.17	-58.15	-972502.00	33723.00	-91112.80	2-3	250.00	4.179
1969	1080.00	7	SLV(E)	-220448.00	2.90	-7.98	-972502.00	32739.80	-88162.70	2-3	250.00	4.411
1970	1140.00	7	SLV(E)	-208537.00	-6.25	17.17	-972502.00	-31574.70	85343.90	2-3	70.00	4.663
1971	1200.00	7	SLV(E)	-196988.00	-9.26	25.43	-972502.00	-30377.20	82521.10	2-3	70.00	4.937
1972	1260.00	7	SLV(E)	-185820.00	-8.76	24.07	-972502.00	-29197.70	79761.90	2-3	70.00	5.234
1973	1320.00	7	SLV(E)	-175044.00	-6.72	18.46	-972502.00	-28038.90	77065.00	2-3	70.00	5.556
1974	1380.00	7	SLV(E)	-164670.00	-4.38	12.04	-972502.00	-26902.40	74447.60	2-3	70.00	5.906
1975	1440.00	7	SLV(E)	-154705.00	-2.39	6.58	-972502.00	-25794.70	71913.30	2-3	70.00	6.286
1976	1500.00	7	SLV(E)	-145152.00	-0.99	2.71	-972502.00	-24780.70	69407.60	2-3	70.00	6.700
1977	1560.00	7	SLV(E)	-136012.00	-0.15	0.40	-972502.00					7.150
1978	1620.00	7	SLV(E)	-127281.00	0.26	-0.71	-972502.00					7.641
1979	1680.00	7	SLV(E)	-118957.00	0.38	-1.04	-972502.00	22286.20	-62168.50	2-3	250.00	8.175
1980	1740.00	7	SLV(E)	-111033.00	0.34	-0.95	-972502.00	21522.00	-59942.10	2-3	250.00	8.759
1981	1800.00	7	SLV(E)	-103501.00	0.25	-0.69	-972502.00					9.396
1982	1860.00	7	SLV(E)	-96352.20	0.15	-0.42	-972502.00					10.093
1983	1920.00	7	SLV(E)	-89575.70	0.08	-0.21	-972502.00					10.857
1984	1980.00	7	SLV(E)	-83159.80	0.02	-0.07	-972502.00					11.694
1985	2040.00	7	SLV(E)	-77091.80	-0.00	0.01	-972502.00					12.615
1986	2100.00	7	SLV(E)	-71358.20	-0.01	0.04	-972502.00					13.629
1987	2160.00	7	SLV(E)	-65945.00	-0.01	0.04	-972502.00					14.747

1988	2220.00	7	SLV(E)	-60837.30	-0.01	0.03	-972502.00						15.985
1989	2280.00	7	SLV(E)	-56019.90	-0.01	0.02	-972502.00						17.360
1990	2340.00	7	SLV(E)	-51477.40	-0.00	0.01	-972502.00						18.892
1991	2400.00	7	SLV(E)	-47194.00	-0.00	0.00	-972502.00						20.607
1992	2460.00	7	SLV(E)	-43153.50	-0.00	0.00	-972502.00						22.536
1993	2520.00	7	SLV(E)	-39339.70	0.00	-0.00	-972502.00						24.721
1994	2580.00	7	SLV(E)	-35736.20	0.00	-0.00	-972502.00						27.213
1995	2640.00	7	SLV(E)	-32326.40	0.00	-0.00	-972502.00						30.084
1996	2700.00	7	SLV(E)	-29093.70	0.00	-0.00	-972502.00						33.427
1997	2760.00	7	SLV(E)	-26021.10	0.00	-0.00	-972502.00						37.374
1998	2820.00	7	SLV(E)	-23091.60	0.00	-0.00	-972502.00						42.115
1999	2880.00	7	SLV(E)	-20288.00	0.00	-0.00	-972502.00						47.935
2000	2940.00	7	SLV(E)	-17592.50	0.00	0.00	-972502.00						55.279
2001	0.00	9	SLV(E)	-377114.00	-4262.59	16498.40	-972502.00	-32431.20	126363.00	2-3	75.63		2.579
2002	60.00	9	SLV(E)	-378292.00	-4252.93	16461.00	-972502.00	-32495.00	126593.00	2-3	75.63		2.571
2003	120.00	9	SLV(E)	-377020.00	-4045.92	15659.80	-972502.00	-32426.20	126345.00	2-3	75.63		2.579
2004	180.00	9	SLV(E)	-373525.00	-3587.92	13887.10	-972502.00	-32233.90	125649.00	2-3	75.63		2.604
2005	240.00	9	SLV(E)	-368030.00	-2937.74	11370.60	-972502.00	-31932.60	124559.00	2-3	75.63		2.642
2006	300.00	9	SLV(E)	-360754.00	-2202.14	8523.42	-972502.00	-31538.20	123095.00	2-3	75.63		2.696
2007	360.00	9	SLV(E)	-351907.00	-1488.68	5761.94	-972502.00	-31075.10	121297.00	2-3	75.63		2.764
2008	420.00	9	SLV(E)	-341690.00	-877.99	3398.27	-972502.00	-30537.00	119202.00	2-3	75.63		2.846
2009	480.00	9	SLV(E)	-330294.00	-413.50	1600.44	-972502.00	-29930.90	116839.00	2-3	75.63		2.944
2010	540.00	9	SLV(E)	-317897.00	-102.97	398.56	-972502.00	-29247.40	114170.00	2-3	75.63		3.059
2011	600.00	9	SLV(E)	-305154.00	74.19	-287.17	-972502.00	28527.90	-111361.00	2-3	255.63		3.187
2012	660.00	9	SLV(E)	-292393.00	151.88	-587.87	-972502.00	27798.20	-108516.00	2-3	255.63		3.326
2013	720.00	9	SLV(E)	-279675.00	164.78	-637.77	-972502.00	27060.30	-105649.00	2-3	255.63		3.477
2014	780.00	9	SLV(E)	-267058.00	142.12	-550.09	-972502.00	26318.00	-102778.00	2-3	255.63		3.642
2015	840.00	9	SLV(E)	-254590.00	105.35	-407.76	-972502.00	25546.00	-99804.00	2-3	255.63		3.820
2016	900.00	9	SLV(E)	-242315.00	68.05	-263.39	-972502.00	24774.60	-96845.30	2-3	255.63		4.013
2017	960.00	9	SLV(E)	-230272.00	37.29	-144.32	-972502.00	24007.10	-93909.90	2-3	255.63		4.223
2018	1020.00	9	SLV(E)	-218496.00	15.46	-59.83	-972502.00	23248.90	-91017.30	2-3	255.63		4.451
2019	1080.00	9	SLV(E)	-207014.00	2.11	-8.16	-972502.00	22502.70	-88174.70	2-3	255.63		4.698
2020	1140.00	9	SLV(E)	-195850.00	-4.58	17.72	-972502.00	-21744.50	85285.90	2-3	75.63		4.966
2021	1200.00	9	SLV(E)	-185026.00	-6.77	26.22	-972502.00	-21030.20	82435.80	2-3	75.63		5.256
2022	1260.00	9	SLV(E)	-174557.00	-6.41	24.80	-972502.00	-20465.40	79632.20	2-3	75.63		5.571
2023	1320.00	9	SLV(E)	-164455.00	-4.91	19.02	-972502.00	-20557.50	76807.80	2-3	75.00		5.913
2024	1380.00	9	SLV(E)	-154729.00	-3.20	12.40	-972502.00	-19858.90	74206.30	2-3	75.00		6.285
2025	1440.00	9	SLV(E)	-145386.00	-1.75	6.77	-972502.00	-19180.40	71668.90	2-3	75.00		6.689
2026	1500.00	9	SLV(E)	-136427.00	-0.72	2.79	-972502.00	-18506.20	69135.80	2-3	75.00		7.128
2027	1560.00	9	SLV(E)	-127855.00	-0.11	0.41	-972502.00						7.606
2028	1620.00	9	SLV(E)	-119667.00	0.19	-0.73	-972502.00						8.127
2029	1680.00	9	SLV(E)	-111859.00	0.28	-1.07	-972502.00	15984.10	-62215.90	2-3	255.63		8.694
2030	1740.00	9	SLV(E)	-104426.00	0.25	-0.98	-972502.00	15434.80	-60068.30	2-3	255.63		9.313
2031	1800.00	9	SLV(E)	-97360.50	0.18	-0.71	-972502.00						9.989
2032	1860.00	9	SLV(E)	-90653.80	0.11	-0.43	-972502.00						10.728
2033	1920.00	9	SLV(E)	-84296.00	0.06	-0.21	-972502.00						11.537
2034	1980.00	9	SLV(E)	-78276.40	0.02	-0.07	-972502.00						12.424
2035	2040.00	9	SLV(E)	-72582.90	-0.00	0.01	-972502.00						13.399
2036	2100.00	9	SLV(E)	-67203.10	-0.01	0.04	-972502.00						14.471
2037	2160.00	9	SLV(E)	-62123.70	-0.01	0.04	-972502.00						15.654
2038	2220.00	9	SLV(E)	-57331.10	-0.01	0.03	-972502.00						16.963
2039	2280.00	9	SLV(E)	-52811.00	-0.01	0.02	-972502.00						18.415
2040	2340.00	9	SLV(E)	-48548.90	-0.00	0.01	-972502.00						20.031
2041	2400.00	9	SLV(E)	-44530.20	-0.00	0.00	-972502.00						21.839
2042	2460.00	9	SLV(E)	-40739.70	-0.00	0.00	-972502.00						23.871
2043	2520.00	9	SLV(E)	-37162.40	0.00	-0.00	-972502.00						26.169
2044	2580.00	9	SLV(E)	-33782.90	0.00	-0.00	-972502.00						28.787
2045	2640.00	9	SLV(E)	-30585.80	0.00	-0.00	-972502.00						31.796
2046	2700.00	9	SLV(E)	-27555.50	0.00	-0.00	-972502.00						35.292
2047	2760.00	9	SLV(E)	-24676.30	0.00	-0.00	-972502.00						39.410
2048	2820.00	9	SLV(E)	-21932.30	0.00	-0.00	-972502.00						44.341
2049	2880.00	9	SLV(E)	-19307.40	0.00	-0.00	-972502.00						50.370
2050	2940.00	9	SLV(E)	-16785.10	0.00	0.00	-972502.00						57.938
2051	0.00	11	SLV(E)	-394459.00	-4440.76	16446.40	-972502.00	-34665.00	129443.00	2-3	75.00		2.465
2052	60.00	11	SLV(E)	-395637.00	-4431.75	16413.10	-972502.00	-34724.70	129664.00	2-3	75.00		2.458
2053	120.00	11	SLV(E)	-394258.00	-4216.89	15617.30	-972502.00	-34654.90	129405.00	2-3	75.00		2.467
2054	180.00	11	SLV(E)	-390559.00	-3740.16	13851.80	-972502.00	-34468.00	128712.00	2-3	75.00		2.490
2055	240.00	11	SLV(E)	-384773.00	-3062.87	11343.40	-972502.00	-34174.30	127622.00	2-3	75.00		2.527
2056	300.00	11	SLV(E)	-377130.00	-2296.30	8504.39	-972502.00	-33769.80	126117.00	2-3	75.00		2.579
2057	360.00	11	SLV(E)	-367848.00	-1552.61	5750.13	-972502.00	-33274.20	124269.00	2-3	75.00		2.644
2058	420.00	11	SLV(E)	-357139.00	-915.93	3392.18	-972502.00	-32697.40	122112.00	2-3	75.00		2.723
2059	480.00	11	SLV(E)	-345201.00	-431.59	1598.40	-972502.00	-32049.20	119678.00	2-3	75.00		2.817
2060	540.00	11	SLV(E)	-332220.00	-107.73	398.97	-972502.00	-31337.20	116996.00	2-3	75.00		2.927
2061	600.00	11	SLV(E)	-318880.00	77.10	-285.56	-972502.00	30582.10	-114147.00	2-3	255.00		3.050
2062	660.00	11	SLV(E)	-305524.00	158.21	-585.92	-972502.00	29803.10	-111208.00	2-3	255.00		3.183
2063	720.00	11	SLV(E)	-292215.00	171.72	-635.99	-972502.00	29016.80	-108245.00	2-3	255.00		3.328
2064	780.00	11	SLV(E)	-279012.00	148.16	-548.70	-972502.00	28225.20	-105272.00	2-3	255.00		3.486
2065	840.00	11	SLV(E)	-265966.00	109.85	-406.82	-972502.00	27431.70	-102305.00	2-3	255.00		3.656
2066	900.00	11	SLV(E)	-253124.00	70.97	-262.84	-972502.00	26608.60	-99236.90	2-3	255.00		3.842
2067	960.00	11	SLV(E)	-240526.00	38.90	-144.06	-972502.00	25790.70	-96196.60	2-3	255.00		4.043
2068	1020.00	11	SLV(E)	-228208.00	16.13	-59.75	-972502.00	24981.30	-93194.70	2-3	255.00		4.261
2069	1080.00	11	SLV(E)	-216199.00	2.21	-8.19	-972502.00	24185.00	-90245.80	2-3	255.00		4.498
2070	1140.00	11	SLV(E)	-204524.00	-4.77	17.65	-972502.00	-23399.70	87339.60	2-3	75.00		4.755
2071	1200.00	11	SLV(E)	-193204.00	-7.06	26.14	-972502.00	-22603.70	84392.80	2-3	75.00		5.034

2072	1260.00	11	SLV(E)	-182257.00	-6.68	24.74	-972502.00	-21829.50	81525.30	2-3	75.00	5.336
2073	1320.00	11	SLV(E)	-171694.00	-5.12	18.97	-972502.00	-21075.90	78732.60	2-3	75.00	5.664
2074	1380.00	11	SLV(E)	-161526.00	-3.34	12.37	-972502.00	-20347.30	76026.10	2-3	75.00	6.021
2075	1440.00	11	SLV(E)	-151757.00	-1.83	6.76	-972502.00	-19645.60	73410.10	2-3	75.00	6.408
2076	1500.00	11	SLV(E)	-142393.00	-0.75	2.79	-972502.00	-18955.80	70826.00	2-3	75.00	6.830
2077	1560.00	11	SLV(E)	-133432.00	-0.11	0.41	-972502.00					7.288
2078	1620.00	11	SLV(E)	-124873.00	0.20	-0.73	-972502.00					7.788
2079	1680.00	11	SLV(E)	-116712.00	0.29	-1.07	-972502.00	17015.30	-63508.20	2-3	255.00	8.332
2080	1740.00	11	SLV(E)	-108943.00	0.26	-0.97	-972502.00	16422.30	-61266.20	2-3	255.00	8.927
2081	1800.00	11	SLV(E)	-101559.00	0.19	-0.71	-972502.00					9.576
2082	1860.00	11	SLV(E)	-94549.70	0.12	-0.43	-972502.00					10.286
2083	1920.00	11	SLV(E)	-87905.60	0.06	-0.21	-972502.00					11.063
2084	1980.00	11	SLV(E)	-81615.00	0.02	-0.07	-972502.00					11.916
2085	2040.00	11	SLV(E)	-75665.50	-0.00	0.01	-972502.00					12.853
2086	2100.00	11	SLV(E)	-70043.90	-0.01	0.04	-972502.00					13.884
2087	2160.00	11	SLV(E)	-64736.20	-0.01	0.04	-972502.00					15.023
2088	2220.00	11	SLV(E)	-59728.20	-0.01	0.03	-972502.00					16.282
2089	2280.00	11	SLV(E)	-55004.90	-0.01	0.02	-972502.00					17.680
2090	2340.00	11	SLV(E)	-50551.10	-0.00	0.01	-972502.00					19.238
2091	2400.00	11	SLV(E)	-46351.40	-0.00	0.00	-972502.00					20.981
2092	2460.00	11	SLV(E)	-42389.90	-0.00	0.00	-972502.00					22.942
2093	2520.00	11	SLV(E)	-38650.90	0.00	-0.00	-972502.00					25.161
2094	2580.00	11	SLV(E)	-35118.30	0.00	-0.00	-972502.00					27.692
2095	2640.00	11	SLV(E)	-31775.80	0.00	-0.00	-972502.00					30.605
2096	2700.00	11	SLV(E)	-28607.10	0.00	-0.00	-972502.00					33.995
2097	2760.00	11	SLV(E)	-25595.70	0.00	-0.00	-972502.00					37.995
2098	2820.00	11	SLV(E)	-22724.90	0.00	-0.00	-972502.00					42.794
2099	2880.00	11	SLV(E)	-19977.80	0.00	-0.00	-972502.00					48.679
2100	2940.00	11	SLV(E)	-17337.10	0.00	0.00	-972502.00					56.094
2101	0.00	13	SLV(E)	-358329.00	-6070.84	1590.90	-972502.00	-45287.30	117545.00	2-3	68.75	2.714
2102	60.00	13	SLV(E)	-359507.00	-6054.05	15860.90	-972502.00	-45367.30	117777.00	2-3	68.75	2.705
2103	120.00	13	SLV(E)	-358351.00	-5756.91	15082.40	-972502.00	-45289.40	117551.00	2-3	68.75	2.714
2104	180.00	13	SLV(E)	-355076.00	-5103.36	13370.20	-972502.00	-45065.50	116906.00	2-3	68.75	2.739
2105	240.00	13	SLV(E)	-349896.00	-4177.19	10943.80	-972502.00	-44709.30	115879.00	2-3	68.75	2.779
2106	300.00	13	SLV(E)	-343018.00	-3130.20	8200.77	-972502.00	-44232.80	114505.00	2-3	68.75	2.835
2107	360.00	13	SLV(E)	-334641.00	-2115.23	5541.67	-972502.00	-43647.70	112817.00	2-3	68.75	2.906
2108	420.00	13	SLV(E)	-324958.00	-1246.83	3266.54	-972502.00	-42951.20	110810.00	2-3	68.75	2.993
2109	480.00	13	SLV(E)	-314149.00	-586.56	1536.72	-972502.00	-42161.20	108530.00	2-3	68.75	3.096
2110	540.00	13	SLV(E)	-302383.00	-145.35	380.79	-972502.00	-41292.90	106015.00	2-3	68.75	3.216
2111	600.00	13	SLV(E)	-290286.00	106.23	-278.30	-972502.00	40390.80	-103389.00	2-3	248.75	3.350
2112	660.00	13	SLV(E)	-278170.00	216.40	-566.94	-972502.00	38388.40	-101192.00	2-3	249.38	3.496
2113	720.00	13	SLV(E)	-266094.00	234.51	-614.38	-972502.00	37448.90	-98483.00	2-3	249.38	3.655
2114	780.00	13	SLV(E)	-254111.00	202.14	-529.59	-972502.00	36491.50	-95715.50	2-3	249.38	3.827
2115	840.00	13	SLV(E)	-242268.00	149.78	-392.39	-972502.00	35538.00	-92944.90	2-3	249.38	4.014
2116	900.00	13	SLV(E)	-230608.00	96.70	-253.35	-972502.00	34589.40	-90177.30	2-3	249.38	4.217
2117	960.00	13	SLV(E)	-219166.00	52.95	-138.73	-972502.00	33558.70	-87463.00	2-3	249.38	4.437
2118	1020.00	13	SLV(E)	-207976.00	21.92	-57.43	-972502.00	32416.40	-84823.20	2-3	249.38	4.676
2119	1080.00	13	SLV(E)	-197065.00	2.96	-7.75	-972502.00	31264.30	-82166.80	2-3	249.38	4.935
2120	1140.00	13	SLV(E)	-186456.00	-6.54	17.12	-972502.00	-30981.40	79181.10	2-3	68.75	5.216
2121	1200.00	13	SLV(E)	-176168.00	-9.65	25.27	-972502.00	-29837.50	76631.40	2-3	68.75	5.520
2122	1260.00	13	SLV(E)	-166217.00	-9.12	23.88	-972502.00	-28711.80	74142.10	2-3	68.75	5.851
2123	1320.00	13	SLV(E)	-156614.00	-6.99	18.31	-972502.00	-27609.00	71724.20	2-3	68.75	6.210
2124	1380.00	13	SLV(E)	-147368.00	-4.55	11.93	-972502.00	-26521.70	69355.00	2-3	68.75	6.599
2125	1440.00	13	SLV(E)	-138484.00	-2.49	6.51	-972502.00	-25502.90	67004.90	2-3	68.75	7.022
2126	1500.00	13	SLV(E)	-129966.00	-1.02	2.68	-972502.00	-24653.30	64674.80	2-3	68.75	7.483
2127	1560.00	13	SLV(E)	-121815.00	-0.15	0.39	-972502.00					7.983
2128	1620.00	13	SLV(E)	-114029.00	0.27	-0.71	-972502.00					8.529
2129	1680.00	13	SLV(E)	-106603.00	0.39	-1.03	-972502.00	22292.50	-58170.40	2-3	248.75	9.123
2130	1740.00	13	SLV(E)	-99533.70	0.36	-0.94	-972502.00	21575.00	-56174.90	2-3	248.75	9.771
2131	1800.00	13	SLV(E)	-92813.50	0.26	-0.68	-972502.00					10.478
2132	1860.00	13	SLV(E)	-86434.20	0.16	-0.42	-972502.00					11.251
2133	1920.00	13	SLV(E)	-80386.60	0.08	-0.20	-972502.00					12.098
2134	1980.00	13	SLV(E)	-74660.30	0.03	-0.07	-972502.00					13.026
2135	2040.00	13	SLV(E)	-69244.20	-0.00	0.01	-972502.00					14.044
2136	2100.00	13	SLV(E)	-64126.30	-0.01	0.04	-972502.00					15.165
2137	2160.00	13	SLV(E)	-59294.20	-0.02	0.04	-972502.00					16.401
2138	2220.00	13	SLV(E)	-54734.80	-0.11	0.03	-972502.00					17.767
2139	2280.00	13	SLV(E)	-50434.80	-0.01	0.02	-972502.00					19.282
2140	2340.00	13	SLV(E)	-46380.40	-0.00	0.01	-972502.00					20.968
2141	2400.00	13	SLV(E)	-42557.70	-0.00	0.00	-972502.00					22.851
2142	2460.00	13	SLV(E)	-38952.40	-0.00	0.00	-972502.00					24.966
2143	2520.00	13	SLV(E)	-35550.10	0.00	-0.00	-972502.00					27.356
2144	2580.00	13	SLV(E)	-32336.50	0.00	-0.00	-972502.00					30.074
2145	2640.00	13	SLV(E)	-29296.90	0.00	-0.00	-972502.00					33.195
2146	2700.00	13	SLV(E)	-26416.50	0.00	-0.00	-972502.00					36.814
2147	2760.00	13	SLV(E)	-23680.50	0.00	-0.00	-972502.00					41.068
2148	2820.00	13	SLV(E)	-21073.80	0.00	-0.00	-972502.00					46.147
2149	2880.00	13	SLV(E)	-18581.30	0.00	-0.00	-972502.00					52.338
2150	2940.00	13	SLV(E)	-16187.30	0.00	0.00	-972502.00					60.078
2151	0.00	15	SLV(E)	-375673.00	-6249.01	15853.00	-972502.00	-46598.20	120860.00	2-3	68.75	2.589
2152	60.00	15	SLV(E)	-376851.00	-6234.45	15816.00	-972502.00	-46692.00	121079.00	2-3	68.75	2.581
2153	120.00	15	SLV(E)	-375588.00	-5930.65	15045.30	-972502.00	-46591.10	120843.00	2-3	68.75	2.589
2154	180.00	15	SLV(E)	-372110.00	-5259.04	13341.50	-972502.00	-46311.40	120190.00	2-3	68.75	2.613
2155	240.00	15	SLV(E)	-366639.00	-4305.84	10923.40	-972502.00	-45871.30	119162.00	2-3	68.75	2.652

2156	300.00	15	SLV(E)	-359393.00	-3227.54	8187.85	-972502.00	-45359.90	117755.00	2-3	68.75	2.706
2157	360.00	15	SLV(E)	-350583.00	-2181.74	5534.81	-972502.00	-44756.90	116016.00	2-3	68.75	2.774
2158	420.00	15	SLV(E)	-340407.00	-1286.65	3264.07	-972502.00	-44050.30	113979.00	2-3	68.75	2.857
2159	480.00	15	SLV(E)	-329056.00	-605.87	1537.02	-972502.00	-43248.60	111667.00	2-3	68.75	2.955
2160	540.00	15	SLV(E)	-316707.00	-150.78	382.51	-972502.00	-42349.30	109073.00	2-3	68.75	3.071
2161	600.00	15	SLV(E)	-304013.00	108.85	-276.13	-972502.00	41413.50	-106364.00	2-3	248.75	3.199
2162	660.00	15	SLV(E)	-291302.00	222.68	-564.90	-972502.00	40466.70	-103611.00	2-3	248.75	3.338
2163	720.00	15	SLV(E)	-278634.00	241.54	-612.76	-972502.00	39513.50	-100820.00	2-3	248.75	3.490
2164	780.00	15	SLV(E)	-266065.00	208.32	-528.47	-972502.00	38538.90	-97996.50	2-3	248.75	3.655
2165	840.00	15	SLV(E)	-253644.00	154.41	-391.72	-972502.00	37523.90	-95136.40	2-3	248.75	3.834
2166	900.00	15	SLV(E)	-241417.00	99.73	-253.01	-972502.00	36518.10	-92284.90	2-3	248.75	4.028
2167	960.00	15	SLV(E)	-229420.00	54.64	-138.62	-972502.00	35521.20	-89444.40	2-3	248.75	4.239
2168	1020.00	15	SLV(E)	-217689.00	22.65	-57.45	-972502.00	34325.40	-86711.60	2-3	248.75	4.467
2169	1080.00	15	SLV(E)	-206250.00	3.08	-7.82	-972502.00	33128.90	-84008.00	2-3	248.75	4.715
2170	1140.00	15	SLV(E)	-195130.00	-6.71	17.03	-972502.00	-31930.40	81306.60	2-3	68.75	4.984
2171	1200.00	15	SLV(E)	-184347.00	-9.93	25.19	-972502.00	-30747.90	78659.20	2-3	68.75	5.275
2172	1260.00	15	SLV(E)	-173917.00	-9.39	23.83	-972502.00	-29585.10	76071.60	2-3	68.75	5.592
2173	1320.00	15	SLV(E)	-163853.00	-7.20	18.27	-972502.00	-28442.20	73549.80	2-3	68.75	5.935
2174	1380.00	15	SLV(E)	-154164.00	-4.69	11.91	-972502.00	-27325.90	71104.40	2-3	68.75	6.308
2175	1440.00	15	SLV(E)	-144856.00	-2.56	6.51	-972502.00	-26979.70	68355.00	2-3	68.13	6.714
2176	1500.00	15	SLV(E)	-135932.00	-1.06	2.68	-972502.00	-25906.40	66008.00	2-3	68.13	7.154
2177	1560.00	15	SLV(E)	-127392.00	-0.16	0.39	-972502.00					7.634
2178	1620.00	15	SLV(E)	-119234.00	0.28	-0.70	-972502.00					8.156
2179	1680.00	15	SLV(E)	-111456.00	0.41	-1.03	-972502.00	23387.60	-59258.90	2-3	248.13	8.725
2180	1740.00	15	SLV(E)	-104051.00	0.37	-0.94	-972502.00	22620.00	-57185.20	2-3	248.13	9.346
2181	1800.00	15	SLV(E)	-97011.70	0.27	-0.68	-972502.00					10.025
2182	1860.00	15	SLV(E)	-90330.10	0.16	-0.42	-972502.00					10.766
2183	1920.00	15	SLV(E)	-83996.10	0.08	-0.20	-972502.00					11.578
2184	1980.00	15	SLV(E)	-77999.00	0.03	-0.07	-972502.00					12.468
2185	2040.00	15	SLV(E)	-72326.80	-0.00	0.01	-972502.00					13.446
2186	2100.00	15	SLV(E)	-66967.10	-0.01	0.04	-972502.00					14.522
2187	2160.00	15	SLV(E)	-61906.70	-0.02	0.04	-972502.00					15.709
2188	2220.00	15	SLV(E)	-57131.90	-0.01	0.03	-972502.00					17.022
2189	2280.00	15	SLV(E)	-52628.70	-0.01	0.02	-972502.00					18.479
2190	2340.00	15	SLV(E)	-48382.60	-0.00	0.01	-972502.00					20.100
2191	2400.00	15	SLV(E)	-44378.90	-0.00	0.00	-972502.00					21.914
2192	2460.00	15	SLV(E)	-40602.60	-0.00	0.00	-972502.00					23.952
2193	2520.00	15	SLV(E)	-37038.70	0.00	-0.00	-972502.00					26.256
2194	2580.00	15	SLV(E)	-33671.90	0.00	-0.00	-972502.00					28.882
2195	2640.00	15	SLV(E)	-30486.90	0.00	-0.00	-972502.00					31.899
2196	2700.00	15	SLV(E)	-27468.10	0.00	-0.00	-972502.00					35.405
2197	2760.00	15	SLV(E)	-24599.90	0.00	-0.00	-972502.00					39.533
2198	2820.00	15	SLV(E)	-21866.40	0.00	-0.00	-972502.00					44.475
2199	2880.00	15	SLV(E)	-19251.70	0.00	-0.00	-972502.00					50.515
2200	2940.00	15	SLV(E)	-16739.30	0.00	0.00	-972502.00					58.097
2251	0.00	1	SLV(E)	-344668.00	5230.07	16173.20	-972502.00	37056.00	117775.00	2-3	107.50	2.822
2252	60.00	1	SLV(E)	-345847.00	5213.07	16120.70	-972502.00	37125.20	118017.00	2-3	107.50	2.812
2253	120.00	1	SLV(E)	-344775.00	4955.15	15323.10	-972502.00	37062.40	117798.00	2-3	107.50	2.821
2254	180.00	1	SLV(E)	-341661.00	4391.07	13578.70	-972502.00	36880.00	117161.00	2-3	107.50	2.846
2255	240.00	1	SLV(E)	-336710.00	3593.02	11110.90	-972502.00	36589.20	116144.00	2-3	107.50	2.888
2256	300.00	1	SLV(E)	-330120.00	2691.57	8323.30	-972502.00	36193.90	114788.00	2-3	107.50	2.946
2257	360.00	1	SLV(E)	-322086.00	1818.14	5622.35	-972502.00	35679.40	113090.00	2-3	107.50	3.019
2258	420.00	1	SLV(E)	-312790.00	1071.13	3312.30	-972502.00	35075.10	111095.00	2-3	107.50	3.109
2259	480.00	1	SLV(E)	-302408.00	503.36	1556.58	-972502.00	34387.70	108825.00	2-3	107.50	3.216
2260	540.00	1	SLV(E)	-291102.00	124.12	383.84	-972502.00	33632.80	106331.00	2-3	107.50	3.341
2261	600.00	1	SLV(E)	-279475.00	-91.98	-284.44	-972502.00	-32847.80	-103736.00	2-3	287.50	3.480
2262	660.00	1	SLV(E)	-267828.00	-186.50	-576.71	-972502.00	-32056.00	-101116.00	2-3	287.50	3.631
2263	720.00	1	SLV(E)	-256218.00	-201.88	-624.30	-972502.00	-31234.40	-98399.50	2-3	287.50	3.796
2264	780.00	1	SLV(E)	-244696.00	-173.92	-537.84	-972502.00	-30407.60	-95662.20	2-3	287.50	3.974
2265	840.00	1	SLV(E)	-233308.00	-128.81	-398.32	-972502.00	-29580.80	-92923.40	2-3	287.50	4.168
2266	900.00	1	SLV(E)	-222094.00	-83.13	-257.06	-972502.00	-28760.90	-90202.40	2-3	287.50	4.379
2267	960.00	1	SLV(E)	-211090.00	-45.49	-140.68	-972502.00	-27951.70	-87513.60	2-3	287.50	4.607
2268	1020.00	1	SLV(E)	-200327.00	-18.81	-58.16	-972502.00	-27137.50	-84805.70	2-3	287.50	4.855
2269	1080.00	1	SLV(E)	-189831.00	-2.51	-7.76	-972502.00	-26120.00	-82176.40	2-3	287.50	5.123
2270	1140.00	1	SLV(E)	-179625.00	5.64	17.45	-972502.00	25102.80	79584.10	2-3	107.50	5.414
2271	1200.00	1	SLV(E)	-169727.00	8.31	25.69	-972502.00	24948.30	76727.40	2-3	108.13	5.730
2272	1260.00	1	SLV(E)	-160152.00	7.85	24.26	-972502.00	23957.90	74278.60	2-3	108.13	6.072
2273	1320.00	1	SLV(E)	-150912.00	6.01	18.58	-972502.00	23185.90	71831.30	2-3	108.13	6.444
2274	1380.00	1	SLV(E)	-142015.00	3.91	12.10	-972502.00	22421.10	69404.80	2-3	108.13	6.848
2275	1440.00	1	SLV(E)	-133466.00	2.14	6.60	-972502.00	21675.40	67035.30	2-3	108.13	7.287
2276	1500.00	1	SLV(E)	-125268.00	0.88	2.72	-972502.00	20950.20	64726.80	2-3	108.13	7.763
2277	1560.00	1	SLV(E)	-117423.00	0.13	0.39	-972502.00					8.282
2278	1620.00	1	SLV(E)	-109928.00	-0.23	-0.72	-972502.00					8.847
2279	1680.00	1	SLV(E)	-102781.00	-0.34	-1.05	-972502.00	-18950.10	-58335.50	2-3	288.13	9.462
2280	1740.00	1	SLV(E)	-95976.20	-0.31	-0.95	-972502.00	-18342.10	-56382.70	2-3	288.13	10.133
2281	1800.00	1	SLV(E)	-89507.00	-0.22	-0.69	-972502.00					10.865
2282	1860.00	1	SLV(E)	-83365.80	-0.14	-0.42	-972502.00					11.665
2283	1920.00	1	SLV(E)	-77543.70	-0.07	-0.21	-972502.00					12.541
2284	1980.00	1	SLV(E)	-72030.80	-0.02	-0.07	-972502.00					13.501
2285	2040.00	1	SLV(E)	-66816.30	0.00	0.01	-972502.00					14.555
2286	2100.00	1	SLV(E)	-61888.90	0.01	0.04	-972502.00					15.714
2287	2160.00	1	SLV(E)	-57236.60	0.01	0.04	-972502.00					16.991
2288	2220.00	1	SLV(E)	-52846.90	0.01	0.03	-972502.00					18.402
2289	2280.00	1	SLV(E)	-48706.90	0.01	0.02	-972502.00					19.966

2374	1380.00	5	SLV(E)	-164670.00	4.38	12.04	-972502.00	26902.40	74447.60	2-3	110.00	5.906
2375	1440.00	5	SLV(E)	-154706.00	2.39	6.58	-972502.00	25794.70	71913.30	2-3	110.00	6.286
2376	1500.00	5	SLV(E)	-145153.00	0.99	2.71	-972502.00	24780.70	69407.60	2-3	110.00	6.700
2377	1560.00	5	SLV(E)	-136012.00	0.15	0.40	-972502.00					7.150
2378	1620.00	5	SLV(E)	-127281.00	-0.26	-0.71	-972502.00					7.641
2379	1680.00	5	SLV(E)	-118957.00	-0.38	-1.04	-972502.00	-22286.20	-62168.50	2-3	290.00	8.175
2380	1740.00	5	SLV(E)	-111033.00	-0.34	-0.95	-972502.00	-21522.00	-59942.10	2-3	290.00	8.759
2381	1800.00	5	SLV(E)	-103501.00	-0.25	-0.69	-972502.00					9.396
2382	1860.00	5	SLV(E)	-96352.20	-0.15	-0.42	-972502.00					10.093
2383	1920.00	5	SLV(E)	-89575.70	-0.08	-0.21	-972502.00					10.857
2384	1980.00	5	SLV(E)	-83159.80	-0.02	-0.07	-972502.00					11.694
2385	2040.00	5	SLV(E)	-77091.80	0.00	0.01	-972502.00					12.615
2386	2100.00	5	SLV(E)	-71358.30	0.01	0.04	-972502.00					13.628
2387	2160.00	5	SLV(E)	-65945.00	0.01	0.04	-972502.00					14.747
2388	2220.00	5	SLV(E)	-60837.30	0.01	0.03	-972502.00					15.985
2389	2280.00	5	SLV(E)	-56019.90	0.01	0.02	-972502.00					17.360
2390	2340.00	5	SLV(E)	-51477.40	0.00	0.01	-972502.00					18.892
2391	2400.00	5	SLV(E)	-47194.00	0.00	0.00	-972502.00					20.607
2392	2460.00	5	SLV(E)	-43153.50	0.00	0.00	-972502.00					22.536
2393	2520.00	5	SLV(E)	-39339.70	-0.00	-0.00	-972502.00					24.721
2394	2580.00	5	SLV(E)	-35736.20	-0.00	-0.00	-972502.00					27.213
2395	2640.00	5	SLV(E)	-32326.40	-0.00	-0.00	-972502.00					30.084
2396	2700.00	5	SLV(E)	-29093.70	-0.00	-0.00	-972502.00					33.427
2397	2760.00	5	SLV(E)	-26021.10	-0.00	-0.00	-972502.00					37.374
2398	2820.00	5	SLV(E)	-23091.70	-0.00	-0.00	-972502.00					42.115
2399	2880.00	5	SLV(E)	-20288.00	-0.00	-0.00	-972502.00					47.935
2400	2940.00	5	SLV(E)	-17592.50	0.00	0.00	-972502.00					55.279
2401	0.00	7	SLV(E)	-408119.00	5281.53	16178.10	-972502.00	42182.20	129514.00	2-3	108.13	2.383
2402	60.00	7	SLV(E)	-409297.00	5271.14	16146.30	-972502.00	42261.50	129724.00	2-3	108.13	2.376
2403	120.00	7	SLV(E)	-407834.00	5015.85	15364.30	-972502.00	42163.30	129464.00	2-3	108.13	2.385
2404	180.00	7	SLV(E)	-403980.00	4449.00	13627.90	-972502.00	41903.90	128777.00	2-3	108.13	2.407
2405	240.00	7	SLV(E)	-397966.00	3643.49	11160.50	-972502.00	41495.80	127695.00	2-3	108.13	2.444
2406	300.00	7	SLV(E)	-390034.00	2731.71	8367.65	-972502.00	40952.50	126258.00	2-3	108.13	2.493
2407	360.00	7	SLV(E)	-380410.00	1847.10	5657.94	-972502.00	40396.90	124420.00	2-3	108.13	2.556
2408	420.00	7	SLV(E)	-369313.00	1089.74	3338.03	-972502.00	39751.90	122255.00	2-3	108.13	2.633
2409	480.00	7	SLV(E)	-356948.00	513.55	1573.09	-972502.00	39018.80	119790.00	2-3	108.13	2.724
2410	540.00	7	SLV(E)	-343507.00	128.26	392.89	-972502.00	38210.90	117068.00	2-3	108.13	2.831
2411	600.00	7	SLV(E)	-329697.00	-91.64	-280.71	-972502.00	-37372.60	-114235.00	2-3	288.13	2.950
2412	660.00	7	SLV(E)	-315871.00	-188.15	-576.33	-972502.00	-36479.20	-111291.00	2-3	288.13	3.079
2413	720.00	7	SLV(E)	-302096.00	-204.26	-625.67	-972502.00	-35545.90	-108306.00	2-3	288.13	3.219
2414	780.00	7	SLV(E)	-288431.00	-176.23	-539.83	-972502.00	-34605.80	-105293.00	2-3	288.13	3.372
2415	840.00	7	SLV(E)	-274931.00	-130.67	-400.27	-972502.00	-33669.00	-102285.00	2-3	288.13	3.537
2416	900.00	7	SLV(E)	-261642.00	-84.43	-258.62	-972502.00	-31620.10	-99674.70	2-3	287.50	3.717
2417	960.00	7	SLV(E)	-248607.00	-46.28	-141.76	-972502.00	-30689.40	-96595.80	2-3	287.50	3.912
2418	1020.00	7	SLV(E)	-235861.00	-19.20	-58.81	-972502.00	-29767.40	-93541.30	2-3	287.50	4.123
2419	1080.00	7	SLV(E)	-223437.00	-2.64	-8.07	-972502.00	-28859.40	-90529.60	2-3	287.50	4.352
2420	1140.00	7	SLV(E)	-211359.00	5.67	17.35	-972502.00	27970.80	87577.00	2-3	107.50	4.601
2421	1200.00	7	SLV(E)	-199649.00	8.39	25.71	-972502.00	27077.60	84634.60	2-3	107.50	4.871
2422	1260.00	7	SLV(E)	-188325.00	7.94	24.34	-972502.00	25971.30	81794.70	2-3	107.50	5.164
2423	1320.00	7	SLV(E)	-177399.00	6.09	18.67	-972502.00	25739.00	78680.80	2-3	108.13	5.482
2424	1380.00	7	SLV(E)	-166881.00	3.97	12.17	-972502.00	24654.90	76005.30	2-3	108.13	5.827
2425	1440.00	7	SLV(E)	-156778.00	2.17	6.65	-972502.00	24411.80	73097.60	2-3	108.75	6.203
2426	1500.00	7	SLV(E)	-147093.00	0.90	2.74	-972502.00	23569.30	70523.30	2-3	108.75	6.611
2427	1560.00	7	SLV(E)	-137826.00	0.13	0.41	-972502.00					7.056
2428	1620.00	7	SLV(E)	-128975.00	-0.23	-0.72	-972502.00					7.540
2429	1680.00	7	SLV(E)	-120536.00	-0.34	-1.05	-972502.00	-21173.20	-63139.60	2-3	288.75	8.068
2430	1740.00	7	SLV(E)	-112502.00	-0.31	-0.96	-972502.00	-20438.00	-60866.10	2-3	288.75	8.644
2431	1800.00	7	SLV(E)	-104867.00	-0.23	-0.70	-972502.00					9.274
2432	1860.00	7	SLV(E)	-97619.70	-0.14	-0.43	-972502.00					9.962
2433	1920.00	7	SLV(E)	-90750.00	-0.07	-0.21	-972502.00					10.716
2434	1980.00	7	SLV(E)	-84245.90	-0.02	-0.07	-972502.00					11.544
2435	2040.00	7	SLV(E)	-78094.60	0.00	0.01	-972502.00					12.453
2436	2100.00	7	SLV(E)	-72282.40	0.01	0.04	-972502.00					13.454
2437	2160.00	7	SLV(E)	-66794.90	0.01	0.04	-972502.00					14.559
2438	2220.00	7	SLV(E)	-61617.10	0.01	0.03	-972502.00					15.783
2439	2280.00	7	SLV(E)	-56733.60	0.01	0.02	-972502.00					17.142
2440	2340.00	7	SLV(E)	-52128.80	0.00	0.01	-972502.00					18.656
2441	2400.00	7	SLV(E)	-47786.40	0.00	0.00	-972502.00					20.351
2442	2460.00	7	SLV(E)	-43690.30	0.00	0.00	-972502.00					22.259
2443	2520.00	7	SLV(E)	-39823.90	-0.00	-0.00	-972502.00					24.420
2444	2580.00	7	SLV(E)	-36170.60	-0.00	-0.00	-972502.00					26.887
2445	2640.00	7	SLV(E)	-32713.60	-0.00	-0.00	-972502.00					29.728
2446	2700.00	7	SLV(E)	-29435.80	-0.00	-0.00	-972502.00					33.038
2447	2760.00	7	SLV(E)	-26320.20	-0.00	-0.00	-972502.00					36.949
2448	2820.00	7	SLV(E)	-23349.50	-0.00	-0.00	-972502.00					41.650
2449	2880.00	7	SLV(E)	-20506.10	-0.00	-0.00	-972502.00					47.425
2450	2940.00	7	SLV(E)	-17772.00	0.00	0.00	-972502.00					54.721
2451	0.00	9	SLV(E)	-358329.00	6070.71	15904.50	-972502.00	45287.30	117545.00	2-3	111.25	2.714
2452	60.00	9	SLV(E)	-359507.00	6054.14	15861.10	-972502.00	45367.30	117777.00	2-3	111.25	2.705
2453	120.00	9	SLV(E)	-358351.00	5757.17	15083.10	-972502.00	45289.40	117551.00	2-3	111.25	2.714
2454	180.00	9	SLV(E)	-355077.00	5103.72	13371.10	-972502.00	45065.50	116906.00	2-3	111.25	2.739
2455	240.00	9	SLV(E)	-349896.00	4177.58	10944.80	-972502.00	44709.30	115879.00	2-3	111.25	2.779
2456	300.00	9	SLV(E)	-343018.00	3130.57	8201.71	-972502.00	44232.80	114505.00	2-3	111.25	2.835
2457	360.00	9	SLV(E)	-334641.00	2115.54	5542.46	-972502.00	43647.70	112817.00	2-3	111.25	2.906

2458	420.00	9	SLV(E)	-324958.00	1247.05	3267.13	-972502.00	42951.20	110810.00	2-3	111.25	2.993
2459	480.00	9	SLV(E)	-314149.00	586.71	1537.12	-972502.00	42161.20	108530.00	2-3	111.25	3.096
2460	540.00	9	SLV(E)	-302383.00	145.44	381.02	-972502.00	41292.90	106015.00	2-3	111.25	3.216
2461	600.00	9	SLV(E)	-290286.00	-106.19	-278.19	-972502.00	-40390.80	-103389.00	2-3	291.25	3.350
2462	660.00	9	SLV(E)	-278171.00	-216.39	-566.91	-972502.00	-38388.40	-101192.00	2-3	290.63	3.496
2463	720.00	9	SLV(E)	-266094.00	-234.51	-614.40	-972502.00	-37448.90	-98483.00	2-3	290.63	3.655
2464	780.00	9	SLV(E)	-254111.00	-202.16	-529.63	-972502.00	-36491.50	-95715.50	2-3	290.63	3.827
2465	840.00	9	SLV(E)	-242268.00	-149.79	-392.43	-972502.00	-35538.00	-92944.90	2-3	290.63	4.014
2466	900.00	9	SLV(E)	-230608.00	-96.72	-253.38	-972502.00	-34589.40	-90177.30	2-3	290.63	4.217
2467	960.00	9	SLV(E)	-219166.00	-52.96	-138.75	-972502.00	-33558.70	-87463.00	2-3	290.63	4.437
2468	1020.00	9	SLV(E)	-207976.00	-21.93	-57.45	-972502.00	-32416.40	-84823.30	2-3	290.63	4.676
2469	1080.00	9	SLV(E)	-197065.00	-2.96	-7.75	-972502.00	-31264.30	-82166.80	2-3	290.63	4.935
2470	1140.00	9	SLV(E)	-186456.00	6.54	17.12	-972502.00	30981.40	79181.10	2-3	111.25	5.216
2471	1200.00	9	SLV(E)	-176168.00	9.65	25.27	-972502.00	29837.50	76631.40	2-3	111.25	5.520
2472	1260.00	9	SLV(E)	-166217.00	9.12	23.88	-972502.00	28711.80	74142.10	2-3	111.25	5.851
2473	1320.00	9	SLV(E)	-156614.00	6.99	18.31	-972502.00	27609.00	71724.20	2-3	111.25	6.210
2474	1380.00	9	SLV(E)	-147368.00	4.55	11.93	-972502.00	26521.70	69355.00	2-3	111.25	6.599
2475	1440.00	9	SLV(E)	-138484.00	2.49	6.51	-972502.00	25502.90	67004.90	2-3	111.25	7.022
2476	1500.00	9	SLV(E)	-129967.00	1.02	2.68	-972502.00	24653.30	64674.80	2-3	111.25	7.483
2477	1560.00	9	SLV(E)	-121815.00	0.15	0.39	-972502.00					7.983
2478	1620.00	9	SLV(E)	-114029.00	-0.27	-0.71	-972502.00					8.529
2479	1680.00	9	SLV(E)	-106603.00	-0.39	-1.03	-972502.00	-22292.50	-58170.50	2-3	291.25	9.123
2480	1740.00	9	SLV(E)	-99533.80	-0.36	-0.94	-972502.00	-21575.00	-56174.90	2-3	291.25	9.771
2481	1800.00	9	SLV(E)	-92813.50	-0.26	-0.68	-972502.00					10.478
2482	1860.00	9	SLV(E)	-86434.20	-0.16	-0.42	-972502.00					11.251
2483	1920.00	9	SLV(E)	-80386.60	-0.08	-0.20	-972502.00					12.098
2484	1980.00	9	SLV(E)	-74660.30	-0.03	-0.07	-972502.00					13.026
2485	2040.00	9	SLV(E)	-69244.20	0.00	0.01	-972502.00					14.044
2486	2100.00	9	SLV(E)	-64126.30	0.01	0.04	-972502.00					15.165
2487	2160.00	9	SLV(E)	-59294.20	0.02	0.04	-972502.00					16.401
2488	2220.00	9	SLV(E)	-54734.90	0.01	0.03	-972502.00					17.767
2489	2280.00	9	SLV(E)	-50434.80	0.01	0.02	-972502.00					19.282
2490	2340.00	9	SLV(E)	-46380.40	0.00	0.01	-972502.00					20.968
2491	2400.00	9	SLV(E)	-42557.70	0.00	0.00	-972502.00					22.851
2492	2460.00	9	SLV(E)	-38952.40	0.00	0.00	-972502.00					24.966
2493	2520.00	9	SLV(E)	-35550.10	-0.00	-0.00	-972502.00					27.356
2494	2580.00	9	SLV(E)	-32336.50	-0.00	-0.00	-972502.00					30.074
2495	2640.00	9	SLV(E)	-29296.90	-0.00	-0.00	-972502.00					33.195
2496	2700.00	9	SLV(E)	-26416.50	-0.00	-0.00	-972502.00					36.814
2497	2760.00	9	SLV(E)	-23680.50	-0.00	-0.00	-972502.00					41.068
2498	2820.00	9	SLV(E)	-21073.80	-0.00	-0.00	-972502.00					46.147
2499	2880.00	9	SLV(E)	-18581.30	-0.00	-0.00	-972502.00					52.338
2500	2940.00	9	SLV(E)	-16187.30	0.00	0.00	-972502.00					60.078
2501	0.00	11	SLV(E)	-375674.00	6248.87	15852.50	-972502.00	46598.20	120860.00	2-3	111.25	2.589
2502	60.00	11	SLV(E)	-376852.00	6234.55	15816.20	-972502.00	46692.00	121079.00	2-3	111.25	2.581
2503	120.00	11	SLV(E)	-375589.00	5930.95	15046.00	-972502.00	46591.10	120843.00	2-3	111.25	2.589
2504	180.00	11	SLV(E)	-372110.00	5259.45	13342.50	-972502.00	46312.20	120192.00	2-3	111.25	2.613
2505	240.00	11	SLV(E)	-366639.00	4306.29	10924.40	-972502.00	45871.30	119162.00	2-3	111.25	2.652
2506	300.00	11	SLV(E)	-359394.00	3227.95	8188.87	-972502.00	45359.90	117755.00	2-3	111.25	2.706
2507	360.00	11	SLV(E)	-350583.00	2182.09	5535.67	-972502.00	44756.90	116016.00	2-3	111.25	2.774
2508	420.00	11	SLV(E)	-340407.00	1286.91	3264.71	-972502.00	44050.30	113979.00	2-3	111.25	2.857
2509	480.00	11	SLV(E)	-329056.00	606.05	1537.45	-972502.00	43248.60	111667.00	2-3	111.25	2.955
2510	540.00	11	SLV(E)	-316707.00	150.88	382.77	-972502.00	42349.30	109073.00	2-3	111.25	3.071
2511	600.00	11	SLV(E)	-304013.00	-108.80	-276.01	-972502.00	-41413.50	-106364.00	2-3	291.25	3.199
2512	660.00	11	SLV(E)	-291302.00	-222.66	-564.87	-972502.00	-40466.70	-103611.00	2-3	291.25	3.338
2513	720.00	11	SLV(E)	-278634.00	-241.55	-612.78	-972502.00	-39513.50	-100820.00	2-3	291.25	3.490
2514	780.00	11	SLV(E)	-266065.00	-208.33	-528.51	-972502.00	-38538.90	-97996.50	2-3	291.25	3.655
2515	840.00	11	SLV(E)	-253645.00	-154.43	-391.76	-972502.00	-37523.90	-95136.40	2-3	291.25	3.834
2516	900.00	11	SLV(E)	-241417.00	-99.75	-253.05	-972502.00	-36518.10	-92284.90	2-3	291.25	4.028
2517	960.00	11	SLV(E)	-229421.00	-54.65	-138.65	-972502.00	-35521.20	-89444.40	2-3	291.25	4.239
2518	1020.00	11	SLV(E)	-217689.00	-22.65	-57.47	-972502.00	-34325.40	-86711.60	2-3	291.25	4.467
2519	1080.00	11	SLV(E)	-206251.00	-3.09	-7.83	-972502.00	-33128.90	-84008.00	2-3	291.25	4.715
2520	1140.00	11	SLV(E)	-195130.00	6.71	17.03	-972502.00	31930.40	81306.60	2-3	111.25	4.984
2521	1200.00	11	SLV(E)	-184347.00	9.93	25.19	-972502.00	30747.90	78659.20	2-3	111.25	5.275
2522	1260.00	11	SLV(E)	-173917.00	9.39	23.83	-972502.00	29585.10	76071.60	2-3	111.25	5.592
2523	1320.00	11	SLV(E)	-163853.00	7.20	18.27	-972502.00	28442.20	73549.80	2-3	111.25	5.935
2524	1380.00	11	SLV(E)	-154164.00	4.70	11.91	-972502.00	27325.90	71104.40	2-3	111.25	6.308
2525	1440.00	11	SLV(E)	-144856.00	2.56	6.51	-972502.00	26979.70	68355.00	2-3	111.88	6.714
2526	1500.00	11	SLV(E)	-135932.00	1.06	2.68	-972502.00	25906.40	66008.00	2-3	111.88	7.154
2527	1560.00	11	SLV(E)	-127392.00	0.16	0.39	-972502.00					7.634
2528	1620.00	11	SLV(E)	-119234.00	-0.28	-0.70	-972502.00					8.156
2529	1680.00	11	SLV(E)	-111456.00	-0.41	-1.03	-972502.00	-23387.60	-59258.90	2-3	291.88	8.725
2530	1740.00	11	SLV(E)	-104051.00	-0.37	-0.94	-972502.00	-22620.00	-57185.20	2-3	291.88	9.346
2531	1800.00	11	SLV(E)	-97011.80	-0.27	-0.68	-972502.00					10.025
2532	1860.00	11	SLV(E)	-90330.20	-0.16	-0.42	-972502.00					10.766
2533	1920.00	11	SLV(E)	-83996.20	-0.08	-0.20	-972502.00					11.578
2534	1980.00	11	SLV(E)	-77999.00	-0.03	-0.07	-972502.00					12.468
2535	2040.00	11	SLV(E)	-72326.80	0.00	0.01	-972502.00					13.446
2536	2100.00	11	SLV(E)	-66967.10	0.01	0.04	-972502.00					14.522
2537	2160.00	11	SLV(E)	-61906.70	0.02	0.04	-972502.00					15.709
2538	2220.00	11	SLV(E)	-57132.00	0.01	0.03	-972502.00					17.022
2539	2280.00	11	SLV(E)	-52628.70	0.01	0.02	-972502.00					18.479
2540	2340.00	11	SLV(E)	-48382.60	0.00	0.01	-972502.00					20.100
2541	2400.00	11	SLV(E)	-44378.90	0.00	0.00	-972502.00					21.914

2542	2460.00	11	SLV(E)	-40602.60	0.00	0.00	-972502.00						23.952
2543	2520.00	11	SLV(E)	-37038.70	-0.00	-0.00	-972502.00						26.256
2544	2580.00	11	SLV(E)	-33672.00	-0.00	-0.00	-972502.00						28.882
2545	2640.00	11	SLV(E)	-30486.90	-0.00	-0.00	-972502.00						31.899
2546	2700.00	11	SLV(E)	-27468.10	-0.00	-0.00	-972502.00						35.405
2547	2760.00	11	SLV(E)	-24599.90	-0.00	-0.00	-972502.00						39.533
2548	2820.00	11	SLV(E)	-21866.50	-0.00	-0.00	-972502.00						44.475
2549	2880.00	11	SLV(E)	-19251.70	-0.00	-0.00	-972502.00						50.515
2550	2940.00	11	SLV(E)	-16739.30	0.00	0.00	-972502.00						58.097
2551	0.00	13	SLV(E)	-377114.00	4262.73	16498.80	-972502.00	32431.20	126363.00	2-3	104.38		2.579
2552	60.00	13	SLV(E)	-378292.00	4252.91	16460.80	-972502.00	32495.00	126593.00	2-3	104.38		2.571
2553	120.00	13	SLV(E)	-377020.00	4045.77	15659.10	-972502.00	32426.20	126345.00	2-3	104.38		2.579
2554	180.00	13	SLV(E)	-373525.00	3587.68	13886.10	-972502.00	32233.90	125649.00	2-3	104.38		2.604
2555	240.00	13	SLV(E)	-368030.00	2937.47	11369.40	-972502.00	31932.10	124557.00	2-3	104.38		2.642
2556	300.00	13	SLV(E)	-360754.00	2201.88	8522.36	-972502.00	31538.20	123095.00	2-3	104.38		2.696
2557	360.00	13	SLV(E)	-351907.00	1488.46	5761.05	-972502.00	31075.10	121297.00	2-3	104.38		2.764
2558	420.00	13	SLV(E)	-341690.00	877.82	3397.60	-972502.00	30536.40	119200.00	2-3	104.38		2.846
2559	480.00	13	SLV(E)	-330294.00	413.38	1599.99	-972502.00	29930.90	116839.00	2-3	104.38		2.944
2560	540.00	13	SLV(E)	-317896.00	102.91	398.29	-972502.00	29247.40	114170.00	2-3	104.38		3.059
2561	600.00	13	SLV(E)	-305153.00	-74.23	-287.30	-972502.00	-28527.90	-111361.00	2-3	284.38		3.187
2562	660.00	13	SLV(E)	-292392.00	-151.89	-587.90	-972502.00	-27798.20	-108516.00	2-3	284.38		3.326
2563	720.00	13	SLV(E)	-279675.00	-164.77	-637.75	-972502.00	-27060.30	-105648.00	2-3	284.38		3.477
2564	780.00	13	SLV(E)	-267058.00	-142.11	-550.04	-972502.00	-26318.00	-102778.00	2-3	284.38		3.642
2565	840.00	13	SLV(E)	-254589.00	-105.34	-407.71	-972502.00	-25546.00	-99804.00	2-3	284.38		3.820
2566	900.00	13	SLV(E)	-242315.00	-68.04	-263.35	-972502.00	-24774.60	-96845.30	2-3	284.38		4.013
2567	960.00	13	SLV(E)	-230272.00	-37.28	-144.29	-972502.00	-24007.10	-93909.90	2-3	284.38		4.223
2568	1020.00	13	SLV(E)	-218495.00	-15.45	-59.81	-972502.00	-23248.90	-91017.30	2-3	284.38		4.451
2569	1080.00	13	SLV(E)	-207013.00	-2.11	-8.15	-972502.00	-22502.70	-88174.70	2-3	284.38		4.698
2570	1140.00	13	SLV(E)	-195850.00	4.58	17.73	-972502.00	21744.50	85285.90	2-3	104.38		4.966
2571	1200.00	13	SLV(E)	-185026.00	6.77	26.22	-972502.00	21030.20	82435.80	2-3	104.38		5.256
2572	1260.00	13	SLV(E)	-174557.00	6.41	24.80	-972502.00	20465.40	79632.20	2-3	104.38		5.571
2573	1320.00	13	SLV(E)	-164455.00	4.91	19.02	-972502.00	20557.50	76807.80	2-3	105.00		5.913
2574	1380.00	13	SLV(E)	-154729.00	3.20	12.40	-972502.00	19858.90	74206.30	2-3	105.00		6.285
2575	1440.00	13	SLV(E)	-145385.00	1.75	6.77	-972502.00	19180.40	71668.90	2-3	105.00		6.689
2576	1500.00	13	SLV(E)	-136427.00	0.72	2.79	-972502.00	18506.20	69135.80	2-3	105.00		7.128
2577	1560.00	13	SLV(E)	-127855.00	0.11	0.41	-972502.00						7.606
2578	1620.00	13	SLV(E)	-119667.00	-0.19	-0.73	-972502.00						8.127
2579	1680.00	13	SLV(E)	-111859.00	-0.28	-1.07	-972502.00	-15984.10	-62215.90	2-3	284.38		8.694
2580	1740.00	13	SLV(E)	-104426.00	-0.25	-0.98	-972502.00	-15434.80	-60068.30	2-3	284.38		9.313
2581	1800.00	13	SLV(E)	-97360.40	-0.18	-0.71	-972502.00						9.989
2582	1860.00	13	SLV(E)	-90653.70	-0.11	-0.43	-972502.00						10.728
2583	1920.00	13	SLV(E)	-84296.00	-0.05	-0.21	-972502.00						11.537
2584	1980.00	13	SLV(E)	-78276.30	-0.02	-0.07	-972502.00						12.424
2585	2040.00	13	SLV(E)	-72582.90	0.00	0.01	-972502.00						13.399
2586	2100.00	13	SLV(E)	-67203.10	0.01	0.04	-972502.00						14.471
2587	2160.00	13	SLV(E)	-62123.70	0.01	0.04	-972502.00						15.654
2588	2220.00	13	SLV(E)	-57331.00	0.01	0.03	-972502.00						16.963
2589	2280.00	13	SLV(E)	-52810.90	0.01	0.02	-972502.00						18.415
2590	2340.00	13	SLV(E)	-48548.90	0.00	0.01	-972502.00						20.031
2591	2400.00	13	SLV(E)	-44530.10	0.00	0.00	-972502.00						21.839
2592	2460.00	13	SLV(E)	-40739.70	0.00	0.00	-972502.00						23.871
2593	2520.00	13	SLV(E)	-37162.30	-0.00	-0.00	-972502.00						26.169
2594	2580.00	13	SLV(E)	-33782.90	-0.00	-0.00	-972502.00						28.787
2595	2640.00	13	SLV(E)	-30585.80	-0.00	-0.00	-972502.00						31.796
2596	2700.00	13	SLV(E)	-27555.50	-0.00	-0.00	-972502.00						35.292
2597	2760.00	13	SLV(E)	-24676.30	-0.00	-0.00	-972502.00						39.410
2598	2820.00	13	SLV(E)	-21932.30	-0.00	-0.00	-972502.00						44.341
2599	2880.00	13	SLV(E)	-19307.40	-0.00	-0.00	-972502.00						50.370
2600	2940.00	13	SLV(E)	-16785.10	0.00	0.00	-972502.00						57.938
2601	0.00	15	SLV(E)	-394459.00	4440.89	16446.80	-972502.00	34665.00	129443.00	2-3	105.00		2.465
2602	60.00	15	SLV(E)	-395637.00	4431.74	16412.90	-972502.00	34724.70	129664.00	2-3	105.00		2.458
2603	120.00	15	SLV(E)	-394258.00	4216.77	15616.80	-972502.00	34654.90	129405.00	2-3	105.00		2.467
2604	180.00	15	SLV(E)	-390558.00	3739.98	13851.00	-972502.00	34468.00	128712.00	2-3	105.00		2.490
2605	240.00	15	SLV(E)	-384773.00	3062.66	11342.50	-972502.00	34174.30	127622.00	2-3	105.00		2.527
2606	300.00	15	SLV(E)	-377130.00	2296.09	8503.57	-972502.00	33769.80	126117.00	2-3	105.00		2.579
2607	360.00	15	SLV(E)	-367848.00	1552.44	5749.44	-972502.00	33274.20	124269.00	2-3	105.00		2.644
2608	420.00	15	SLV(E)	-357139.00	915.80	3391.66	-972502.00	32697.40	122112.00	2-3	105.00		2.723
2609	480.00	15	SLV(E)	-345201.00	431.50	1598.05	-972502.00	32049.20	119678.00	2-3	105.00		2.817
2610	540.00	15	SLV(E)	-332220.00	107.67	398.76	-972502.00	31336.60	116994.00	2-3	105.00		2.927
2611	600.00	15	SLV(E)	-318880.00	-77.13	-285.65	-972502.00	-30582.10	-114147.00	2-3	285.00		3.050
2612	660.00	15	SLV(E)	-305524.00	-158.21	-585.94	-972502.00	-29803.10	-111208.00	2-3	285.00		3.183
2613	720.00	15	SLV(E)	-292215.00	-171.72	-635.97	-972502.00	-29016.80	-108245.00	2-3	285.00		3.328
2614	780.00	15	SLV(E)	-279011.00	-148.15	-548.66	-972502.00	-28225.20	-105272.00	2-3	285.00		3.486
2615	840.00	15	SLV(E)	-265966.00	-109.84	-406.78	-972502.00	-27431.70	-102305.00	2-3	285.00		3.656
2616	900.00	15	SLV(E)	-253124.00	-70.96	-262.81	-972502.00	-26608.60	-99236.90	2-3	285.00		3.842
2617	960.00	15	SLV(E)	-240526.00	-38.89	-144.04	-972502.00	-25790.70	-96196.60	2-3	285.00		4.043
2618	1020.00	15	SLV(E)	-228208.00	-16.13	-59.74	-972502.00	-24981.30	-93194.70	2-3	285.00		4.261
2619	1080.00	15	SLV(E)	-216199.00	-2.21	-8.19	-972502.00	-24185.00	-90245.80	2-3	285.00		4.498
2620	1140.00	15	SLV(E)	-204524.00	4.77	17.65	-972502.00	23399.70	87339.60	2-3	105.00		4.755
2621	1200.00	15	SLV(E)	-193204.00	7.06	26.14	-972502.00	22603.70	84392.80	2-3	105.00		5.034
2622	1260.00	15	SLV(E)	-182257.00	6.68	24.73	-972502.00	21829.50	81525.30	2-3	105.00		5.336
2623	1320.00	15	SLV(E)	-171694.00	5.12	18.97	-972502.00	21075.90	78732.60	2-3	105.00		5.664
2624	1380.00	15	SLV(E)	-161526.00	3.34	12.37	-972502.00	20347.30	76026.10	2-3	105.00		6.021
2625	1440.00	15	SLV(E)	-151757.00	1.83	6.76	-972502.00	19645.60	73410.10	2-3	105.00		6.408

2626	1500.00	15	SLV(E)	-142392.00	0.75	2.79	-972502.00	18955.80	70826.00	2-3	105.00	6.830
2627	1560.00	15	SLV(E)	-133432.00	0.11	0.41	-972502.00					7.288
2628	1620.00	15	SLV(E)	-124873.00	-0.20	-0.73	-972502.00					7.788
2629	1680.00	15	SLV(E)	-116712.00	-0.29	-1.07	-972502.00	-17015.40	-63508.20	2-3	285.00	8.333
2630	1740.00	15	SLV(E)	-108943.00	-0.26	-0.97	-972502.00	-16422.30	-61266.20	2-3	285.00	8.927
2631	1800.00	15	SLV(E)	-101559.00	-0.19	-0.71	-972502.00					9.576
2632	1860.00	15	SLV(E)	-94549.60	-0.12	-0.43	-972502.00					10.286
2633	1920.00	15	SLV(E)	-87905.60	-0.06	-0.21	-972502.00					11.063
2634	1980.00	15	SLV(E)	-81615.00	-0.02	-0.07	-972502.00					11.916
2635	2040.00	15	SLV(E)	-75665.50	0.00	0.01	-972502.00					12.853
2636	2100.00	15	SLV(E)	-70043.90	0.01	0.04	-972502.00					13.884
2637	2160.00	15	SLV(E)	-64736.20	0.01	0.04	-972502.00					15.023
2638	2220.00	15	SLV(E)	-59728.20	0.01	0.03	-972502.00					16.282
2639	2280.00	15	SLV(E)	-55004.80	0.01	0.02	-972502.00					17.680
2640	2340.00	15	SLV(E)	-50551.10	0.00	0.01	-972502.00					19.238
2641	2400.00	15	SLV(E)	-46351.30	0.00	0.00	-972502.00					20.981
2642	2460.00	15	SLV(E)	-42389.90	0.00	0.00	-972502.00					22.942
2643	2520.00	15	SLV(E)	-38650.90	-0.00	-0.00	-972502.00					25.161
2644	2580.00	15	SLV(E)	-35118.30	-0.00	-0.00	-972502.00					27.692
2645	2640.00	15	SLV(E)	-31775.80	-0.00	-0.00	-972502.00					30.605
2646	2700.00	15	SLV(E)	-28607.10	-0.00	-0.00	-972502.00					33.995
2647	2760.00	15	SLV(E)	-25595.70	-0.00	-0.00	-972502.00					37.995
2648	2820.00	15	SLV(E)	-22724.90	-0.00	-0.00	-972502.00					42.794
2649	2880.00	15	SLV(E)	-19977.80	-0.00	-0.00	-972502.00					48.679
2650	2940.00	15	SLV(E)	-17337.10	0.00	0.00	-972502.00					56.094
2701	0.00	1	SLV(E)	-351151.00	13381.30	10504.50	-972502.00	98397.40	76073.50	2-3	142.50	2.769
2702	60.00	1	SLV(E)	-352329.00	13341.10	10473.00	-972502.00	98585.90	76231.80	2-3	142.50	2.760
2703	120.00	1	SLV(E)	-351217.00	12683.70	9956.88	-972502.00	98407.00	76081.70	2-3	142.50	2.769
2704	180.00	1	SLV(E)	-348027.00	11241.80	8825.00	-972502.00	97892.70	75650.40	2-3	142.50	2.794
2705	240.00	1	SLV(E)	-342967.00	9200.16	7222.28	-972502.00	97073.30	74962.10	2-3	142.50	2.836
2706	300.00	1	SLV(E)	-336240.00	6893.09	5411.18	-972502.00	95978.50	74041.10	2-3	142.50	2.892
2707	360.00	1	SLV(E)	-328044.00	4657.14	3655.93	-972502.00	93865.50	73923.50	2-3	141.88	2.965
2708	420.00	1	SLV(E)	-318564.00	2744.42	2154.41	-972502.00	92267.90	72550.90	2-3	141.88	3.053
2709	480.00	1	SLV(E)	-307979.00	1290.41	1012.99	-972502.00	90460.40	70996.10	2-3	141.88	3.158
2710	540.00	1	SLV(E)	-296455.00	318.99	250.41	-972502.00	88471.40	69280.80	2-3	141.88	3.280
2711	600.00	1	SLV(E)	-284605.00	-234.73	-184.27	-972502.00	-85699.00	-68454.00	2-3	321.25	3.417
2712	660.00	1	SLV(E)	-272736.00	-477.07	-374.50	-972502.00	-83613.40	-66618.80	2-3	321.25	3.566
2713	720.00	1	SLV(E)	-260905.00	-516.71	-405.63	-972502.00	-81441.50	-64759.40	2-3	321.25	3.727
2714	780.00	1	SLV(E)	-249164.00	-445.28	-349.55	-972502.00	-79249.60	-62891.20	2-3	321.25	3.903
2715	840.00	1	SLV(E)	-237560.00	-329.85	-258.94	-972502.00	-77052.40	-61017.00	2-3	321.25	4.094
2716	900.00	1	SLV(E)	-226134.00	-212.92	-167.15	-972502.00	-74828.30	-59189.60	2-3	321.25	4.301
2717	960.00	1	SLV(E)	-214922.00	-116.56	-91.50	-972502.00	-72519.50	-57514.80	2-3	321.25	4.525
2718	1020.00	1	SLV(E)	-203957.00	-48.22	-37.85	-972502.00	-70202.50	-55837.80	2-3	321.25	4.768
2719	1080.00	1	SLV(E)	-193264.00	-6.47	-5.08	-972502.00	-67892.10	-54172.50	2-3	321.25	5.032
2720	1140.00	1	SLV(E)	-182867.00	14.42	11.32	-972502.00	66161.30	51782.80	2-3	141.88	5.318
2721	1200.00	1	SLV(E)	-172784.00	21.26	16.69	-972502.00	63919.40	50205.30	2-3	141.88	5.628
2722	1260.00	1	SLV(E)	-163030.00	20.08	15.77	-972502.00	61719.80	48661.40	2-3	141.88	5.965
2723	1320.00	1	SLV(E)	-153618.00	15.39	12.08	-972502.00	60084.50	46467.00	2-3	142.50	6.331
2724	1380.00	1	SLV(E)	-144555.00	10.02	7.87	-972502.00	57956.80	45006.40	2-3	142.50	6.728
2725	1440.00	1	SLV(E)	-135847.00	5.47	4.29	-972502.00	55878.70	43582.60	2-3	142.50	7.159
2726	1500.00	1	SLV(E)	-127498.00	2.25	1.77	-972502.00	53945.20	42105.80	2-3	142.50	7.628
2727	1560.00	1	SLV(E)	-119507.00	0.33	0.26	-972502.00					8.138
2728	1620.00	1	SLV(E)	-111874.00	-0.60	-0.47	-972502.00					8.693
2729	1680.00	1	SLV(E)	-104595.00	-0.87	-0.68	-972502.00	-48695.10	-37791.20	2-3	322.50	9.298
2730	1740.00	1	SLV(E)	-97664.30	-0.79	-0.62	-972502.00	-47088.00	-36464.10	2-3	322.50	9.958
2731	1800.00	1	SLV(E)	-91076.00	-0.58	-0.45	-972502.00					10.678
2732	1860.00	1	SLV(E)	-84821.80	-0.35	-0.27	-972502.00					11.465
2733	1920.00	1	SLV(E)	-78892.70	-0.17	-0.13	-972502.00					12.327
2734	1980.00	1	SLV(E)	-73278.50	-0.06	-0.04	-972502.00					13.271
2735	2040.00	1	SLV(E)	-67968.40	0.01	0.01	-972502.00					14.308
2736	2100.00	1	SLV(E)	-62950.60	0.03	0.02	-972502.00					15.449
2737	2160.00	1	SLV(E)	-58213.00	0.03	0.03	-972502.00					16.706
2738	2220.00	1	SLV(E)	-53742.80	0.03	0.02	-972502.00					18.096
2739	2280.00	1	SLV(E)	-49526.80	0.02	0.01	-972502.00					19.636
2740	2340.00	1	SLV(E)	-45551.80	0.01	0.01	-972502.00					21.349
2741	2400.00	1	SLV(E)	-41803.90	0.00	0.00	-972502.00					23.263
2742	2460.00	1	SLV(E)	-38269.40	0.00	0.00	-972502.00					25.412
2743	2520.00	1	SLV(E)	-34934.10	-0.00	-0.00	-972502.00					27.838
2744	2580.00	1	SLV(E)	-31783.80	-0.00	-0.00	-972502.00					30.597
2745	2640.00	1	SLV(E)	-28804.40	-0.00	-0.00	-972502.00					33.762
2746	2700.00	1	SLV(E)	-25981.30	-0.00	-0.00	-972502.00					37.431
2747	2760.00	1	SLV(E)	-23300.00	-0.00	-0.00	-972502.00					41.738
2748	2820.00	1	SLV(E)	-20745.80	-0.00	-0.00	-972502.00					46.877
2749	2880.00	1	SLV(E)	-18303.80	-0.00	-0.00	-972502.00					53.131
2750	2940.00	1	SLV(E)	-15958.90	0.00	0.00	-972502.00					60.938
2751	0.00	3	SLV(E)	-365905.00	13177.80	10792.80	-972502.00	99162.90	80209.40	2-3	141.25	2.658
2752	60.00	3	SLV(E)	-367083.00	13144.20	10765.30	-972502.00	99357.60	80355.10	2-3	141.25	2.649
2753	120.00	3	SLV(E)	-365880.00	12501.30	10238.80	-972502.00	99157.90	80205.60	2-3	141.25	2.658
2754	180.00	3	SLV(E)	-362516.00	11083.80	9077.86	-972502.00	98625.50	79762.40	2-3	141.25	2.683
2755	240.00	3	SLV(E)	-357209.00	9073.59	7431.43	-972502.00	97792.10	79038.70	2-3	141.25	2.723
2756	300.00	3	SLV(E)	-350170.00	6800.31	5569.57	-972502.00	96681.30	78072.60	2-3	141.25	2.777
2757	360.00	3	SLV(E)	-341604.00	4596.08	3764.26	-972502.00	95313.40	76880.40	2-3	141.25	2.847
2758	420.00	3	SLV(E)	-331706.00	2709.80	2219.37	-972502.00	93716.50	75485.40	2-3	141.25	2.932
2759	480.00	3	SLV(E)	-320660.00	1275.40	1044.58	-972502.00	91115.20	74881.80	2-3	140.63	3.033

2760	540.00	3	SLV(E)	-308639.00	316.71	259.39	-972502.00	89100.00	73084.00	2-3	140.63	3.151
2761	600.00	3	SLV(E)	-296282.00	-230.07	-188.43	-972502.00	-87000.20	-71206.80	2-3	320.63	3.282
2762	660.00	3	SLV(E)	-283906.00	-469.65	-384.65	-972502.00	-84862.10	-69294.10	2-3	320.63	3.425
2763	720.00	3	SLV(E)	-271571.00	-509.20	-417.04	-972502.00	-82690.80	-67392.40	2-3	320.63	3.581
2764	780.00	3	SLV(E)	-259332.00	-439.04	-359.58	-972502.00	-79734.40	-66377.20	2-3	320.00	3.750
2765	840.00	3	SLV(E)	-247237.00	-325.36	-266.48	-972502.00	-77499.60	-64410.50	2-3	320.00	3.933
2766	900.00	3	SLV(E)	-235329.00	-210.11	-172.08	-972502.00	-75267.10	-62445.40	2-3	320.00	4.133
2767	960.00	3	SLV(E)	-223645.00	-115.08	-94.26	-972502.00	-73052.10	-60495.10	2-3	320.00	4.348
2768	1020.00	3	SLV(E)	-212219.00	-47.67	-39.04	-972502.00	-70767.50	-58687.10	2-3	320.00	4.583
2769	1080.00	3	SLV(E)	-201077.00	-6.46	-5.29	-972502.00	-68422.40	-56934.10	2-3	320.00	4.836
2770	1140.00	3	SLV(E)	-190245.00	14.17	11.61	-972502.00	66668.60	54454.60	2-3	140.63	5.112
2771	1200.00	3	SLV(E)	-179741.00	20.94	17.15	-972502.00	64377.30	52783.80	2-3	140.63	5.411
2772	1260.00	3	SLV(E)	-169580.00	19.80	16.21	-972502.00	62667.10	50427.20	2-3	141.25	5.735
2773	1320.00	3	SLV(E)	-159776.00	15.18	12.43	-972502.00	60460.00	48854.70	2-3	141.25	6.087
2774	1380.00	3	SLV(E)	-150336.00	9.89	8.10	-972502.00	58315.10	47332.60	2-3	141.25	6.469
2775	1440.00	3	SLV(E)	-141267.00	5.40	4.42	-972502.00	56186.10	45820.30	2-3	141.25	6.884
2776	1500.00	3	SLV(E)	-132572.00	2.22	1.82	-972502.00	54254.90	44201.70	2-3	141.25	7.336
2777	1560.00	3	SLV(E)	-124251.00	0.33	0.27	-972502.00					7.827
2778	1620.00	3	SLV(E)	-116302.00	-0.59	-0.48	-972502.00					8.362
2779	1680.00	3	SLV(E)	-108723.00	-0.85	-0.70	-972502.00	-48885.40	-39635.20	2-3	321.25	8.945
2780	1740.00	3	SLV(E)	-101507.00	-0.78	-0.64	-972502.00	-47238.40	-38228.00	2-3	321.25	9.581
2781	1800.00	3	SLV(E)	-94647.20	-0.57	-0.46	-972502.00					10.275
2782	1860.00	3	SLV(E)	-88135.90	-0.35	-0.28	-972502.00					11.034
2783	1920.00	3	SLV(E)	-81963.20	-0.17	-0.14	-972502.00					11.865
2784	1980.00	3	SLV(E)	-76118.60	-0.05	-0.05	-972502.00					12.776
2785	2040.00	3	SLV(E)	-70590.60	0.01	0.01	-972502.00					13.777
2786	2100.00	3	SLV(E)	-65367.10	0.03	0.03	-972502.00					14.877
2787	2160.00	3	SLV(E)	-60435.30	0.03	0.03	-972502.00					16.092
2788	2220.00	3	SLV(E)	-55781.90	0.03	0.02	-972502.00					17.434
2789	2280.00	3	SLV(E)	-51393.10	0.02	0.01	-972502.00					18.923
2790	2340.00	3	SLV(E)	-47254.90	0.01	0.01	-972502.00					20.580
2791	2400.00	3	SLV(E)	-43353.10	0.00	0.00	-972502.00					22.432
2792	2460.00	3	SLV(E)	-39673.20	0.00	0.00	-972502.00					24.513
2793	2520.00	3	SLV(E)	-36200.30	-0.00	-0.00	-972502.00					26.864
2794	2580.00	3	SLV(E)	-32919.80	-0.00	-0.00	-972502.00					29.542
2795	2640.00	3	SLV(E)	-29816.70	-0.00	-0.00	-972502.00					32.616
2796	2700.00	3	SLV(E)	-26875.80	-0.00	-0.00	-972502.00					36.185
2797	2760.00	3	SLV(E)	-24082.10	-0.00	-0.00	-972502.00					40.383
2798	2820.00	3	SLV(E)	-21420.00	-0.00	-0.00	-972502.00					45.402
2799	2880.00	3	SLV(E)	-18874.10	-0.00	-0.00	-972502.00					51.526
2800	2940.00	3	SLV(E)	-16428.40	0.00	0.00	-972502.00					59.196
2801	0.00	5	SLV(E)	-386883.00	14341.90	9201.38	-972502.00	110799.00	70681.10	2-3	147.50	2.514
2802	60.00	5	SLV(E)	-388061.00	14311.70	9181.96	-972502.00	110997.00	70805.30	2-3	147.50	2.506
2803	120.00	5	SLV(E)	-386728.00	13616.80	8736.18	-972502.00	110772.00	70664.20	2-3	147.50	2.515
2804	180.00	5	SLV(E)	-383118.00	12076.70	7748.08	-972502.00	110164.00	70283.90	2-3	147.50	2.538
2805	240.00	5	SLV(E)	-377460.00	9889.25	6344.67	-972502.00	109197.00	69680.40	2-3	147.50	2.576
2806	300.00	5	SLV(E)	-369977.00	7413.79	4756.48	-972502.00	107911.00	68877.80	2-3	147.50	2.629
2807	360.00	5	SLV(E)	-360885.00	5012.42	3215.82	-972502.00	106330.00	67893.10	2-3	147.50	2.695
2808	420.00	5	SLV(E)	-350391.00	2956.71	1896.94	-972502.00	104475.00	66740.90	2-3	147.50	2.775
2809	480.00	5	SLV(E)	-338689.00	1392.96	893.68	-972502.00	102373.00	65437.30	2-3	147.50	2.871
2810	540.00	5	SLV(E)	-325963.00	347.41	222.89	-972502.00	100023.00	63981.60	2-3	147.50	2.983
2811	600.00	5	SLV(E)	-312884.00	-249.23	-159.90	-972502.00	-97561.30	-62425.90	2-3	327.50	3.108
2812	660.00	5	SLV(E)	-299788.00	-510.97	-327.83	-972502.00	-95163.00	-60684.20	2-3	327.50	3.244
2813	720.00	5	SLV(E)	-286737.00	-554.54	-355.78	-972502.00	-92739.70	-58915.90	2-3	327.50	3.392
2814	780.00	5	SLV(E)	-273790.00	-478.38	-306.92	-972502.00	-90283.80	-57154.20	2-3	327.50	3.552
2815	840.00	5	SLV(E)	-260997.00	-354.66	-227.54	-972502.00	-87667.60	-55516.10	2-3	327.50	3.726
2816	900.00	5	SLV(E)	-248402.00	-229.12	-147.00	-972502.00	-85060.30	-53880.70	2-3	327.50	3.915
2817	960.00	5	SLV(E)	-236047.00	-125.57	-80.56	-972502.00	-82463.10	-52249.70	2-3	327.50	4.120
2818	1020.00	5	SLV(E)	-223965.00	-52.07	-33.41	-972502.00	-79891.00	-50633.40	2-3	327.50	4.342
2819	1080.00	5	SLV(E)	-212187.00	-7.13	-4.57	-972502.00	-77352.70	-49038.10	2-3	327.50	4.583
2820	1140.00	5	SLV(E)	-200735.00	15.40	9.88	-972502.00	74803.80	47436.90	2-3	147.50	4.845
2821	1200.00	5	SLV(E)	-189632.00	22.79	14.62	-972502.00	72296.00	45863.00	2-3	147.50	5.128
2822	1260.00	5	SLV(E)	-178893.00	21.57	13.84	-972502.00	69833.20	44350.90	2-3	147.50	5.436
2823	1320.00	5	SLV(E)	-168532.00	16.54	10.61	-972502.00	67417.10	42890.70	2-3	147.50	5.770
2824	1380.00	5	SLV(E)	-158557.00	10.79	6.92	-972502.00	65062.40	41474.70	2-3	147.50	6.133
2825	1440.00	5	SLV(E)	-148974.00	5.89	3.78	-972502.00	62755.40	40092.50	2-3	147.50	6.528
2826	1500.00	5	SLV(E)	-139787.00	2.43	1.56	-972502.00	60489.30	38741.90	2-3	147.50	6.957
2827	1560.00	5	SLV(E)	-130996.00	0.36	0.23	-972502.00					7.424
2828	1620.00	5	SLV(E)	-122599.00	-0.64	-0.41	-972502.00					7.932
2829	1680.00	5	SLV(E)	-114592.00	-0.93	-0.60	-972502.00	-54181.30	-34939.80	2-3	327.50	8.487
2830	1740.00	5	SLV(E)	-106970.00	-0.85	-0.54	-972502.00	-52240.30	-33757.70	2-3	327.50	9.091
2831	1800.00	5	SLV(E)	-99724.90	-0.62	-0.40	-972502.00					9.752
2832	1860.00	5	SLV(E)	-92847.90	-0.38	-0.24	-972502.00					10.474
2833	1920.00	5	SLV(E)	-86328.90	-0.19	-0.12	-972502.00					11.265
2834	1980.00	5	SLV(E)	-80156.70	-0.06	-0.04	-972502.00					12.133
2835	2040.00	5	SLV(E)	-74319.00	0.01	0.00	-972502.00					13.085
2836	2100.00	5	SLV(E)	-68803.00	0.03	0.02	-972502.00					14.135
2837	2160.00	5	SLV(E)	-63595.10	0.04	0.02	-972502.00					15.292
2838	2220.00	5	SLV(E)	-58681.10	0.03	0.02	-972502.00					16.573
2839	2280.00	5	SLV(E)	-54046.50	0.02	0.01	-972502.00					17.994
2840	2340.00	5	SLV(E)	-49676.50	0.01	0.01	-972502.00					19.577
2841	2400.00	5	SLV(E)	-45555.80	0.00	0.00	-972502.00					21.348
2842	2460.00	5	SLV(E)	-41669.10	0.00	0.00	-972502.00					23.339
2843	2520.00	5	SLV(E)	-38000.70	-0.00	-0.00	-972502.00					25.592

3012	660.00	13	SLV(E)	-306406.00	-473.00	-380.24	-972502.00	-89465.30	-71762.60	2-3	321.25	3.174
3013	720.00	13	SLV(E)	-293057.00	-513.39	-412.72	-972502.00	-87170.70	-69747.90	2-3	321.25	3.318
3014	780.00	13	SLV(E)	-279815.00	-442.92	-356.06	-972502.00	-84860.10	-67716.00	2-3	321.25	3.476
3015	840.00	13	SLV(E)	-266730.00	-328.39	-263.99	-972502.00	-82521.40	-65679.20	2-3	321.25	3.646
3016	900.00	13	SLV(E)	-253850.00	-212.16	-170.56	-972502.00	-80127.20	-63639.40	2-3	321.25	3.831
3017	960.00	13	SLV(E)	-241215.00	-116.28	-93.48	-972502.00	-77748.70	-61611.20	2-3	321.25	4.032
3018	1020.00	13	SLV(E)	-228860.00	-48.23	-38.77	-972502.00	-75388.20	-59597.60	2-3	321.25	4.249
3019	1080.00	13	SLV(E)	-216816.00	-6.61	-5.31	-972502.00	-72910.90	-57797.80	2-3	321.25	4.485
3020	1140.00	13	SLV(E)	-205107.00	14.25	11.45	-972502.00	70448.50	56016.10	2-3	141.25	4.741
3021	1200.00	13	SLV(E)	-193754.00	21.10	16.96	-972502.00	67999.20	54249.60	2-3	141.25	5.019
3022	1260.00	13	SLV(E)	-182774.00	19.97	16.05	-972502.00	65596.80	52522.60	2-3	141.25	5.321
3023	1320.00	13	SLV(E)	-172181.00	15.32	12.31	-972502.00	63250.10	50844.10	2-3	141.25	5.648
3024	1380.00	13	SLV(E)	-161982.00	9.99	8.03	-972502.00	60958.60	49209.20	2-3	141.25	6.004
3025	1440.00	13	SLV(E)	-152185.00	5.46	4.39	-972502.00	58741.60	47635.10	2-3	141.25	6.390
3026	1500.00	13	SLV(E)	-142793.00	2.25	1.81	-972502.00	56545.70	46075.90	2-3	141.25	6.811
3027	1560.00	13	SLV(E)	-133806.00	0.33	0.27	-972502.00					7.268
3028	1620.00	13	SLV(E)	-125222.00	-0.59	-0.47	-972502.00					7.766
3029	1680.00	13	SLV(E)	-117038.00	-0.86	-0.69	-972502.00	-50769.70	-41241.80	2-3	321.25	8.309
3030	1740.00	13	SLV(E)	-109247.00	-0.79	-0.63	-972502.00	-49004.60	-39736.80	2-3	321.25	8.902
3031	1800.00	13	SLV(E)	-101841.00	-0.57	-0.46	-972502.00					9.549
3032	1860.00	13	SLV(E)	-94811.40	-0.35	-0.28	-972502.00					10.257
3033	1920.00	13	SLV(E)	-88148.10	-0.17	-0.14	-972502.00					11.033
3034	1980.00	13	SLV(E)	-81839.30	-0.06	-0.04	-972502.00					11.883
3035	2040.00	13	SLV(E)	-75872.60	0.01	0.01	-972502.00					12.818
3036	2100.00	13	SLV(E)	-70234.70	0.03	0.03	-972502.00					13.847
3037	2160.00	13	SLV(E)	-64911.70	0.03	0.03	-972502.00					14.982
3038	2220.00	13	SLV(E)	-59889.20	0.03	0.02	-972502.00					16.238
3039	2280.00	13	SLV(E)	-55152.30	0.02	0.01	-972502.00					17.633
3040	2340.00	13	SLV(E)	-50685.60	0.01	0.01	-972502.00					19.187
3041	2400.00	13	SLV(E)	-46473.70	0.00	0.00	-972502.00					20.926
3042	2460.00	13	SLV(E)	-42500.80	0.00	0.00	-972502.00					22.882
3043	2520.00	13	SLV(E)	-38750.90	-0.00	-0.00	-972502.00					25.096
3044	2580.00	13	SLV(E)	-35208.00	-0.00	-0.00	-972502.00					27.622
3045	2640.00	13	SLV(E)	-31855.80	-0.00	-0.00	-972502.00					30.528
3046	2700.00	13	SLV(E)	-28677.80	-0.00	-0.00	-972502.00					33.911
3047	2760.00	13	SLV(E)	-25657.50	-0.00	-0.00	-972502.00					37.903
3048	2820.00	13	SLV(E)	-22778.20	-0.00	-0.00	-972502.00					42.694
3049	2880.00	13	SLV(E)	-20022.80	-0.00	-0.00	-972502.00					48.570
3050	2940.00	13	SLV(E)	-17374.20	0.00	0.00	-972502.00					55.974
3051	0.00	15	SLV(E)	-406344.00	13564.80	10282.20	-972502.00	107355.00	82601.50	2-3	142.50	2.393
3052	60.00	15	SLV(E)	-407522.00	13538.00	10261.80	-972502.00	107537.00	82732.30	2-3	142.50	2.386
3053	120.00	15	SLV(E)	-406069.00	12882.20	9764.75	-972502.00	107312.00	82570.50	2-3	142.50	2.395
3054	180.00	15	SLV(E)	-402230.00	11426.30	8661.15	-972502.00	106721.00	82143.80	2-3	142.50	2.418
3055	240.00	15	SLV(E)	-396246.00	9357.44	7092.97	-972502.00	105788.00	81471.50	2-3	142.50	2.454
3056	300.00	15	SLV(E)	-388351.00	7015.71	5317.93	-972502.00	104535.00	80567.10	2-3	142.50	2.504
3057	360.00	15	SLV(E)	-378772.00	4743.77	3595.79	-972502.00	102978.00	79443.10	2-3	142.50	2.568
3058	420.00	15	SLV(E)	-367725.00	2798.65	2121.39	-972502.00	101994.00	76971.20	2-3	143.13	2.645
3059	480.00	15	SLV(E)	-355416.00	1318.87	999.71	-972502.00	99916.10	75498.20	2-3	143.13	2.736
3060	540.00	15	SLV(E)	-342035.00	329.36	249.66	-972502.00	97684.80	73778.20	2-3	143.13	2.843
3061	600.00	15	SLV(E)	-328286.00	-235.40	-178.43	-972502.00	-94654.50	-72926.20	2-3	322.50	2.962
3062	660.00	15	SLV(E)	-314521.00	-483.24	-366.30	-972502.00	-92310.70	-70949.70	2-3	322.50	3.092
3063	720.00	15	SLV(E)	-300807.00	-524.59	-397.64	-972502.00	-89939.50	-68945.10	2-3	322.50	3.233
3064	780.00	15	SLV(E)	-287202.00	-452.62	-343.09	-972502.00	-87550.90	-66921.50	2-3	322.50	3.386
3065	840.00	15	SLV(E)	-273761.00	-335.60	-254.38	-972502.00	-85157.30	-64889.70	2-3	322.50	3.552
3066	900.00	15	SLV(E)	-260531.00	-216.84	-164.36	-972502.00	-82722.30	-62822.00	2-3	322.50	3.733
3067	960.00	15	SLV(E)	-247553.00	-118.86	-90.09	-972502.00	-80281.40	-60768.40	2-3	322.50	3.928
3068	1020.00	15	SLV(E)	-234863.00	-49.31	-37.37	-972502.00	-77807.80	-58803.60	2-3	322.50	4.141
3069	1080.00	15	SLV(E)	-222493.00	-6.77	-5.13	-972502.00	-75255.30	-57008.10	2-3	322.50	4.371
3070	1140.00	15	SLV(E)	-210467.00	14.55	11.03	-972502.00	72737.60	55243.40	2-3	142.50	4.621
3071	1200.00	15	SLV(E)	-198808.00	21.56	16.34	-972502.00	70209.90	53476.10	2-3	142.50	4.892
3072	1260.00	15	SLV(E)	-187533.00	20.40	15.47	-972502.00	67737.00	51754.40	2-3	142.50	5.186
3073	1320.00	15	SLV(E)	-176655.00	15.65	11.86	-972502.00	65313.20	50071.80	2-3	142.50	5.505
3074	1380.00	15	SLV(E)	-166183.00	10.21	7.74	-972502.00	62955.50	48443.40	2-3	142.50	5.852
3075	1440.00	15	SLV(E)	-156124.00	5.58	4.23	-972502.00	61164.70	46159.20	2-3	143.13	6.229
3076	1500.00	15	SLV(E)	-146480.00	2.30	1.74	-972502.00	58910.10	44637.10	2-3	143.13	6.639
3077	1560.00	15	SLV(E)	-137253.00	0.34	0.26	-972502.00					7.085
3078	1620.00	15	SLV(E)	-128440.00	-0.60	-0.46	-972502.00					7.572
3079	1680.00	15	SLV(E)	-120037.00	-0.88	-0.67	-972502.00	-53029.60	-39599.40	2-3	323.75	8.102
3080	1740.00	15	SLV(E)	-112038.00	-0.80	-0.61	-972502.00	-51168.30	-38126.30	2-3	323.75	8.680
3081	1800.00	15	SLV(E)	-104435.00	-0.59	-0.44	-972502.00					9.312
3082	1860.00	15	SLV(E)	-97219.20	-0.36	-0.27	-972502.00					10.003
3083	1920.00	15	SLV(E)	-90379.00	-0.18	-0.13	-972502.00					10.760
3084	1980.00	15	SLV(E)	-83902.80	-0.06	-0.04	-972502.00					11.591
3085	2040.00	15	SLV(E)	-77777.80	0.01	0.01	-972502.00					12.504
3086	2100.00	15	SLV(E)	-71990.40	0.03	0.02	-972502.00					13.509
3087	2160.00	15	SLV(E)	-66526.40	0.03	0.03	-972502.00					14.618
3088	2220.00	15	SLV(E)	-61370.70	0.03	0.02	-972502.00					15.846
3089	2280.00	15	SLV(E)	-56508.20	0.02	0.01	-972502.00					17.210
3090	2340.00	15	SLV(E)	-51923.00	0.01	0.01	-972502.00					18.730
3091	2400.00	15	SLV(E)	-47599.30	0.00	0.00	-972502.00					20.431
3092	2460.00	15	SLV(E)	-43520.70	0.00	0.00	-972502.00					22.346
3093	2520.00	15	SLV(E)	-39670.90	-0.00	-0.00	-972502.00					24.514
3094	2580.00	15	SLV(E)	-36033.40	-0.00	-0.00	-972502.00					26.989
3095	2640.00	15	SLV(E)	-32591.20	-0.00	-0.00	-972502.00					29.839

3230	1740.00	3	SLV(E)	-106613.00	-1.01	-0.06	-972502.00	-61987.80	-3874.58	2-3	356.88	9.122
3231	1800.00	3	SLV(E)	-99393.10	-0.73	-0.04	-972502.00					9.784
3232	1860.00	3	SLV(E)	-92540.00	-0.45	-0.03	-972502.00					10.509
3233	1920.00	3	SLV(E)	-86043.60	-0.22	-0.01	-972502.00					11.302
3234	1980.00	3	SLV(E)	-79892.80	-0.07	-0.00	-972502.00					12.173
3235	2040.00	3	SLV(E)	-74075.40	0.01	0.00	-972502.00					13.129
3236	2100.00	3	SLV(E)	-68578.50	0.04	0.00	-972502.00					14.181
3237	2160.00	3	SLV(E)	-63388.60	0.04	0.00	-972502.00					15.342
3238	2220.00	3	SLV(E)	-58491.70	0.03	0.00	-972502.00					16.626
3239	2280.00	3	SLV(E)	-53873.20	0.02	0.00	-972502.00					18.052
3240	2340.00	3	SLV(E)	-49518.30	0.01	0.00	-972502.00					19.639
3241	2400.00	3	SLV(E)	-45411.90	0.00	0.00	-972502.00					21.415
3242	2460.00	3	SLV(E)	-41538.70	0.00	0.00	-972502.00					23.412
3243	2520.00	3	SLV(E)	-37883.10	-0.00	-0.00	-972502.00					25.671
3244	2580.00	3	SLV(E)	-34429.40	-0.00	-0.00	-972502.00					28.246
3245	2640.00	3	SLV(E)	-31161.90	-0.00	-0.00	-972502.00					31.208
3246	2700.00	3	SLV(E)	-28064.60	-0.00	-0.00	-972502.00					34.652
3247	2760.00	3	SLV(E)	-25121.40	-0.00	-0.00	-972502.00					38.712
3248	2820.00	3	SLV(E)	-22316.10	-0.00	-0.00	-972502.00					43.579
3249	2880.00	3	SLV(E)	-19632.00	-0.00	-0.00	-972502.00					49.537
3250	2940.00	3	SLV(E)	-17052.40	0.00	0.00	-972502.00					57.030
3251	0.00	5	SLV(E)	-367275.00	17005.00	-1000.54	-972502.00	127210.00	-8573.38	2-3	183.75	2.648
3252	60.00	5	SLV(E)	-368453.00	16962.80	-998.06	-972502.00	127451.00	-8585.67	2-3	183.75	2.639
3253	120.00	5	SLV(E)	-367242.00	16134.20	-949.31	-972502.00	127204.00	-8573.07	2-3	183.75	2.648
3254	180.00	5	SLV(E)	-363862.00	14305.60	-841.71	-972502.00	126513.00	-8537.75	2-3	183.75	2.673
3255	240.00	5	SLV(E)	-358532.00	11711.60	-689.09	-972502.00	125497.00	-7072.99	2-3	183.13	2.712
3256	300.00	5	SLV(E)	-351464.00	8777.79	-516.47	-972502.00	124027.00	-7009.50	2-3	183.13	2.767
3257	360.00	5	SLV(E)	-342864.00	5932.92	-349.08	-972502.00	122219.00	-6930.66	2-3	183.13	2.836
3258	420.00	5	SLV(E)	-332926.00	3498.28	-205.83	-972502.00	120094.00	-6837.14	2-3	183.13	2.921
3259	480.00	5	SLV(E)	-321837.00	1646.77	-96.89	-972502.00	117654.00	-6728.75	2-3	183.13	3.022
3260	540.00	5	SLV(E)	-309771.00	409.23	-24.08	-972502.00	114900.00	-7681.45	2-3	183.75	3.139
3261	600.00	5	SLV(E)	-297366.00	-296.65	17.45	-972502.00	-112104.00	7322.56	2-3	3.75	3.270
3262	660.00	5	SLV(E)	-284943.00	-606.02	35.66	-972502.00	-109264.00	6953.58	2-3	3.75	3.413
3263	720.00	5	SLV(E)	-272562.00	-657.15	38.67	-972502.00	-106389.00	6577.32	2-3	3.75	3.568
3264	780.00	5	SLV(E)	-260277.00	-566.65	33.34	-972502.00	-103429.00	6305.57	2-3	3.75	3.736
3265	840.00	5	SLV(E)	-248136.00	-419.96	24.71	-972502.00	-100463.00	6147.15	2-3	3.75	3.919
3266	900.00	5	SLV(E)	-236183.00	-271.22	15.96	-972502.00	-97500.80	5992.76	2-3	3.75	4.118
3267	960.00	5	SLV(E)	-224455.00	-148.57	8.74	-972502.00	-94554.40	5842.23	2-3	3.75	4.333
3268	1020.00	5	SLV(E)	-212986.00	-61.55	3.62	-972502.00	-91643.50	5696.50	2-3	3.75	4.566
3269	1080.00	5	SLV(E)	-201803.00	-8.36	0.49	-972502.00	-88710.30	5550.98	2-3	3.75	4.819
3270	1140.00	5	SLV(E)	-190930.00	18.28	-1.08	-972502.00	85815.00	-5446.08	2-3	183.75	5.093
3271	1200.00	5	SLV(E)	-180387.00	27.02	-1.59	-972502.00	82980.30	-5350.79	2-3	183.75	5.391
3272	1260.00	5	SLV(E)	-170189.00	25.55	-1.50	-972502.00	80209.40	-5259.01	2-3	183.75	5.714
3273	1320.00	5	SLV(E)	-160348.00	19.59	-1.15	-972502.00	77502.60	-5170.85	2-3	183.75	6.065
3274	1380.00	5	SLV(E)	-150873.00	12.77	-0.75	-972502.00	74911.10	-4243.97	2-3	183.13	6.446
3275	1440.00	5	SLV(E)	-141771.00	6.97	-0.41	-972502.00	72301.60	-4178.52	2-3	183.13	6.860
3276	1500.00	5	SLV(E)	-133043.00	2.87	-0.17	-972502.00	69779.80	-4117.33	2-3	183.13	7.310
3277	1560.00	5	SLV(E)	-124692.00	0.42	-0.02	-972502.00					7.799
3278	1620.00	5	SLV(E)	-116714.00	-0.75	0.04	-972502.00					8.332
3279	1680.00	5	SLV(E)	-109106.00	-1.10	0.06	-972502.00	-62734.10	3901.65	2-3	3.13	8.913
3280	1740.00	5	SLV(E)	-101864.00	-1.00	0.06	-972502.00	-60597.80	3054.05	2-3	2.50	9.547
3281	1800.00	5	SLV(E)	-94978.90	-0.73	0.04	-972502.00					10.239
3282	1860.00	5	SLV(E)	-88443.70	-0.45	0.03	-972502.00					10.996
3283	1920.00	5	SLV(E)	-82248.40	-0.22	0.01	-972502.00					11.824
3284	1980.00	5	SLV(E)	-76382.40	-0.07	0.00	-972502.00					12.732
3285	2040.00	5	SLV(E)	-70834.20	0.01	-0.00	-972502.00					13.729
3286	2100.00	5	SLV(E)	-65591.60	0.04	-0.00	-972502.00					14.827
3287	2160.00	5	SLV(E)	-60641.70	0.04	-0.00	-972502.00					16.037
3288	2220.00	5	SLV(E)	-55971.20	0.03	-0.00	-972502.00					17.375
3289	2280.00	5	SLV(E)	-51566.40	0.02	-0.00	-972502.00					18.859
3290	2340.00	5	SLV(E)	-47413.10	0.01	-0.00	-972502.00					20.511
3291	2400.00	5	SLV(E)	-43497.00	0.00	-0.00	-972502.00					22.358
3292	2460.00	5	SLV(E)	-39803.50	0.00	-0.00	-972502.00					24.433
3293	2520.00	5	SLV(E)	-36317.90	-0.00	0.00	-972502.00					26.777
3294	2580.00	5	SLV(E)	-33025.30	-0.00	0.00	-972502.00					29.447
3295	2640.00	5	SLV(E)	-29910.70	-0.00	0.00	-972502.00					32.514
3296	2700.00	5	SLV(E)	-26958.90	-0.00	0.00	-972502.00					36.074
3297	2760.00	5	SLV(E)	-24154.70	-0.00	0.00	-972502.00					40.261
3298	2820.00	5	SLV(E)	-21482.60	-0.00	0.00	-972502.00					45.269
3299	2880.00	5	SLV(E)	-18927.00	-0.00	0.00	-972502.00					51.382
3300	2940.00	5	SLV(E)	-16472.00	0.00	0.00	-972502.00					59.040
3301	0.00	7	SLV(E)	-385512.00	17010.90	-1000.54	-972502.00	130892.00	-8759.17	2-3	183.75	2.523
3302	60.00	7	SLV(E)	-386690.00	16974.60	-998.41	-972502.00	131126.00	-8770.86	2-3	183.75	2.515
3303	120.00	7	SLV(E)	-385366.00	16150.30	-949.93	-972502.00	130862.00	-8757.67	2-3	183.75	2.524
3304	180.00	7	SLV(E)	-381772.00	14323.40	-842.47	-972502.00	130146.00	-8721.87	2-3	183.75	2.547
3305	240.00	7	SLV(E)	-376137.00	11728.90	-689.87	-972502.00	129011.00	-8664.80	2-3	183.75	2.586
3306	300.00	7	SLV(E)	-368683.00	8792.81	-517.17	-972502.00	127498.00	-8588.07	2-3	183.75	2.638
3307	360.00	7	SLV(E)	-359625.00	5944.68	-349.65	-972502.00	125723.00	-7082.69	2-3	183.13	2.704
3308	420.00	7	SLV(E)	-349170.00	3506.57	-206.25	-972502.00	123546.00	-6988.59	2-3	183.13	2.785
3309	480.00	7	SLV(E)	-337512.00	1651.94	-97.16	-972502.00	121082.00	-6880.67	2-3	183.13	2.881
3310	540.00	7	SLV(E)	-324832.00	411.93	-24.23	-972502.00	118318.00	-6758.36	2-3	183.13	2.994
3311	600.00	7	SLV(E)	-311800.00	-295.67	17.39	-972502.00	-115350.00	7739.36	2-3	3.75	3.119
3312	660.00	7	SLV(E)	-298750.00	-606.07	35.65	-972502.00	-112419.00	7363.30	2-3	3.75	3.255
3313	720.00	7	SLV(E)	-285747.00	-657.72	38.69	-972502.00	-109448.00	6977.53	2-3	3.75	3.403

3314	780.00	7	SLV(E)	-272846.00	-567.38	33.37	-972502.00	-106455.00	6586.05	2-3	3.75	3.564
3315	840.00	7	SLV(E)	-260098.00	-420.63	24.74	-972502.00	-103385.00	6303.24	2-3	3.75	3.739
3316	900.00	7	SLV(E)	-247548.00	-271.74	15.98	-972502.00	-100317.00	6139.38	2-3	3.75	3.929
3317	960.00	7	SLV(E)	-235237.00	-148.92	8.76	-972502.00	-97262.70	5980.46	2-3	3.75	4.134
3318	1020.00	7	SLV(E)	-223198.00	-61.75	3.63	-972502.00	-94237.30	5826.34	2-3	3.75	4.357
3319	1080.00	7	SLV(E)	-211461.00	-8.45	0.50	-972502.00	-91248.00	5676.64	2-3	3.75	4.599
3320	1140.00	7	SLV(E)	-200050.00	18.26	-1.07	-972502.00	88245.60	-5530.39	2-3	183.75	4.861
3321	1200.00	7	SLV(E)	-188986.00	27.04	-1.59	-972502.00	85294.40	-5428.48	2-3	183.75	5.146
3322	1260.00	7	SLV(E)	-178285.00	25.58	-1.50	-972502.00	82413.00	-5331.89	2-3	183.75	5.455
3323	1320.00	7	SLV(E)	-167960.00	19.62	-1.15	-972502.00	79596.10	-5238.86	2-3	183.75	5.790
3324	1380.00	7	SLV(E)	-158020.00	12.79	-0.75	-972502.00	76859.70	-5150.15	2-3	183.75	6.154
3325	1440.00	7	SLV(E)	-148471.00	6.99	-0.41	-972502.00	74224.80	-4226.50	2-3	183.13	6.550
3326	1500.00	7	SLV(E)	-139316.00	2.88	-0.17	-972502.00	71596.90	-4161.76	2-3	183.13	6.981
3327	1560.00	7	SLV(E)	-130555.00	0.43	-0.03	-972502.00					7.449
3328	1620.00	7	SLV(E)	-122187.00	-0.75	0.04	-972502.00					7.959
3329	1680.00	7	SLV(E)	-114209.00	-1.10	0.06	-972502.00	-64249.00	3955.58	2-3	3.13	8.515
3330	1740.00	7	SLV(E)	-106613.00	-1.01	0.06	-972502.00	-61987.80	3874.57	2-3	3.13	9.122
3331	1800.00	7	SLV(E)	-99393.20	-0.73	0.04	-972502.00					9.784
3332	1860.00	7	SLV(E)	-92540.10	-0.45	0.03	-972502.00					10.509
3333	1920.00	7	SLV(E)	-86043.70	-0.22	0.01	-972502.00					11.302
3334	1980.00	7	SLV(E)	-79892.90	-0.07	0.00	-972502.00					12.173
3335	2040.00	7	SLV(E)	-74075.40	0.01	-0.00	-972502.00					13.129
3336	2100.00	7	SLV(E)	-68578.50	0.04	-0.00	-972502.00					14.181
3337	2160.00	7	SLV(E)	-63388.60	0.04	-0.00	-972502.00					15.342
3338	2220.00	7	SLV(E)	-58491.70	0.03	-0.00	-972502.00					16.626
3339	2280.00	7	SLV(E)	-53873.20	0.02	-0.00	-972502.00					18.052
3340	2340.00	7	SLV(E)	-49518.30	0.01	-0.00	-972502.00					19.639
3341	2400.00	7	SLV(E)	-45411.90	0.00	-0.00	-972502.00					21.415
3342	2460.00	7	SLV(E)	-41538.70	0.00	-0.00	-972502.00					23.412
3343	2520.00	7	SLV(E)	-37883.10	-0.00	0.00	-972502.00					25.671
3344	2580.00	7	SLV(E)	-34429.50	-0.00	0.00	-972502.00					28.246
3345	2640.00	7	SLV(E)	-31162.00	-0.00	0.00	-972502.00					31.208
3346	2700.00	7	SLV(E)	-28064.70	-0.00	0.00	-972502.00					34.652
3347	2760.00	7	SLV(E)	-25121.50	-0.00	0.00	-972502.00					38.712
3348	2820.00	7	SLV(E)	-22316.10	-0.00	0.00	-972502.00					43.579
3349	2880.00	7	SLV(E)	-19632.00	-0.00	0.00	-972502.00					49.537
3350	2940.00	7	SLV(E)	-17052.40	0.00	0.00	-972502.00					57.030
3351	0.00	9	SLV(E)	-345998.00	16998.30	300.17	-972502.00	123007.00	2783.55	2-3	178.75	2.811
3352	60.00	9	SLV(E)	-347176.00	16944.00	299.21	-972502.00	123254.00	2787.85	2-3	178.75	2.801
3353	120.00	9	SLV(E)	-346096.00	16106.30	284.42	-972502.00	123028.00	2783.91	2-3	178.75	2.810
3354	180.00	9	SLV(E)	-342967.00	14273.30	252.05	-972502.00	122368.00	2772.34	2-3	178.75	2.836
3355	240.00	9	SLV(E)	-337993.00	11679.60	206.25	-972502.00	121312.00	2753.70	2-3	178.75	2.877
3356	300.00	9	SLV(E)	-331376.00	8749.65	154.51	-972502.00	119882.00	2728.04	2-3	178.75	2.935
3357	360.00	9	SLV(E)	-323308.00	5910.57	104.37	-972502.00	118105.00	2695.70	2-3	178.75	3.008
3358	420.00	9	SLV(E)	-313975.00	3482.30	61.49	-972502.00	116028.00	2657.74	2-3	178.75	3.097
3359	480.00	9	SLV(E)	-303551.00	1636.65	28.90	-972502.00	113679.00	2611.95	2-3	178.75	3.204
3360	540.00	9	SLV(E)	-292200.00	403.79	7.13	-972502.00	111094.00	2373.99	2-3	178.75	3.328
3361	600.00	9	SLV(E)	-280528.00	-298.79	-5.28	-972502.00	-108398.00	-2186.81	2-3	358.75	3.467
3362	660.00	9	SLV(E)	-268835.00	-606.11	-10.70	-972502.00	-105634.00	-2135.53	2-3	358.75	3.617
3363	720.00	9	SLV(E)	-257180.00	-656.20	-11.59	-972502.00	-102810.00	-2084.65	2-3	358.75	3.781
3364	780.00	9	SLV(E)	-245613.00	-565.35	-9.98	-972502.00	-99968.70	-2034.67	2-3	358.75	3.959
3365	840.00	9	SLV(E)	-234180.00	-418.72	-7.39	-972502.00	-97126.00	-1985.78	2-3	358.75	4.153
3366	900.00	9	SLV(E)	-222923.00	-270.24	-4.77	-972502.00	-94295.70	-1938.23	2-3	358.75	4.362
3367	960.00	9	SLV(E)	-211876.00	-147.90	-2.61	-972502.00	-91478.50	-1891.58	2-3	358.75	4.590
3368	1020.00	9	SLV(E)	-201072.00	-61.15	-1.08	-972502.00	-88638.70	-1845.08	2-3	358.75	4.837
3369	1080.00	9	SLV(E)	-190535.00	-8.17	-0.14	-972502.00	-85830.50	-1799.44	2-3	358.75	5.104
3370	1140.00	9	SLV(E)	-180290.00	18.34	0.32	-972502.00	83076.30	1754.99	2-3	178.75	5.394
3371	1200.00	9	SLV(E)	-170354.00	27.00	0.48	-972502.00	80374.70	1716.82	2-3	178.75	5.709
3372	1260.00	9	SLV(E)	-160743.00	25.50	0.45	-972502.00	77734.80	1712.75	2-3	178.75	6.050
3373	1320.00	9	SLV(E)	-151467.00	19.54	0.34	-972502.00	75156.10	1709.54	2-3	178.75	6.421
3374	1380.00	9	SLV(E)	-142536.00	12.72	0.22	-972502.00	72597.10	1702.97	2-3	178.75	6.823
3375	1440.00	9	SLV(E)	-133954.00	6.94	0.12	-972502.00	70122.00	1665.88	2-3	178.75	7.260
3376	1500.00	9	SLV(E)	-125726.00	2.86	0.05	-972502.00	67718.60	1629.21	2-3	178.75	7.735
3377	1560.00	9	SLV(E)	-117851.00	0.41	0.01	-972502.00					8.252
3378	1620.00	9	SLV(E)	-110328.00	-0.76	-0.01	-972502.00					8.815
3379	1680.00	9	SLV(E)	-103153.00	-1.10	-0.02	-972502.00	-61030.70	-1529.47	2-3	358.75	9.428
3380	1740.00	9	SLV(E)	-96322.50	-1.00	-0.02	-972502.00	-58975.00	-1501.20	2-3	358.75	10.096
3381	1800.00	9	SLV(E)	-89828.80	-0.73	-0.01	-972502.00					10.826
3382	1860.00	9	SLV(E)	-83664.50	-0.44	-0.01	-972502.00					11.624
3383	1920.00	9	SLV(E)	-77820.40	-0.22	-0.00	-972502.00					12.497
3384	1980.00	9	SLV(E)	-72286.70	-0.07	-0.00	-972502.00					13.453
3385	2040.00	9	SLV(E)	-67052.60	0.01	0.00	-972502.00					14.504
3386	2100.00	9	SLV(E)	-62106.70	0.04	0.00	-972502.00					15.659
3387	2160.00	9	SLV(E)	-57436.90	0.04	0.00	-972502.00					16.932
3388	2220.00	9	SLV(E)	-53030.70	0.03	0.00	-972502.00					18.338
3389	2280.00	9	SLV(E)	-48875.10	0.02	0.00	-972502.00					19.898
3390	2340.00	9	SLV(E)	-44957.00	0.01	0.00	-972502.00					21.632
3391	2400.00	9	SLV(E)	-41262.90	0.00	0.00	-972502.00					23.568
3392	2460.00	9	SLV(E)	-37779.20	0.00	0.00	-972502.00					25.742
3393	2520.00	9	SLV(E)	-34491.90	-0.00	-0.00	-972502.00					28.195
3394	2580.00	9	SLV(E)	-31387.10	-0.00	-0.00	-972502.00					30.984
3395	2640.00	9	SLV(E)	-28450.90	-0.00	-0.00	-972502.00					34.182
3396	2700.00	9	SLV(E)	-25668.90	-0.00	-0.00	-972502.00					37.886
3397	2760.00	9	SLV(E)	-23026.80	-0.00	-0.00	-972502.00					42.233

3398	2820.00	9	SLV(E)	-20510.30	-0.00	-0.00	-972502.00						47.415
3399	2880.00	9	SLV(E)	-18104.60	-0.00	-0.00	-972502.00						53.716
3400	2940.00	9	SLV(E)	-15794.90	0.00	0.00	-972502.00						61.571
3401	0.00	11	SLV(E)	-345998.00	16998.20	-300.16	-972502.00	123007.00	-2783.54	2-3	181.25		2.811
3402	60.00	11	SLV(E)	-347176.00	16944.00	-299.20	-972502.00	123254.00	-2787.85	2-3	181.25		2.801
3403	120.00	11	SLV(E)	-346097.00	16106.60	-284.41	-972502.00	123028.00	-2783.91	2-3	181.25		2.810
3404	180.00	11	SLV(E)	-342967.00	14273.70	-252.05	-972502.00	122368.00	-2772.34	2-3	181.25		2.836
3405	240.00	11	SLV(E)	-337993.00	11680.10	-206.25	-972502.00	121312.00	-2753.70	2-3	181.25		2.877
3406	300.00	11	SLV(E)	-331376.00	8750.04	-154.51	-972502.00	119882.00	-2728.04	2-3	181.25		2.935
3407	360.00	11	SLV(E)	-323308.00	5910.90	-104.38	-972502.00	118105.00	-2695.70	2-3	181.25		3.008
3408	420.00	11	SLV(E)	-313975.00	3482.55	-61.50	-972502.00	116028.00	-2657.74	2-3	181.25		3.097
3409	480.00	11	SLV(E)	-303551.00	1636.81	-28.90	-972502.00	113679.00	-2611.95	2-3	181.25		3.204
3410	540.00	11	SLV(E)	-292200.00	403.88	-7.13	-972502.00	111094.00	-2373.99	2-3	181.25		3.328
3411	600.00	11	SLV(E)	-280528.00	-298.75	5.28	-972502.00	-108398.00	2186.81	2-3	1.25		3.467
3412	660.00	11	SLV(E)	-268835.00	-606.10	10.70	-972502.00	-105634.00	2135.53	2-3	1.25		3.617
3413	720.00	11	SLV(E)	-257180.00	-656.21	11.59	-972502.00	-102810.00	2084.65	2-3	1.25		3.781
3414	780.00	11	SLV(E)	-245613.00	-565.37	9.98	-972502.00	-99968.70	2034.67	2-3	1.25		3.959
3415	840.00	11	SLV(E)	-234180.00	-418.74	7.39	-972502.00	-97126.00	1985.78	2-3	1.25		4.153
3416	900.00	11	SLV(E)	-222923.00	-270.25	4.77	-972502.00	-94295.70	1938.22	2-3	1.25		4.362
3417	960.00	11	SLV(E)	-211876.00	-147.91	2.61	-972502.00	-91478.50	1891.58	2-3	1.25		4.590
3418	1020.00	11	SLV(E)	-201072.00	-61.16	1.08	-972502.00	-88638.70	1845.07	2-3	1.25		4.837
3419	1080.00	11	SLV(E)	-190535.00	-8.17	0.14	-972502.00	-85830.40	1799.43	2-3	1.25		5.104
3420	1140.00	11	SLV(E)	-180290.00	18.34	-0.32	-972502.00	83079.00	-1755.04	2-3	181.25		5.394
3421	1200.00	11	SLV(E)	-170354.00	27.00	-0.48	-972502.00	80374.70	-1716.82	2-3	181.25		5.709
3422	1260.00	11	SLV(E)	-160743.00	25.50	-0.45	-972502.00	77734.80	-1712.75	2-3	181.25		6.050
3423	1320.00	11	SLV(E)	-151467.00	19.54	-0.34	-972502.00	75156.10	-1709.54	2-3	181.25		6.421
3424	1380.00	11	SLV(E)	-142536.00	12.72	-0.22	-972502.00	72597.20	-1702.97	2-3	181.25		6.823
3425	1440.00	11	SLV(E)	-133954.00	6.94	-0.12	-972502.00	70122.00	-1665.88	2-3	181.25		7.260
3426	1500.00	11	SLV(E)	-125726.00	2.86	-0.05	-972502.00	67718.60	-1629.21	2-3	181.25		7.735
3427	1560.00	11	SLV(E)	-117851.00	0.41	-0.01	-972502.00						8.252
3428	1620.00	11	SLV(E)	-110328.00	-0.76	0.01	-972502.00						8.815
3429	1680.00	11	SLV(E)	-103153.00	-1.10	0.02	-972502.00	-61030.70	1529.47	2-3	1.25		9.428
3430	1740.00	11	SLV(E)	-96322.50	-1.00	0.02	-972502.00	-58975.00	1501.20	2-3	1.25		10.096
3431	1800.00	11	SLV(E)	-89828.90	-0.73	0.01	-972502.00						10.826
3432	1860.00	11	SLV(E)	-83664.50	-0.44	0.01	-972502.00						11.624
3433	1920.00	11	SLV(E)	-77820.40	-0.22	0.00	-972502.00						12.497
3434	1980.00	11	SLV(E)	-72286.70	-0.07	0.00	-972502.00						13.453
3435	2040.00	11	SLV(E)	-67052.70	0.01	-0.00	-972502.00						14.504
3436	2100.00	11	SLV(E)	-62106.70	0.04	-0.00	-972502.00						15.659
3437	2160.00	11	SLV(E)	-57436.90	0.04	-0.00	-972502.00						16.932
3438	2220.00	11	SLV(E)	-53030.70	0.03	-0.00	-972502.00						18.338
3439	2280.00	11	SLV(E)	-48875.10	0.02	-0.00	-972502.00						19.898
3440	2340.00	11	SLV(E)	-44957.00	0.01	-0.00	-972502.00						21.632
3441	2400.00	11	SLV(E)	-41262.90	0.00	-0.00	-972502.00						23.568
3442	2460.00	11	SLV(E)	-37779.20	0.00	-0.00	-972502.00						25.742
3443	2520.00	11	SLV(E)	-34491.90	-0.00	0.00	-972502.00						28.195
3444	2580.00	11	SLV(E)	-31387.10	-0.00	0.00	-972502.00						30.984
3445	2640.00	11	SLV(E)	-28450.90	-0.00	0.00	-972502.00						34.182
3446	2700.00	11	SLV(E)	-25668.90	-0.00	0.00	-972502.00						37.886
3447	2760.00	11	SLV(E)	-23026.80	-0.00	0.00	-972502.00						42.233
3448	2820.00	11	SLV(E)	-20510.30	-0.00	0.00	-972502.00						47.415
3449	2880.00	11	SLV(E)	-18104.60	-0.00	0.00	-972502.00						53.716
3450	2940.00	11	SLV(E)	-15794.90	0.00	0.00	-972502.00						61.571
3451	0.00	13	SLV(E)	-406789.00	17018.00	300.16	-972502.00	135236.00	2987.33	2-3	178.75		2.391
3452	60.00	13	SLV(E)	-407967.00	16984.40	299.57	-972502.00	135458.00	2990.90	2-3	178.75		2.384
3453	120.00	13	SLV(E)	-406511.00	16161.70	285.06	-972502.00	135185.00	2986.52	2-3	178.75		2.392
3454	180.00	13	SLV(E)	-402667.00	14335.10	252.84	-972502.00	134456.00	2974.80	2-3	178.75		2.415
3455	240.00	13	SLV(E)	-396675.00	11739.60	207.06	-972502.00	133308.00	2956.29	2-3	178.75		2.452
3456	300.00	13	SLV(E)	-388771.00	8801.77	155.24	-972502.00	131759.00	2931.04	2-3	178.75		2.501
3457	360.00	13	SLV(E)	-379181.00	5951.45	104.97	-972502.00	129844.00	2899.50	2-3	178.75		2.565
3458	420.00	13	SLV(E)	-368121.00	3511.15	61.93	-972502.00	127600.00	2862.11	2-3	178.75		2.642
3459	480.00	13	SLV(E)	-355798.00	1654.65	29.18	-972502.00	125059.00	2819.02	2-3	178.75		2.733
3460	540.00	13	SLV(E)	-342402.00	413.22	7.29	-972502.00	122249.00	2770.25	2-3	178.75		2.840
3461	600.00	13	SLV(E)	-328638.00	-295.32	-5.21	-972502.00	-119282.00	-2717.17	2-3	358.75		2.959
3462	660.00	13	SLV(E)	-314858.00	-606.26	-10.69	-972502.00	-116225.00	-2661.34	2-3	358.75		3.089
3463	720.00	13	SLV(E)	-301129.00	-658.14	-11.61	-972502.00	-113131.00	-2561.68	2-3	358.75		3.230
3464	780.00	13	SLV(E)	-287509.00	-567.85	-10.02	-972502.00	-110014.00	-2273.07	2-3	358.75		3.383
3465	840.00	13	SLV(E)	-274053.00	-421.04	-7.43	-972502.00	-106885.00	-2158.61	2-3	358.75		3.549
3466	900.00	13	SLV(E)	-260808.00	-272.04	-4.80	-972502.00	-103691.00	-2100.37	2-3	358.75		3.729
3467	960.00	13	SLV(E)	-247816.00	-149.11	-2.63	-972502.00	-100512.00	-2044.05	2-3	358.75		3.924
3468	1020.00	13	SLV(E)	-235112.00	-61.86	-1.09	-972502.00	-97357.80	-1989.75	2-3	358.75		4.136
3469	1080.00	13	SLV(E)	-222728.00	-8.49	-0.15	-972502.00	-94244.80	-1937.37	2-3	358.75		4.366
3470	1140.00	13	SLV(E)	-210690.00	18.26	0.32	-972502.00	91167.50	1886.49	2-3	178.75		4.616
3471	1200.00	13	SLV(E)	-199018.00	27.05	0.48	-972502.00	88090.00	1836.07	2-3	178.75		4.886
3472	1260.00	13	SLV(E)	-187731.00	25.60	0.45	-972502.00	85083.40	1787.41	2-3	178.75		5.180
3473	1320.00	13	SLV(E)	-176841.00	19.64	0.35	-972502.00	82142.10	1739.89	2-3	178.75		5.499
3474	1380.00	13	SLV(E)	-166357.00	12.80	0.23	-972502.00	79279.90	1715.06	2-3	178.75		5.846
3475	1440.00	13	SLV(E)	-156287.00	7.00	0.12	-972502.00	76501.20	1710.94	2-3	178.75		6.223
3476	1500.00	13	SLV(E)	-146633.00	2.89	0.05	-972502.00	73776.60	1707.91	2-3	178.75		6.632
3477	1560.00	13	SLV(E)	-137396.00	0.43	0.01	-972502.00						7.078
3478	1620.00	13	SLV(E)	-128573.00	-0.75	-0.01	-972502.00						7.564
3479	1680.00	13	SLV(E)	-120162.00	-1.10	-0.02	-972502.00	-66087.60	-1604.24	2-3	358.75		8.093
3480	1740.00	13	SLV(E)	-112154.00	-1.01	-0.02	-972502.00	-63714.50	-1568.39	2-3	358.75		8.671
3481	1800.00	13	SLV(E)	-104543.00	-0.73	-0.01	-972502.00						9.302

3616	900.00	1	SLV(E)	-248402.00	-229.09	146.98	-972502.00	-85060.30	53880.70	2-3	32.50	3.915
3617	960.00	1	SLV(E)	-236047.00	-125.55	80.55	-972502.00	-82463.10	52249.70	2-3	32.50	4.120
3618	1020.00	1	SLV(E)	-223965.00	-52.06	33.40	-972502.00	-79891.00	50633.40	2-3	32.50	4.342
3619	1080.00	1	SLV(E)	-212186.00	-7.12	4.57	-972502.00	-77352.70	49038.10	2-3	32.50	4.583
3620	1140.00	1	SLV(E)	-200735.00	15.40	-9.88	-972502.00	74803.80	-47436.90	2-3	212.50	4.845
3621	1200.00	1	SLV(E)	-189632.00	22.79	-14.62	-972502.00	72296.00	-45863.00	2-3	212.50	5.128
3622	1260.00	1	SLV(E)	-178893.00	21.57	-13.84	-972502.00	69833.20	-44350.90	2-3	212.50	5.436
3623	1320.00	1	SLV(E)	-168532.00	16.54	-10.61	-972502.00	67417.10	-42890.70	2-3	212.50	5.770
3624	1380.00	1	SLV(E)	-158557.00	10.78	-6.92	-972502.00	65062.40	-41474.60	2-3	212.50	6.133
3625	1440.00	1	SLV(E)	-148974.00	5.89	-3.78	-972502.00	62755.30	-40092.50	2-3	212.50	6.528
3626	1500.00	1	SLV(E)	-139787.00	2.43	-1.56	-972502.00	60489.30	-38741.90	2-3	212.50	6.957
3627	1560.00	1	SLV(E)	-130996.00	0.36	-0.23	-972502.00					7.424
3628	1620.00	1	SLV(E)	-122599.00	-0.64	0.41	-972502.00					7.932
3629	1680.00	1	SLV(E)	-114592.00	-0.93	0.60	-972502.00	-54181.30	34939.80	2-3	32.50	8.487
3630	1740.00	1	SLV(E)	-106970.00	-0.85	0.54	-972502.00	-52240.30	33757.80	2-3	32.50	9.091
3631	1800.00	1	SLV(E)	-99724.80	-0.62	0.40	-972502.00					9.752
3632	1860.00	1	SLV(E)	-92847.80	-0.38	0.24	-972502.00					10.474
3633	1920.00	1	SLV(E)	-86328.80	-0.19	0.12	-972502.00					11.265
3634	1980.00	1	SLV(E)	-80156.60	-0.06	0.04	-972502.00					12.133
3635	2040.00	1	SLV(E)	-74318.90	0.01	-0.00	-972502.00					13.085
3636	2100.00	1	SLV(E)	-68802.90	0.03	-0.02	-972502.00					14.135
3637	2160.00	1	SLV(E)	-63595.00	0.04	-0.02	-972502.00					15.292
3638	2220.00	1	SLV(E)	-58681.10	0.03	-0.02	-972502.00					16.573
3639	2280.00	1	SLV(E)	-54046.50	0.02	-0.01	-972502.00					17.994
3640	2340.00	1	SLV(E)	-49676.50	0.01	-0.01	-972502.00					19.577
3641	2400.00	1	SLV(E)	-45555.80	0.00	-0.00	-972502.00					21.348
3642	2460.00	1	SLV(E)	-41669.10	0.00	-0.00	-972502.00					23.339
3643	2520.00	1	SLV(E)	-38000.70	-0.00	0.00	-972502.00					25.592
3644	2580.00	1	SLV(E)	-34534.90	-0.00	0.00	-972502.00					28.160
3645	2640.00	1	SLV(E)	-31256.00	-0.00	0.00	-972502.00					31.114
3646	2700.00	1	SLV(E)	-28147.70	-0.00	0.00	-972502.00					34.550
3647	2760.00	1	SLV(E)	-25194.10	-0.00	0.00	-972502.00					38.600
3648	2820.00	1	SLV(E)	-22378.70	-0.00	0.00	-972502.00					43.457
3649	2880.00	1	SLV(E)	-19684.90	-0.00	0.00	-972502.00					49.403
3650	2940.00	1	SLV(E)	-17096.00	0.00	0.00	-972502.00					56.885
3651	0.00	3	SLV(E)	-401636.00	14138.70	-9489.88	-972502.00	111650.00	-74723.30	2-3	213.75	2.421
3652	60.00	3	SLV(E)	-402815.00	14110.40	-9470.87	-972502.00	111840.00	-74846.70	2-3	213.75	2.414
3653	120.00	3	SLV(E)	-401391.00	13426.50	-9011.89	-972502.00	111612.00	-74698.20	2-3	213.75	2.423
3654	180.00	3	SLV(E)	-397607.00	11908.90	-7993.24	-972502.00	111002.00	-74302.30	2-3	213.75	2.446
3655	240.00	3	SLV(E)	-391702.00	9752.51	-6545.88	-972502.00	110040.00	-73677.90	2-3	213.75	2.483
3656	300.00	3	SLV(E)	-383906.00	7311.79	-4907.67	-972502.00	108742.00	-72835.00	2-3	213.75	2.533
3657	360.00	3	SLV(E)	-374445.00	4943.87	-3318.32	-972502.00	107144.00	-71799.30	2-3	213.75	2.597
3658	420.00	3	SLV(E)	-363532.00	2916.63	-1957.64	-972502.00	105272.00	-70586.90	2-3	213.75	2.675
3659	480.00	3	SLV(E)	-351370.00	1374.40	-922.49	-972502.00	103149.00	-69215.70	2-3	213.75	2.768
3660	540.00	3	SLV(E)	-338148.00	343.14	-230.32	-972502.00	100802.00	-67702.40	2-3	213.75	2.876
3661	600.00	3	SLV(E)	-324561.00	-245.42	164.73	-972502.00	-98311.70	66100.60	2-3	33.75	2.996
3662	660.00	3	SLV(E)	-310958.00	-503.69	338.08	-972502.00	-95880.60	64279.20	2-3	33.75	3.127
3663	720.00	3	SLV(E)	-297404.00	-546.77	366.99	-972502.00	-93425.20	62427.70	2-3	33.75	3.270
3664	780.00	3	SLV(E)	-283958.00	-471.74	316.63	-972502.00	-90950.40	60552.50	2-3	33.75	3.425
3665	840.00	3	SLV(E)	-270674.00	-349.76	234.76	-972502.00	-88467.20	58658.70	2-3	33.75	3.593
3666	900.00	3	SLV(E)	-257597.00	-225.98	151.68	-972502.00	-85861.50	56857.90	2-3	33.75	3.775
3667	960.00	3	SLV(E)	-244770.00	-123.86	83.14	-972502.00	-83218.60	55133.10	2-3	33.75	3.973
3668	1020.00	3	SLV(E)	-232227.00	-51.38	34.49	-972502.00	-80603.20	53425.90	2-3	33.75	4.188
3669	1080.00	3	SLV(E)	-220000.00	-7.05	4.73	-972502.00	-78017.50	51738.60	2-3	33.75	4.420
3670	1140.00	3	SLV(E)	-208113.00	15.17	-10.18	-972502.00	75457.30	-50069.20	2-3	213.75	4.673
3671	1200.00	3	SLV(E)	-196589.00	22.47	-15.08	-972502.00	72890.90	-48419.70	2-3	213.75	4.947
3672	1260.00	3	SLV(E)	-185443.00	21.27	-14.27	-972502.00	70368.80	-46832.10	2-3	213.75	5.244
3673	1320.00	3	SLV(E)	-174690.00	16.31	-10.95	-972502.00	67900.10	-45283.50	2-3	213.75	5.567
3674	1380.00	3	SLV(E)	-164338.00	10.64	-7.14	-972502.00	65498.90	-43783.00	2-3	213.75	5.918
3675	1440.00	3	SLV(E)	-154394.00	5.81	-3.90	-972502.00	63161.70	-42329.20	2-3	213.75	6.299
3676	1500.00	3	SLV(E)	-144861.00	2.40	-1.61	-972502.00	60857.20	-40901.00	2-3	213.75	6.713
3677	1560.00	3	SLV(E)	-135739.00	0.35	-0.24	-972502.00					7.164
3678	1620.00	3	SLV(E)	-127027.00	-0.63	0.42	-972502.00					7.656
3679	1680.00	3	SLV(E)	-118720.00	-0.92	0.62	-972502.00	-54367.60	36915.60	2-3	33.75	8.192
3680	1740.00	3	SLV(E)	-110812.00	-0.84	0.56	-972502.00	-52376.30	35676.30	2-3	33.75	8.776
3681	1800.00	3	SLV(E)	-103296.00	-0.61	0.41	-972502.00					9.415
3682	1860.00	3	SLV(E)	-96161.90	-0.37	0.25	-972502.00					10.113
3683	1920.00	3	SLV(E)	-89399.40	-0.18	0.12	-972502.00					10.878
3684	1980.00	3	SLV(E)	-82996.70	-0.06	0.04	-972502.00					11.717
3685	2040.00	3	SLV(E)	-76941.20	0.01	-0.00	-972502.00					12.640
3686	2100.00	3	SLV(E)	-71219.50	0.03	-0.02	-972502.00					13.655
3687	2160.00	3	SLV(E)	-65817.40	0.04	-0.02	-972502.00					14.776
3688	2220.00	3	SLV(E)	-60720.20	0.03	-0.02	-972502.00					16.016
3689	2280.00	3	SLV(E)	-55912.80	0.02	-0.01	-972502.00					17.393
3690	2340.00	3	SLV(E)	-51379.60	0.01	-0.01	-972502.00					18.928
3691	2400.00	3	SLV(E)	-47105.00	0.00	-0.00	-972502.00					20.645
3692	2460.00	3	SLV(E)	-43072.90	0.00	-0.00	-972502.00					22.578
3693	2520.00	3	SLV(E)	-39266.90	-0.00	0.00	-972502.00					24.766
3694	2580.00	3	SLV(E)	-35670.90	-0.00	0.00	-972502.00					27.263
3695	2640.00	3	SLV(E)	-32268.30	-0.00	0.00	-972502.00					30.138
3696	2700.00	3	SLV(E)	-29042.30	-0.00	0.00	-972502.00					33.486
3697	2760.00	3	SLV(E)	-25976.20	-0.00	0.00	-972502.00					37.438
3698	2820.00	3	SLV(E)	-23052.90	-0.00	0.00	-972502.00					42.186
3699	2880.00	3	SLV(E)	-20255.20	-0.00	0.00	-972502.00					48.012

3700	2940.00	3	SLV(E)	-17565.50	0.00	0.00	-972502.00					55.364
3701	0.00	5	SLV(E)	-351151.00	13381.10	-10504.30	-972502.00	98397.40	-76073.50	2-3	217.50	2.769
3702	60.00	5	SLV(E)	-352329.00	13341.20	-10473.10	-972502.00	98585.90	-76231.80	2-3	217.50	2.760
3703	120.00	5	SLV(E)	-351217.00	12684.10	-9957.22	-972502.00	98407.00	-76081.70	2-3	217.50	2.769
3704	180.00	5	SLV(E)	-348027.00	11242.40	-8825.48	-972502.00	97892.70	-75650.40	2-3	217.50	2.794
3705	240.00	5	SLV(E)	-342967.00	9200.82	-7222.80	-972502.00	97073.30	-74962.00	2-3	217.50	2.836
3706	300.00	5	SLV(E)	-336241.00	6893.71	-5411.67	-972502.00	95978.50	-74041.10	2-3	217.50	2.892
3707	360.00	5	SLV(E)	-328044.00	4657.65	-3656.33	-972502.00	93865.50	-73923.50	2-3	218.13	2.965
3708	420.00	5	SLV(E)	-318564.00	2744.81	-2154.72	-972502.00	92267.90	-72550.90	2-3	218.13	3.053
3709	480.00	5	SLV(E)	-307979.00	1290.67	-1013.20	-972502.00	90460.40	-70996.10	2-3	218.13	3.158
3710	540.00	5	SLV(E)	-296455.00	319.14	-250.53	-972502.00	88471.40	-69280.80	2-3	218.13	3.280
3711	600.00	5	SLV(E)	-284605.00	-234.66	184.21	-972502.00	-85699.00	68454.00	2-3	38.75	3.417
3712	660.00	5	SLV(E)	-272736.00	-477.05	374.49	-972502.00	-83613.40	66618.80	2-3	38.75	3.566
3713	720.00	5	SLV(E)	-260905.00	-516.73	405.64	-972502.00	-81441.50	64759.40	2-3	38.75	3.727
3714	780.00	5	SLV(E)	-249164.00	-445.31	349.57	-972502.00	-79249.60	62891.20	2-3	38.75	3.903
3715	840.00	5	SLV(E)	-237560.00	-329.88	258.96	-972502.00	-77052.40	61017.10	2-3	38.75	4.094
3716	900.00	5	SLV(E)	-226134.00	-212.94	167.16	-972502.00	-74828.30	59189.60	2-3	38.75	4.301
3717	960.00	5	SLV(E)	-214923.00	-116.57	91.51	-972502.00	-72519.50	57514.80	2-3	38.75	4.525
3718	1020.00	5	SLV(E)	-203957.00	-48.23	37.86	-972502.00	-70202.50	55837.80	2-3	38.75	4.768
3719	1080.00	5	SLV(E)	-193264.00	-6.47	5.08	-972502.00	-67892.10	54172.50	2-3	38.75	5.032
3720	1140.00	5	SLV(E)	-182867.00	14.42	-11.32	-972502.00	66161.30	-51782.80	2-3	218.13	5.318
3721	1200.00	5	SLV(E)	-172784.00	21.26	-16.69	-972502.00	63919.30	-50205.30	2-3	218.13	5.628
3722	1260.00	5	SLV(E)	-163030.00	20.08	-15.77	-972502.00	61719.80	-48661.40	2-3	218.13	5.965
3723	1320.00	5	SLV(E)	-153618.00	15.39	-12.08	-972502.00	60084.50	-46467.00	2-3	217.50	6.331
3724	1380.00	5	SLV(E)	-144555.00	10.03	-7.87	-972502.00	57956.80	-45006.40	2-3	217.50	6.728
3725	1440.00	5	SLV(E)	-135847.00	5.47	-4.30	-972502.00	55878.70	-43582.60	2-3	217.50	7.159
3726	1500.00	5	SLV(E)	-127498.00	2.25	-1.77	-972502.00	53945.20	-42105.80	2-3	217.50	7.628
3727	1560.00	5	SLV(E)	-119507.00	0.33	-0.26	-972502.00					8.138
3728	1620.00	5	SLV(E)	-111874.00	-0.60	0.47	-972502.00					8.693
3729	1680.00	5	SLV(E)	-104595.00	-0.87	0.68	-972502.00	-48695.10	37791.20	2-3	37.50	9.298
3730	1740.00	5	SLV(E)	-97664.40	-0.79	0.62	-972502.00	-47088.10	36464.10	2-3	37.50	9.958
3731	1800.00	5	SLV(E)	-91076.00	-0.58	0.45	-972502.00					10.678
3732	1860.00	5	SLV(E)	-84821.80	-0.35	0.27	-972502.00					11.465
3733	1920.00	5	SLV(E)	-78892.70	-0.17	0.13	-972502.00					12.327
3734	1980.00	5	SLV(E)	-73278.50	-0.06	0.04	-972502.00					13.271
3735	2040.00	5	SLV(E)	-67968.40	0.01	-0.01	-972502.00					14.308
3736	2100.00	5	SLV(E)	-62950.60	0.03	-0.02	-972502.00					15.449
3737	2160.00	5	SLV(E)	-58213.00	0.03	-0.03	-972502.00					16.706
3738	2220.00	5	SLV(E)	-53742.80	0.03	-0.02	-972502.00					18.096
3739	2280.00	5	SLV(E)	-49526.90	0.02	-0.01	-972502.00					19.636
3740	2340.00	5	SLV(E)	-45551.80	0.01	-0.01	-972502.00					21.349
3741	2400.00	5	SLV(E)	-41804.00	0.00	-0.00	-972502.00					23.263
3742	2460.00	5	SLV(E)	-38269.40	0.00	-0.00	-972502.00					25.412
3743	2520.00	5	SLV(E)	-34934.10	-0.00	0.00	-972502.00					27.838
3744	2580.00	5	SLV(E)	-31783.80	-0.00	0.00	-972502.00					30.597
3745	2640.00	5	SLV(E)	-28804.40	-0.00	0.00	-972502.00					33.762
3746	2700.00	5	SLV(E)	-25981.30	-0.00	0.00	-972502.00					37.431
3747	2760.00	5	SLV(E)	-23300.00	-0.00	0.00	-972502.00					41.738
3748	2820.00	5	SLV(E)	-20745.80	-0.00	0.00	-972502.00					46.877
3749	2880.00	5	SLV(E)	-18303.80	-0.00	0.00	-972502.00					53.131
3750	2940.00	5	SLV(E)	-15958.90	0.00	0.00	-972502.00					60.938
3751	0.00	7	SLV(E)	-365905.00	13177.50	-10792.60	-972502.00	99162.90	-80209.40	2-3	218.75	2.658
3752	60.00	7	SLV(E)	-367083.00	13144.30	-10765.50	-972502.00	99357.60	-80355.10	2-3	218.75	2.649
3753	120.00	7	SLV(E)	-365880.00	12501.90	-10239.30	-972502.00	99159.60	-80207.00	2-3	218.75	2.658
3754	180.00	7	SLV(E)	-362517.00	11084.60	-9078.54	-972502.00	98625.50	-79762.40	2-3	218.75	2.683
3755	240.00	7	SLV(E)	-357210.00	9074.48	-7432.18	-972502.00	97792.10	-79038.70	2-3	218.75	2.723
3756	300.00	7	SLV(E)	-350171.00	6801.15	-5570.27	-972502.00	96681.30	-78072.60	2-3	218.75	2.777
3757	360.00	7	SLV(E)	-341604.00	4596.78	-3764.85	-972502.00	95313.40	-76880.40	2-3	218.75	2.847
3758	420.00	7	SLV(E)	-331706.00	2710.33	-2219.82	-972502.00	93716.50	-75485.40	2-3	218.75	2.932
3759	480.00	7	SLV(E)	-320660.00	1275.76	-1044.87	-972502.00	91115.20	-74881.80	2-3	219.38	3.033
3760	540.00	7	SLV(E)	-308640.00	316.92	-259.56	-972502.00	89100.00	-73084.00	2-3	219.38	3.151
3761	600.00	7	SLV(E)	-296282.00	-229.97	188.35	-972502.00	-87000.20	71206.80	2-3	39.38	3.282
3762	660.00	7	SLV(E)	-283906.00	-469.63	384.63	-972502.00	-84862.10	69294.10	2-3	39.38	3.425
3763	720.00	7	SLV(E)	-271572.00	-509.21	417.05	-972502.00	-82690.80	67392.50	2-3	39.38	3.581
3764	780.00	7	SLV(E)	-259332.00	-439.07	359.61	-972502.00	-79734.50	66377.20	2-3	40.00	3.750
3765	840.00	7	SLV(E)	-247237.00	-325.39	266.50	-972502.00	-77499.60	64410.50	2-3	40.00	3.933
3766	900.00	7	SLV(E)	-235329.00	-210.14	172.11	-972502.00	-75267.10	62445.40	2-3	40.00	4.133
3767	960.00	7	SLV(E)	-223645.00	-115.11	94.27	-972502.00	-73052.10	60495.10	2-3	40.00	4.348
3768	1020.00	7	SLV(E)	-212219.00	-47.68	39.05	-972502.00	-70767.50	58687.10	2-3	40.00	4.583
3769	1080.00	7	SLV(E)	-201077.00	-6.47	5.30	-972502.00	-68422.40	56934.10	2-3	40.00	4.836
3770	1140.00	7	SLV(E)	-190245.00	14.17	-11.61	-972502.00	66668.60	-54454.60	2-3	219.38	5.112
3771	1200.00	7	SLV(E)	-179741.00	20.94	-17.15	-972502.00	64377.30	-52783.80	2-3	219.38	5.411
3772	1260.00	7	SLV(E)	-169580.00	19.80	-16.21	-972502.00	62667.10	-50427.20	2-3	218.75	5.735
3773	1320.00	7	SLV(E)	-159776.00	15.18	-12.43	-972502.00	60460.00	-48854.70	2-3	218.75	6.087
3774	1380.00	7	SLV(E)	-150336.00	9.89	-8.10	-972502.00	58315.10	-47332.60	2-3	218.75	6.469
3775	1440.00	7	SLV(E)	-141267.00	5.40	-4.42	-972502.00	56186.10	-45820.30	2-3	218.75	6.884
3776	1500.00	7	SLV(E)	-132572.00	2.23	-1.82	-972502.00	54254.90	-44201.70	2-3	218.75	7.336
3777	1560.00	7	SLV(E)	-124251.00	0.33	-0.27	-972502.00					7.827
3778	1620.00	7	SLV(E)	-116302.00	-0.59	0.48	-972502.00					8.362
3779	1680.00	7	SLV(E)	-108723.00	-0.85	0.70	-972502.00	-48885.40	39635.20	2-3	38.75	8.945
3780	1740.00	7	SLV(E)	-101507.00	-0.78	0.64	-972502.00	-47238.40	38228.00	2-3	38.75	9.581
3781	1800.00	7	SLV(E)	-94647.30	-0.57	0.46	-972502.00					10.275
3782	1860.00	7	SLV(E)	-88135.90	-0.35	0.28	-972502.00					11.034
3783	1920.00	7	SLV(E)	-81963.20	-0.17	0.14	-972502.00					11.865

3868	1020.00	11	SLV(E)	-201321.00	-50.21	34.95	-972502.00	-72923.30	50696.90	2-3	35.00	4.831
3869	1080.00	11	SLV(E)	-190771.00	-6.71	4.67	-972502.00	-70566.80	49159.10	2-3	35.00	5.098
3870	1140.00	11	SLV(E)	-180513.00	15.05	-10.48	-972502.00	68252.20	-47654.80	2-3	215.00	5.387
3871	1200.00	11	SLV(E)	-170564.00	22.17	-15.43	-972502.00	65977.60	-46180.20	2-3	215.00	5.702
3872	1260.00	11	SLV(E)	-160940.00	20.94	-14.57	-972502.00	63754.50	-44745.80	2-3	215.00	6.043
3873	1320.00	11	SLV(E)	-151653.00	16.04	-11.16	-972502.00	61584.60	-43350.80	2-3	215.00	6.413
3874	1380.00	11	SLV(E)	-142710.00	10.45	-7.27	-972502.00	59425.80	-41965.20	2-3	215.00	6.815
3875	1440.00	11	SLV(E)	-134118.00	5.70	-3.97	-972502.00	57331.20	-40627.40	2-3	215.00	7.251
3876	1500.00	11	SLV(E)	-125879.00	2.34	-1.63	-972502.00	55733.20	-38671.90	2-3	214.38	7.726
3877	1560.00	11	SLV(E)	-117994.00	0.34	-0.24	-972502.00					8.242
3878	1620.00	11	SLV(E)	-110461.00	-0.62	0.43	-972502.00					8.804
3879	1680.00	11	SLV(E)	-103278.00	-0.90	0.63	-972502.00	-50201.30	34892.50	2-3	34.38	9.416
3880	1740.00	11	SLV(E)	-96438.50	-0.82	0.57	-972502.00	-48220.70	34164.70	2-3	35.00	10.084
3881	1800.00	11	SLV(E)	-89936.60	-0.60	0.42	-972502.00					10.813
3882	1860.00	11	SLV(E)	-83764.50	-0.36	0.25	-972502.00					11.610
3883	1920.00	11	SLV(E)	-77913.10	-0.18	0.12	-972502.00					12.482
3884	1980.00	11	SLV(E)	-72372.40	-0.06	0.04	-972502.00					13.438
3885	2040.00	11	SLV(E)	-67131.80	0.01	-0.00	-972502.00					14.486
3886	2100.00	11	SLV(E)	-62179.70	0.03	-0.02	-972502.00					15.640
3887	2160.00	11	SLV(E)	-57504.00	0.04	-0.02	-972502.00					16.912
3888	2220.00	11	SLV(E)	-53092.20	0.03	-0.02	-972502.00					18.317
3889	2280.00	11	SLV(E)	-48931.50	0.02	-0.01	-972502.00					19.875
3890	2340.00	11	SLV(E)	-45008.40	0.01	-0.01	-972502.00					21.607
3891	2400.00	11	SLV(E)	-41309.70	0.00	-0.00	-972502.00					23.542
3892	2460.00	11	SLV(E)	-37821.50	0.00	-0.00	-972502.00					25.713
3893	2520.00	11	SLV(E)	-34530.10	-0.00	0.00	-972502.00					28.164
3894	2580.00	11	SLV(E)	-31421.40	-0.00	0.00	-972502.00					30.950
3895	2640.00	11	SLV(E)	-28481.40	-0.00	0.00	-972502.00					34.145
3896	2700.00	11	SLV(E)	-25695.90	-0.00	0.00	-972502.00					37.847
3897	2760.00	11	SLV(E)	-23050.40	-0.00	0.00	-972502.00					42.190
3898	2820.00	11	SLV(E)	-20530.70	-0.00	0.00	-972502.00					47.368
3899	2880.00	11	SLV(E)	-18121.90	-0.00	0.00	-972502.00					53.665
3900	2940.00	11	SLV(E)	-15809.10	0.00	0.00	-972502.00					61.515
3901	0.00	13	SLV(E)	-406344.00	13564.70	-10282.10	-972502.00	107355.00	-82601.50	2-3	217.50	2.393
3902	60.00	13	SLV(E)	-407522.00	13538.00	-10261.90	-972502.00	107537.00	-82732.30	2-3	217.50	2.386
3903	120.00	13	SLV(E)	-406069.00	12882.40	-9764.88	-972502.00	107312.00	-82570.50	2-3	217.50	2.395
3904	180.00	13	SLV(E)	-402230.00	11426.50	-8661.34	-972502.00	106721.00	-82143.80	2-3	217.50	2.418
3905	240.00	13	SLV(E)	-396246.00	9357.71	-7093.18	-972502.00	105788.00	-81471.50	2-3	217.50	2.454
3906	300.00	13	SLV(E)	-388351.00	7015.97	-5318.13	-972502.00	104535.00	-80567.10	2-3	217.50	2.504
3907	360.00	13	SLV(E)	-378772.00	4743.98	-3595.96	-972502.00	102978.00	-79443.10	2-3	217.50	2.568
3908	420.00	13	SLV(E)	-367725.00	2798.82	-2121.52	-972502.00	101994.00	-76971.20	2-3	216.88	2.645
3909	480.00	13	SLV(E)	-355416.00	1318.99	-999.80	-972502.00	99916.10	-75498.10	2-3	216.88	2.736
3910	540.00	13	SLV(E)	-342035.00	329.43	-249.71	-972502.00	97684.80	-73778.20	2-3	216.88	2.843
3911	600.00	13	SLV(E)	-328286.00	-235.37	178.41	-972502.00	-94654.50	72926.20	2-3	37.50	2.962
3912	660.00	13	SLV(E)	-314522.00	-483.23	366.29	-972502.00	-92310.70	70949.70	2-3	37.50	3.092
3913	720.00	13	SLV(E)	-300807.00	-524.60	397.65	-972502.00	-89939.50	68945.10	2-3	37.50	3.233
3914	780.00	13	SLV(E)	-287202.00	-452.63	343.09	-972502.00	-87550.90	66921.50	2-3	37.50	3.386
3915	840.00	13	SLV(E)	-273761.00	-335.61	254.39	-972502.00	-85157.30	64889.70	2-3	37.50	3.552
3916	900.00	13	SLV(E)	-260531.00	-216.85	164.37	-972502.00	-82722.30	62822.00	2-3	37.50	3.733
3917	960.00	13	SLV(E)	-247553.00	-118.86	90.10	-972502.00	-80281.40	60768.50	2-3	37.50	3.928
3918	1020.00	13	SLV(E)	-234863.00	-49.31	37.38	-972502.00	-77807.80	58803.60	2-3	37.50	4.141
3919	1080.00	13	SLV(E)	-222493.00	-6.77	5.13	-972502.00	-75255.30	57008.10	2-3	37.50	4.371
3920	1140.00	13	SLV(E)	-210467.00	14.55	-11.03	-972502.00	72737.60	-55243.40	2-3	217.50	4.621
3921	1200.00	13	SLV(E)	-198808.00	21.56	-16.34	-972502.00	70209.90	-53476.10	2-3	217.50	4.892
3922	1260.00	13	SLV(E)	-187533.00	20.40	-15.47	-972502.00	67737.00	-51754.40	2-3	217.50	5.186
3923	1320.00	13	SLV(E)	-176655.00	15.65	-11.86	-972502.00	65313.20	-50071.80	2-3	217.50	5.505
3924	1380.00	13	SLV(E)	-166183.00	10.21	-7.74	-972502.00	62955.50	-48443.40	2-3	217.50	5.852
3925	1440.00	13	SLV(E)	-156124.00	5.58	-4.23	-972502.00	61164.70	-46159.20	2-3	216.88	6.229
3926	1500.00	13	SLV(E)	-146480.00	2.30	-1.74	-972502.00	58910.10	-44637.10	2-3	216.88	6.639
3927	1560.00	13	SLV(E)	-137253.00	0.34	-0.26	-972502.00					7.085
3928	1620.00	13	SLV(E)	-128440.00	-0.60	0.46	-972502.00					7.572
3929	1680.00	13	SLV(E)	-120037.00	-0.88	0.67	-972502.00	-53029.60	39599.40	2-3	36.25	8.102
3930	1740.00	13	SLV(E)	-112038.00	-0.80	0.61	-972502.00	-51168.30	38126.30	2-3	36.25	8.680
3931	1800.00	13	SLV(E)	-104435.00	-0.59	0.44	-972502.00					9.312
3932	1860.00	13	SLV(E)	-97219.30	-0.36	0.27	-972502.00					10.003
3933	1920.00	13	SLV(E)	-90379.00	-0.18	0.13	-972502.00					10.760
3934	1980.00	13	SLV(E)	-83902.80	-0.06	0.04	-972502.00					11.591
3935	2040.00	13	SLV(E)	-77777.80	0.01	-0.01	-972502.00					12.504
3936	2100.00	13	SLV(E)	-71990.40	0.03	-0.02	-972502.00					13.509
3937	2160.00	13	SLV(E)	-66526.40	0.03	-0.03	-972502.00					14.618
3938	2220.00	13	SLV(E)	-61370.70	0.03	-0.02	-972502.00					15.846
3939	2280.00	13	SLV(E)	-56508.20	0.02	-0.01	-972502.00					17.210
3940	2340.00	13	SLV(E)	-51923.00	0.01	-0.01	-972502.00					18.730
3941	2400.00	13	SLV(E)	-47599.30	0.00	-0.00	-972502.00					20.431
3942	2460.00	13	SLV(E)	-43520.70	0.00	-0.00	-972502.00					22.346
3943	2520.00	13	SLV(E)	-39670.90	-0.00	0.00	-972502.00					24.514
3944	2580.00	13	SLV(E)	-36033.40	-0.00	0.00	-972502.00					26.989
3945	2640.00	13	SLV(E)	-32591.20	-0.00	0.00	-972502.00					29.839
3946	2700.00	13	SLV(E)	-29327.70	-0.00	0.00	-972502.00					33.160
3947	2760.00	13	SLV(E)	-26225.70	-0.00	0.00	-972502.00					37.082
3948	2820.00	13	SLV(E)	-23268.00	-0.00	0.00	-972502.00					41.796
3949	2880.00	13	SLV(E)	-20437.20	-0.00	0.00	-972502.00					47.585
3950	2940.00	13	SLV(E)	-17715.30	0.00	0.00	-972502.00					54.896
3951	0.00	15	SLV(E)	-395624.00	13276.30	-10672.90	-972502.00	103944.00	-83784.70	2-3	218.75	2.458

3952	60.00	15	SLV(E)	-396802.00	13249.50	-10651.40	-972502.00	104126.00	-83920.40	2-3	218.75	2.451
3953	120.00	15	SLV(E)	-395416.00	12607.30	-10135.00	-972502.00	103912.00	-83760.50	2-3	218.75	2.459
3954	180.00	15	SLV(E)	-391703.00	11182.10	-8989.32	-972502.00	103335.00	-83329.80	2-3	218.75	2.483
3955	240.00	15	SLV(E)	-385898.00	9157.21	-7361.52	-972502.00	102411.00	-82639.00	2-3	218.75	2.520
3956	300.00	15	SLV(E)	-378230.00	6865.40	-5519.13	-972502.00	101175.00	-81714.40	2-3	218.75	2.571
3957	360.00	15	SLV(E)	-368919.00	4641.98	-3731.71	-972502.00	99656.40	-80578.30	2-3	218.75	2.636
3958	420.00	15	SLV(E)	-358177.00	2738.48	-2201.48	-972502.00	97944.50	-79171.10	2-3	218.75	2.715
3959	480.00	15	SLV(E)	-346203.00	1290.40	-1037.36	-972502.00	96050.60	-77523.80	2-3	218.75	2.809
3960	540.00	15	SLV(E)	-333182.00	322.12	-258.95	-972502.00	93957.40	-75695.70	2-3	218.75	2.919
3961	600.00	15	SLV(E)	-319803.00	-230.49	185.29	-972502.00	-91734.40	73751.40	2-3	38.75	3.041
3962	660.00	15	SLV(E)	-306406.00	-472.98	380.23	-972502.00	-89465.30	71762.60	2-3	38.75	3.174
3963	720.00	15	SLV(E)	-293057.00	-513.40	412.73	-972502.00	-87170.70	69747.90	2-3	38.75	3.318
3964	780.00	15	SLV(E)	-279815.00	-442.94	356.08	-972502.00	-84860.10	67716.00	2-3	38.75	3.476
3965	840.00	15	SLV(E)	-266730.00	-328.41	264.01	-972502.00	-82521.40	65679.20	2-3	38.75	3.646
3966	900.00	15	SLV(E)	-253850.00	-212.19	170.58	-972502.00	-80127.20	63639.40	2-3	38.75	3.831
3967	960.00	15	SLV(E)	-241215.00	-116.30	93.49	-972502.00	-77748.60	61611.20	2-3	38.75	4.032
3968	1020.00	15	SLV(E)	-228861.00	-48.24	38.78	-972502.00	-75388.20	59597.60	2-3	38.75	4.249
3969	1080.00	15	SLV(E)	-216816.00	-6.62	5.32	-972502.00	-72910.90	57797.80	2-3	38.75	4.485
3970	1140.00	15	SLV(E)	-205107.00	14.25	-11.45	-972502.00	70448.50	-56016.10	2-3	218.75	4.741
3971	1200.00	15	SLV(E)	-193754.00	21.10	-16.96	-972502.00	67999.20	-54249.60	2-3	218.75	5.019
3972	1260.00	15	SLV(E)	-182774.00	19.97	-16.05	-972502.00	65596.80	-52522.60	2-3	218.75	5.321
3973	1320.00	15	SLV(E)	-172181.00	15.32	-12.31	-972502.00	63250.10	-50844.10	2-3	218.75	5.648
3974	1380.00	15	SLV(E)	-161982.00	9.99	-8.03	-972502.00	60958.60	-49209.20	2-3	218.75	6.004
3975	1440.00	15	SLV(E)	-152186.00	5.46	-4.39	-972502.00	58741.60	-47635.10	2-3	218.75	6.390
3976	1500.00	15	SLV(E)	-142793.00	2.25	-1.81	-972502.00	56545.70	-46075.90	2-3	218.75	6.811
3977	1560.00	15	SLV(E)	-133806.00	0.33	-0.27	-972502.00					7.268
3978	1620.00	15	SLV(E)	-125223.00	-0.59	0.47	-972502.00					7.766
3979	1680.00	15	SLV(E)	-117038.00	-0.86	0.69	-972502.00	-50769.80	41241.80	2-3	38.75	8.309
3980	1740.00	15	SLV(E)	-109247.00	-0.79	0.63	-972502.00	-49004.50	39736.80	2-3	38.75	8.902
3981	1800.00	15	SLV(E)	-101841.00	-0.57	0.46	-972502.00					9.549
3982	1860.00	15	SLV(E)	-94811.50	-0.35	0.28	-972502.00					10.257
3983	1920.00	15	SLV(E)	-88148.10	-0.17	0.14	-972502.00					11.033
3984	1980.00	15	SLV(E)	-81839.40	-0.06	0.04	-972502.00					11.883
3985	2040.00	15	SLV(E)	-75872.60	0.01	-0.01	-972502.00					12.818
3986	2100.00	15	SLV(E)	-70234.80	0.03	-0.03	-972502.00					13.847
3987	2160.00	15	SLV(E)	-64911.80	0.03	-0.03	-972502.00					14.982
3988	2220.00	15	SLV(E)	-59889.20	0.03	-0.02	-972502.00					16.238
3989	2280.00	15	SLV(E)	-55152.30	0.02	-0.01	-972502.00					17.633
3990	2340.00	15	SLV(E)	-50685.60	0.01	-0.01	-972502.00					19.187
3991	2400.00	15	SLV(E)	-46473.70	0.00	-0.00	-972502.00					20.926
3992	2460.00	15	SLV(E)	-42500.80	0.00	-0.00	-972502.00					22.882
3993	2520.00	15	SLV(E)	-38751.00	-0.00	0.00	-972502.00					25.096
3994	2580.00	15	SLV(E)	-35208.00	-0.00	0.00	-972502.00					27.622
3995	2640.00	15	SLV(E)	-31855.80	-0.00	0.00	-972502.00					30.528
3996	2700.00	15	SLV(E)	-28677.80	-0.00	0.00	-972502.00					33.911
3997	2760.00	15	SLV(E)	-25657.50	-0.00	0.00	-972502.00					37.903
3998	2820.00	15	SLV(E)	-22778.20	-0.00	0.00	-972502.00					42.694
3999	2880.00	15	SLV(E)	-20022.80	-0.00	0.00	-972502.00					48.570
4000	2940.00	15	SLV(E)	-17374.20	0.00	0.00	-972502.00					55.974
4051	0.00	1	SLV(E)	-402484.00	5824.00	-16000.10	-972502.00	45937.40	-126873.00	2-3	250.00	2.416
4052	60.00	1	SLV(E)	-403662.00	5812.37	-15968.10	-972502.00	46022.50	-127084.00	2-3	250.00	2.409
4053	120.00	1	SLV(E)	-402233.00	5530.71	-15194.30	-972502.00	45919.30	-126829.00	2-3	250.00	2.418
4054	180.00	1	SLV(E)	-398439.00	4905.57	-13476.90	-972502.00	45644.60	-126152.00	2-3	250.00	2.441
4055	240.00	1	SLV(E)	-392520.00	4017.32	-11036.60	-972502.00	45214.20	-125093.00	2-3	250.00	2.478
4056	300.00	1	SLV(E)	-384706.00	3011.93	-8274.57	-972502.00	44632.40	-123661.00	2-3	250.00	2.528
4057	360.00	1	SLV(E)	-375224.00	2036.53	-5594.88	-972502.00	43911.20	-121888.00	2-3	250.00	2.592
4058	420.00	1	SLV(E)	-364287.00	1201.45	-3300.71	-972502.00	43208.50	-119759.00	2-3	250.00	2.670
4059	480.00	1	SLV(E)	-352098.00	566.16	-1555.40	-972502.00	42419.80	-117344.00	2-3	250.00	2.762
4060	540.00	1	SLV(E)	-338847.00	141.36	-388.35	-972502.00	41546.70	-114672.00	2-3	250.00	2.870
4061	600.00	1	SLV(E)	-325231.00	-101.09	277.72	-972502.00	-40629.30	111864.00	2-3	70.00	2.990
4062	660.00	1	SLV(E)	-311599.00	-207.48	570.00	-972502.00	-39683.00	108965.00	2-3	70.00	3.121
4063	720.00	1	SLV(E)	-298016.00	-225.22	618.75	-972502.00	-38727.80	106026.00	2-3	70.00	3.263
4064	780.00	1	SLV(E)	-284542.00	-194.32	533.85	-972502.00	-37746.90	103065.00	2-3	70.00	3.418
4065	840.00	1	SLV(E)	-271229.00	-144.08	395.82	-972502.00	-36746.50	100110.00	2-3	70.00	3.586
4066	900.00	1	SLV(E)	-258125.00	-93.09	255.74	-972502.00	-35732.30	97102.80	2-3	70.00	3.768
4067	960.00	1	SLV(E)	-245271.00	-51.02	140.18	-972502.00	-34721.50	94095.20	2-3	70.00	3.965
4068	1020.00	1	SLV(E)	-232702.00	-21.17	58.15	-972502.00	-33723.00	91112.80	2-3	70.00	4.179
4069	1080.00	1	SLV(E)	-220448.00	-2.90	7.98	-972502.00	-32739.80	88162.70	2-3	70.00	4.411
4070	1140.00	1	SLV(E)	-208537.00	6.25	-17.17	-972502.00	31574.70	-85343.90	2-3	250.00	4.663
4071	1200.00	1	SLV(E)	-196988.00	9.26	-25.43	-972502.00	30377.20	-82521.10	2-3	250.00	4.937
4072	1260.00	1	SLV(E)	-185820.00	8.76	-24.07	-972502.00	29197.70	-79761.90	2-3	250.00	5.234
4073	1320.00	1	SLV(E)	-175044.00	6.72	-18.46	-972502.00	28038.90	-77065.00	2-3	250.00	5.556
4074	1380.00	1	SLV(E)	-164670.00	4.38	-12.04	-972502.00	26902.40	-74447.60	2-3	250.00	5.906
4075	1440.00	1	SLV(E)	-154705.00	2.39	-6.58	-972502.00	25794.70	-71913.30	2-3	250.00	6.286
4076	1500.00	1	SLV(E)	-145152.00	0.99	-2.71	-972502.00	24780.70	-69407.60	2-3	250.00	6.700
4077	1560.00	1	SLV(E)	-136012.00	0.15	-0.40	-972502.00					7.150
4078	1620.00	1	SLV(E)	-127281.00	-0.26	0.71	-972502.00					7.641
4079	1680.00	1	SLV(E)	-118957.00	-0.38	1.04	-972502.00	-22286.20	62168.50	2-3	70.00	8.175
4080	1740.00	1	SLV(E)	-111033.00	-0.34	0.95	-972502.00	-21522.00	59942.10	2-3	70.00	8.759
4081	1800.00	1	SLV(E)	-103501.00	-0.25	0.69	-972502.00					9.396
4082	1860.00	1	SLV(E)	-96352.20	-0.15	0.42	-972502.00					10.093
4083	1920.00	1	SLV(E)	-89575.70	-0.08	0.21	-972502.00					10.857
4084	1980.00	1	SLV(E)	-83159.80	-0.02	0.07	-972502.00					11.694
4085	2040.00	1	SLV(E)	-77091.80	0.00	-0.01	-972502.00					12.615

4170	1140.00	5	SLV(E)	-179625.00	5.64	-17.45	-972502.00	25102.80	-79584.10	2-3	252.50	5.414
4171	1200.00	5	SLV(E)	-169727.00	8.31	-25.69	-972502.00	24948.30	-76727.40	2-3	251.88	5.730
4172	1260.00	5	SLV(E)	-160152.00	7.85	-24.26	-972502.00	23957.90	-74278.60	2-3	251.88	6.072
4173	1320.00	5	SLV(E)	-150912.00	6.01	-18.58	-972502.00	23185.90	-71831.30	2-3	251.88	6.444
4174	1380.00	5	SLV(E)	-142015.00	3.91	-12.10	-972502.00	22421.10	-69404.70	2-3	251.88	6.848
4175	1440.00	5	SLV(E)	-133466.00	2.14	-6.60	-972502.00	21675.40	-67035.40	2-3	251.88	7.287
4176	1500.00	5	SLV(E)	-125268.00	0.88	-2.72	-972502.00	20950.20	-64726.80	2-3	251.88	7.763
4177	1560.00	5	SLV(E)	-117423.00	0.13	-0.39	-972502.00					8.282
4178	1620.00	5	SLV(E)	-109928.00	-0.23	0.72	-972502.00					8.847
4179	1680.00	5	SLV(E)	-102781.00	-0.34	1.05	-972502.00	-18950.10	58335.50	2-3	71.88	9.462
4180	1740.00	5	SLV(E)	-95976.20	-0.31	0.95	-972502.00	-18342.10	56382.80	2-3	71.88	10.133
4181	1800.00	5	SLV(E)	-89507.00	-0.22	0.69	-972502.00					10.865
4182	1860.00	5	SLV(E)	-83365.80	-0.14	0.42	-972502.00					11.665
4183	1920.00	5	SLV(E)	-77543.70	-0.07	0.21	-972502.00					12.541
4184	1980.00	5	SLV(E)	-72030.80	-0.02	0.07	-972502.00					13.501
4185	2040.00	5	SLV(E)	-66816.30	0.00	-0.01	-972502.00					14.555
4186	2100.00	5	SLV(E)	-61888.90	0.01	-0.04	-972502.00					15.714
4187	2160.00	5	SLV(E)	-57236.60	0.01	-0.04	-972502.00					16.991
4188	2220.00	5	SLV(E)	-52846.90	0.01	-0.03	-972502.00					18.402
4189	2280.00	5	SLV(E)	-48706.90	0.01	-0.02	-972502.00					19.966
4190	2340.00	5	SLV(E)	-44803.50	0.00	-0.01	-972502.00					21.706
4191	2400.00	5	SLV(E)	-41123.30	0.00	-0.00	-972502.00					23.648
4192	2460.00	5	SLV(E)	-37652.60	0.00	-0.00	-972502.00					25.828
4193	2520.00	5	SLV(E)	-34377.80	-0.00	0.00	-972502.00					28.289
4194	2580.00	5	SLV(E)	-31284.80	-0.00	0.00	-972502.00					31.085
4195	2640.00	5	SLV(E)	-28359.60	-0.00	0.00	-972502.00					34.292
4196	2700.00	5	SLV(E)	-25588.20	-0.00	0.00	-972502.00					38.006
4197	2760.00	5	SLV(E)	-22956.30	-0.00	0.00	-972502.00					42.363
4198	2820.00	5	SLV(E)	-20449.50	-0.00	0.00	-972502.00					47.556
4199	2880.00	5	SLV(E)	-18053.20	-0.00	0.00	-972502.00					53.869
4200	2940.00	5	SLV(E)	-15752.60	0.00	0.00	-972502.00					61.736
4201	0.00	7	SLV(E)	-350304.00	4687.60	-16351.30	-972502.00	34894.00	-119829.00	2-3	253.75	2.776
4202	60.00	7	SLV(E)	-351482.00	4673.49	-16302.10	-972502.00	34962.30	-120069.00	2-3	253.75	2.767
4203	120.00	7	SLV(E)	-350376.00	4443.18	-15498.70	-972502.00	34898.00	-119843.00	2-3	253.75	2.776
4204	180.00	7	SLV(E)	-347196.00	3938.07	-13736.80	-972502.00	34714.00	-119198.00	2-3	253.75	2.801
4205	240.00	7	SLV(E)	-342150.00	3222.86	-11242.00	-972502.00	34419.80	-118163.00	2-3	253.75	2.842
4206	300.00	7	SLV(E)	-335441.00	2414.67	-8422.84	-972502.00	34028.80	-116787.00	2-3	253.75	2.899
4207	360.00	7	SLV(E)	-327266.00	1631.40	-5690.65	-972502.00	33548.50	-115094.00	2-3	253.75	2.972
4208	420.00	7	SLV(E)	-317810.00	961.37	-3353.44	-972502.00	32972.80	-113063.00	2-3	253.75	3.060
4209	480.00	7	SLV(E)	-307252.00	452.02	-1576.75	-972502.00	32317.60	-110752.00	2-3	253.75	3.165
4210	540.00	7	SLV(E)	-295756.00	111.73	-389.75	-972502.00	31597.00	-108212.00	2-3	253.75	3.288
4211	600.00	7	SLV(E)	-283935.00	-82.23	286.85	-972502.00	-30847.50	105574.00	2-3	73.75	3.425
4212	660.00	7	SLV(E)	-272095.00	-167.12	582.95	-972502.00	-30087.20	102903.00	2-3	73.75	3.574
4213	720.00	7	SLV(E)	-260293.00	-181.01	631.39	-972502.00	-29310.00	100176.00	2-3	73.75	3.736
4214	780.00	7	SLV(E)	-248581.00	-155.98	544.10	-972502.00	-28511.90	97380.30	2-3	73.75	3.912
4215	840.00	7	SLV(E)	-237005.00	-115.55	403.05	-972502.00	-27715.60	94591.90	2-3	73.75	4.103
4216	900.00	7	SLV(E)	-225606.00	-74.59	260.17	-972502.00	-26924.50	91822.30	2-3	73.75	4.311
4217	960.00	7	SLV(E)	-214422.00	-40.83	142.42	-972502.00	-26142.00	89081.90	2-3	73.75	4.535
4218	1020.00	7	SLV(E)	-203483.00	-16.89	58.92	-972502.00	-25364.90	86359.70	2-3	73.75	4.779
4219	1080.00	7	SLV(E)	-192816.00	-2.27	7.90	-972502.00	-24577.30	83600.30	2-3	73.75	5.044
4220	1140.00	7	SLV(E)	-182443.00	5.05	-17.63	-972502.00	23633.40	-80946.80	2-3	253.75	5.330
4221	1200.00	7	SLV(E)	-172384.00	7.45	-25.98	-972502.00	22672.20	-78358.80	2-3	253.75	5.641
4222	1260.00	7	SLV(E)	-162654.00	7.04	-24.54	-972502.00	21930.10	-75782.20	2-3	253.75	5.979
4223	1320.00	7	SLV(E)	-153264.00	5.39	-18.80	-972502.00	21212.60	-73285.00	2-3	253.75	6.345
4224	1380.00	7	SLV(E)	-144223.00	3.51	-12.25	-972502.00	20508.50	-70826.70	2-3	253.75	6.743
4225	1440.00	7	SLV(E)	-135536.00	1.92	-6.69	-972502.00	19813.10	-68390.90	2-3	253.75	7.175
4226	1500.00	7	SLV(E)	-127207.00	0.79	-2.75	-972502.00	19141.10	-66028.10	2-3	253.75	7.645
4227	1560.00	7	SLV(E)	-119235.00	0.11	-0.40	-972502.00					8.156
4228	1620.00	7	SLV(E)	-111620.00	-0.21	0.73	-972502.00					8.713
4229	1680.00	7	SLV(E)	-104358.00	-0.30	1.06	-972502.00	-17288.50	59487.50	2-3	73.75	9.319
4230	1740.00	7	SLV(E)	-97443.90	-0.28	0.96	-972502.00	-16722.70	57491.20	2-3	73.75	9.980
4231	1800.00	7	SLV(E)	-90871.10	-0.20	0.70	-972502.00					10.702
4232	1860.00	7	SLV(E)	-84631.70	-0.12	0.43	-972502.00					11.491
4233	1920.00	7	SLV(E)	-78716.50	-0.06	0.21	-972502.00					12.354
4234	1980.00	7	SLV(E)	-73115.60	-0.02	0.07	-972502.00					13.301
4235	2040.00	7	SLV(E)	-67817.90	0.00	-0.01	-972502.00					14.340
4236	2100.00	7	SLV(E)	-62812.00	0.01	-0.04	-972502.00					15.483
4237	2160.00	7	SLV(E)	-58085.50	0.01	-0.04	-972502.00					16.743
4238	2220.00	7	SLV(E)	-53625.80	0.01	-0.03	-972502.00					18.135
4239	2280.00	7	SLV(E)	-49419.80	0.01	-0.02	-972502.00					19.678
4240	2340.00	7	SLV(E)	-45454.10	0.00	-0.01	-972502.00					21.395
4241	2400.00	7	SLV(E)	-41715.10	0.00	-0.00	-972502.00					23.313
4242	2460.00	7	SLV(E)	-38188.80	0.00	-0.00	-972502.00					25.466
4243	2520.00	7	SLV(E)	-34861.40	-0.00	0.00	-972502.00					27.896
4244	2580.00	7	SLV(E)	-31718.70	-0.00	0.00	-972502.00					30.660
4245	2640.00	7	SLV(E)	-28746.30	-0.00	0.00	-972502.00					33.831
4246	2700.00	7	SLV(E)	-25929.90	-0.00	0.00	-972502.00					37.505
4247	2760.00	7	SLV(E)	-23255.10	-0.00	0.00	-972502.00					41.819
4248	2820.00	7	SLV(E)	-20707.10	-0.00	0.00	-972502.00					46.965
4249	2880.00	7	SLV(E)	-18271.10	-0.00	0.00	-972502.00					53.226
4250	2940.00	7	SLV(E)	-15932.00	0.00	0.00	-972502.00					61.041
4251	0.00	9	SLV(E)	-375673.00	6249.01	-15853.00	-972502.00	46598.20	-120860.00	2-3	248.75	2.589
4252	60.00	9	SLV(E)	-376851.00	6234.45	-15816.00	-972502.00	46692.00	-121079.00	2-3	248.75	2.581
4253	120.00	9	SLV(E)	-375588.00	5930.65	-15045.30	-972502.00	46591.00	-120843.00	2-3	248.75	2.589

4254	180.00	9	SLV(E)	-372110.00	5259.04	-13341.50	-972502.00	46311.40	-120190.00	2-3	248.75	2.613
4255	240.00	9	SLV(E)	-366639.00	4305.84	-10923.40	-972502.00	45871.30	-119162.00	2-3	248.75	2.652
4256	300.00	9	SLV(E)	-359393.00	3227.54	-8187.85	-972502.00	45359.90	-117755.00	2-3	248.75	2.706
4257	360.00	9	SLV(E)	-350583.00	2181.74	-5534.81	-972502.00	44756.90	-116016.00	2-3	248.75	2.774
4258	420.00	9	SLV(E)	-340407.00	1286.65	-3264.07	-972502.00	44050.30	-113979.00	2-3	248.75	2.857
4259	480.00	9	SLV(E)	-329056.00	605.87	-1537.02	-972502.00	43248.60	-111667.00	2-3	248.75	2.955
4260	540.00	9	SLV(E)	-316707.00	150.78	-382.51	-972502.00	42349.30	-109073.00	2-3	248.75	3.071
4261	600.00	9	SLV(E)	-304013.00	-108.85	276.13	-972502.00	-41413.50	106364.00	2-3	68.75	3.199
4262	660.00	9	SLV(E)	-291302.00	-222.68	564.90	-972502.00	-40466.70	103611.00	2-3	68.75	3.338
4263	720.00	9	SLV(E)	-278634.00	-241.54	612.76	-972502.00	-39513.50	100820.00	2-3	68.75	3.490
4264	780.00	9	SLV(E)	-266065.00	-208.32	528.47	-972502.00	-38538.90	97996.50	2-3	68.75	3.655
4265	840.00	9	SLV(E)	-253644.00	-154.41	391.72	-972502.00	-37523.90	95136.40	2-3	68.75	3.834
4266	900.00	9	SLV(E)	-241417.00	-99.73	253.01	-972502.00	-36518.10	92284.90	2-3	68.75	4.028
4267	960.00	9	SLV(E)	-229420.00	-54.64	138.62	-972502.00	-35521.20	89444.40	2-3	68.75	4.239
4268	1020.00	9	SLV(E)	-217689.00	-22.65	57.45	-972502.00	-34325.40	86711.60	2-3	68.75	4.467
4269	1080.00	9	SLV(E)	-206250.00	-3.08	7.82	-972502.00	-33128.90	84008.00	2-3	68.75	4.715
4270	1140.00	9	SLV(E)	-195130.00	6.71	-17.03	-972502.00	31930.40	-81306.60	2-3	248.75	4.984
4271	1200.00	9	SLV(E)	-184347.00	9.93	-25.19	-972502.00	30747.90	-78659.20	2-3	248.75	5.275
4272	1260.00	9	SLV(E)	-173917.00	9.39	-23.83	-972502.00	29585.10	-76071.60	2-3	248.75	5.592
4273	1320.00	9	SLV(E)	-163853.00	7.20	-18.27	-972502.00	28442.20	-73549.80	2-3	248.75	5.935
4274	1380.00	9	SLV(E)	-154164.00	4.69	-11.91	-972502.00	27325.90	-71104.40	2-3	248.75	6.308
4275	1440.00	9	SLV(E)	-144856.00	2.56	-6.51	-972502.00	26979.70	-68355.00	2-3	248.13	6.714
4276	1500.00	9	SLV(E)	-135932.00	1.06	-2.68	-972502.00	25906.40	-66008.00	2-3	248.13	7.154
4277	1560.00	9	SLV(E)	-127392.00	0.16	-0.39	-972502.00					7.634
4278	1620.00	9	SLV(E)	-119234.00	-0.28	0.70	-972502.00					8.156
4279	1680.00	9	SLV(E)	-111456.00	-0.41	1.03	-972502.00	-23387.60	59258.90	2-3	68.13	8.725
4280	1740.00	9	SLV(E)	-104051.00	-0.37	0.94	-972502.00	-22620.00	57185.20	2-3	68.13	9.346
4281	1800.00	9	SLV(E)	-97011.70	-0.27	0.68	-972502.00					10.025
4282	1860.00	9	SLV(E)	-90330.10	-0.16	0.42	-972502.00					10.766
4283	1920.00	9	SLV(E)	-83996.10	-0.08	0.20	-972502.00					11.578
4284	1980.00	9	SLV(E)	-77999.00	-0.03	0.07	-972502.00					12.468
4285	2040.00	9	SLV(E)	-72326.80	0.00	-0.01	-972502.00					13.446
4286	2100.00	9	SLV(E)	-66967.10	0.01	-0.04	-972502.00					14.522
4287	2160.00	9	SLV(E)	-61906.70	0.02	-0.04	-972502.00					15.709
4288	2220.00	9	SLV(E)	-57131.90	0.01	-0.03	-972502.00					17.022
4289	2280.00	9	SLV(E)	-52628.70	0.01	-0.02	-972502.00					18.479
4290	2340.00	9	SLV(E)	-48382.60	0.00	-0.01	-972502.00					20.100
4291	2400.00	9	SLV(E)	-44378.90	0.00	-0.00	-972502.00					21.914
4292	2460.00	9	SLV(E)	-40602.60	0.00	-0.00	-972502.00					23.952
4293	2520.00	9	SLV(E)	-37038.70	-0.00	0.00	-972502.00					26.256
4294	2580.00	9	SLV(E)	-33671.90	-0.00	0.00	-972502.00					28.882
4295	2640.00	9	SLV(E)	-30486.90	-0.00	0.00	-972502.00					31.899
4296	2700.00	9	SLV(E)	-27468.10	-0.00	0.00	-972502.00					35.405
4297	2760.00	9	SLV(E)	-24599.90	-0.00	0.00	-972502.00					39.533
4298	2820.00	9	SLV(E)	-21866.40	-0.00	0.00	-972502.00					44.475
4299	2880.00	9	SLV(E)	-19251.70	-0.00	0.00	-972502.00					50.515
4300	2940.00	9	SLV(E)	-16739.30	0.00	0.00	-972502.00					58.097
4301	0.00	11	SLV(E)	-358329.00	6070.84	-15904.90	-972502.00	45287.30	-117545.00	2-3	248.75	2.714
4302	60.00	11	SLV(E)	-359507.00	6054.05	-15860.90	-972502.00	45367.30	-117777.00	2-3	248.75	2.705
4303	120.00	11	SLV(E)	-358351.00	5756.91	-15082.40	-972502.00	45289.40	-117551.00	2-3	248.75	2.714
4304	180.00	11	SLV(E)	-355076.00	5103.36	-13370.20	-972502.00	45065.50	-116906.00	2-3	248.75	2.739
4305	240.00	11	SLV(E)	-349896.00	4177.19	-10943.80	-972502.00	44709.30	-115879.00	2-3	248.75	2.779
4306	300.00	11	SLV(E)	-343018.00	3130.20	-8200.77	-972502.00	44232.80	-114505.00	2-3	248.75	2.835
4307	360.00	11	SLV(E)	-334641.00	2115.23	-5541.67	-972502.00	43647.70	-112817.00	2-3	248.75	2.906
4308	420.00	11	SLV(E)	-324958.00	1246.83	-3266.54	-972502.00	42951.20	-110810.00	2-3	248.75	2.993
4309	480.00	11	SLV(E)	-314149.00	586.56	-1536.72	-972502.00	42161.20	-108530.00	2-3	248.75	3.096
4310	540.00	11	SLV(E)	-302383.00	145.35	-380.79	-972502.00	41292.90	-106015.00	2-3	248.75	3.216
4311	600.00	11	SLV(E)	-290286.00	-106.23	278.30	-972502.00	-40390.80	103389.00	2-3	68.75	3.350
4312	660.00	11	SLV(E)	-278170.00	-216.40	566.94	-972502.00	-38388.40	101192.00	2-3	69.38	3.496
4313	720.00	11	SLV(E)	-266094.00	-234.51	614.38	-972502.00	-37448.90	98483.00	2-3	69.38	3.655
4314	780.00	11	SLV(E)	-254111.00	-202.14	529.59	-972502.00	-36491.50	95715.50	2-3	69.38	3.827
4315	840.00	11	SLV(E)	-242268.00	-149.78	392.39	-972502.00	-35538.00	92944.90	2-3	69.38	4.014
4316	900.00	11	SLV(E)	-230608.00	-96.70	253.35	-972502.00	-34589.40	90177.30	2-3	69.38	4.217
4317	960.00	11	SLV(E)	-219166.00	-52.95	138.73	-972502.00	-33558.70	87463.00	2-3	69.38	4.437
4318	1020.00	11	SLV(E)	-207976.00	-21.92	57.43	-972502.00	-32416.40	84823.30	2-3	69.38	4.676
4319	1080.00	11	SLV(E)	-197065.00	-2.96	7.75	-972502.00	-31264.40	82166.80	2-3	69.38	4.935
4320	1140.00	11	SLV(E)	-186456.00	6.54	-17.12	-972502.00	30981.40	-79181.10	2-3	248.75	5.216
4321	1200.00	11	SLV(E)	-176168.00	9.65	-25.27	-972502.00	29837.50	-76631.40	2-3	248.75	5.520
4322	1260.00	11	SLV(E)	-166217.00	9.12	-23.88	-972502.00	28711.80	-74142.10	2-3	248.75	5.851
4323	1320.00	11	SLV(E)	-156614.00	6.99	-18.31	-972502.00	27609.00	-71724.20	2-3	248.75	6.210
4324	1380.00	11	SLV(E)	-147368.00	4.55	-11.93	-972502.00	26521.70	-69355.00	2-3	248.75	6.599
4325	1440.00	11	SLV(E)	-138484.00	2.49	-6.51	-972502.00	25502.90	-67004.90	2-3	248.75	7.022
4326	1500.00	11	SLV(E)	-129966.00	1.02	-2.68	-972502.00	24653.30	-64674.90	2-3	248.75	7.483
4327	1560.00	11	SLV(E)	-121815.00	0.15	-0.39	-972502.00					7.983
4328	1620.00	11	SLV(E)	-114029.00	-0.27	0.71	-972502.00					8.529
4329	1680.00	11	SLV(E)	-106603.00	-0.39	1.03	-972502.00	-22292.50	58170.40	2-3	68.75	9.123
4330	1740.00	11	SLV(E)	-99533.70	-0.36	0.94	-972502.00	-21575.00	56174.90	2-3	68.75	9.771
4331	1800.00	11	SLV(E)	-92813.50	-0.26	0.68	-972502.00					10.478
4332	1860.00	11	SLV(E)	-86434.20	-0.16	0.42	-972502.00					11.251
4333	1920.00	11	SLV(E)	-80386.60	-0.08	0.20	-972502.00					12.098
4334	1980.00	11	SLV(E)	-74660.30	-0.03	0.07	-972502.00					13.026
4335	2040.00	11	SLV(E)	-69244.20	0.00	-0.01	-972502.00					14.044
4336	2100.00	11	SLV(E)	-64126.30	0.01	-0.04	-972502.00					15.165
4337	2160.00	11	SLV(E)	-59294.20	0.02	-0.04	-972502.00					16.401

4422	1260.00	15	SLV(E)	-174557.00	6.41	-24.80	-972502.00	20465.40	-79632.20	2-3	255.63	5.571
4423	1320.00	15	SLV(E)	-164455.00	4.91	-19.02	-972502.00	20557.50	-76807.80	2-3	255.00	5.913
4424	1380.00	15	SLV(E)	-154729.00	3.20	-12.40	-972502.00	19858.90	-74206.30	2-3	255.00	6.285
4425	1440.00	15	SLV(E)	-145386.00	1.75	-6.77	-972502.00	19180.40	-71668.90	2-3	255.00	6.689
4426	1500.00	15	SLV(E)	-136427.00	0.72	-2.79	-972502.00	18506.20	-69135.80	2-3	255.00	7.128
4427	1560.00	15	SLV(E)	-127855.00	0.11	-0.41	-972502.00					7.606
4428	1620.00	15	SLV(E)	-119667.00	-0.19	0.73	-972502.00					8.127
4429	1680.00	15	SLV(E)	-111859.00	-0.28	1.07	-972502.00	-15984.10	62215.90	2-3	75.63	8.694
4430	1740.00	15	SLV(E)	-104426.00	-0.25	0.98	-972502.00	-15434.80	60068.30	2-3	75.63	9.313
4431	1800.00	15	SLV(E)	-97360.50	-0.18	0.71	-972502.00					9.989
4432	1860.00	15	SLV(E)	-90653.80	-0.11	0.43	-972502.00					10.728
4433	1920.00	15	SLV(E)	-84296.00	-0.06	0.21	-972502.00					11.537
4434	1980.00	15	SLV(E)	-78276.40	-0.02	0.07	-972502.00					12.424
4435	2040.00	15	SLV(E)	-72582.90	0.00	-0.01	-972502.00					13.399
4436	2100.00	15	SLV(E)	-67203.10	0.01	-0.04	-972502.00					14.471
4437	2160.00	15	SLV(E)	-62123.70	0.01	-0.04	-972502.00					15.654
4438	2220.00	15	SLV(E)	-57331.10	0.01	-0.03	-972502.00					16.963
4439	2280.00	15	SLV(E)	-52811.00	0.01	-0.02	-972502.00					18.415
4440	2340.00	15	SLV(E)	-48548.90	0.00	-0.01	-972502.00					20.031
4441	2400.00	15	SLV(E)	-44530.20	0.00	-0.00	-972502.00					21.839
4442	2460.00	15	SLV(E)	-40739.70	0.00	-0.00	-972502.00					23.871
4443	2520.00	15	SLV(E)	-37162.40	-0.00	0.00	-972502.00					26.169
4444	2580.00	15	SLV(E)	-33782.90	-0.00	0.00	-972502.00					28.787
4445	2640.00	15	SLV(E)	-30585.80	-0.00	0.00	-972502.00					31.796
4446	2700.00	15	SLV(E)	-27555.50	-0.00	0.00	-972502.00					35.292
4447	2760.00	15	SLV(E)	-24676.30	-0.00	0.00	-972502.00					39.410
4448	2820.00	15	SLV(E)	-21932.30	-0.00	0.00	-972502.00					44.341
4449	2880.00	15	SLV(E)	-19307.40	-0.00	0.00	-972502.00					50.370
4450	2940.00	15	SLV(E)	-16785.10	0.00	0.00	-972502.00					57.938

Stato limite ultimo - Verifiche a taglio

Caso	X <cm>	CC	TCC	Ty <daN>	Tz <daN>	bw <cm>	Asw <cmq>	Vsdu <daN>	ctgθ	VRsd <daN>	VRcd <daN>	Vrdu <daN>	Sic.
1	0.00	1	SLV(E)	-189.75	-57.22	0.71	10.05	198.19	1.00	23922.00	261450.00	23922.00	>100
2	60.00	1	SLV(E)	539.76	162.77	0.71	10.05	563.77	1.00	23922.00	261450.00	23922.00	42.432
3	120.00	1	SLV(E)	2128.97	642.00	0.71	10.05	2223.36	1.00	23922.00	261450.00	23922.00	10.758
4	180.00	1	SLV(E)	3626.10	1093.46	0.71	10.05	3787.39	1.00	23922.00	261450.00	23922.00	6.316
5	240.00	1	SLV(E)	4535.41	1367.67	0.71	10.05	4737.13	1.00	23922.00	261450.00	23922.00	5.050
6	300.00	1	SLV(E)	4721.58	1423.81	0.71	10.05	4931.59	1.00	23922.00	261450.00	23922.00	4.851
7	360.00	1	SLV(E)	4287.83	1293.01	0.71	10.05	4478.55	1.00	23922.00	261450.00	23922.00	5.341
8	420.00	1	SLV(E)	3454.84	1041.82	0.71	10.05	3608.51	1.00	23922.00	261450.00	23922.00	6.629
9	480.00	1	SLV(E)	2462.95	742.71	0.71	10.05	2572.50	1.00	23922.00	261450.00	23922.00	9.299
10	540.00	1	SLV(E)	1524.22	459.63	0.71	10.05	1592.02	1.00	23922.00	261450.00	23922.00	15.026
11	600.00	1	SLV(E)	775.41	233.83	0.71	10.05	809.90	1.00	23922.00	261450.00	23922.00	29.537
12	660.00	1	SLV(E)	254.85	76.85	0.71	10.05	266.19	1.00	23922.00	261450.00	23922.00	89.868
13	720.00	1	SLV(E)	-57.75	-17.42	0.71	10.05	60.32	1.00	23922.00	261147.00	23922.00	>100
14	780.00	1	SLV(E)	-207.65	-62.62	0.71	10.05	216.89	1.00	23922.00	259190.00	23922.00	>100
15	840.00	1	SLV(E)	-246.69	-74.39	0.71	10.05	257.67	1.00	23922.00	257256.00	23922.00	92.841
16	900.00	1	SLV(E)	-221.66	-66.84	0.71	10.05	231.52	1.00	23922.00	255352.00	23922.00	>100
17	960.00	1	SLV(E)	-168.44	-50.79	0.71	10.05	175.93	1.00	23922.00	253485.00	23922.00	>100
18	1020.00	1	SLV(E)	-110.78	-33.41	0.71	10.05	115.70	1.00	23922.00	251660.00	23922.00	>100
19	1080.00	1	SLV(E)	-61.66	-18.60	0.71	10.05	64.41	1.00	23922.00	249880.00	23922.00	>100
20	1140.00	1	SLV(E)	-26.11	-7.87	0.71	10.05	27.27	1.00	23922.00	248150.00	23922.00	>100
21	1200.00	1	SLV(E)	-4.05	-1.22	0.71	10.05	4.23	1.00	23922.00	246473.00	23922.00	>100
22	1260.00	1	SLV(E)	7.15	2.16	0.71	10.05	7.47	1.00	23922.00	244850.00	23922.00	>100
23	1320.00	1	SLV(E)	10.92	3.29	0.71	10.05	11.41	1.00	23922.00	243285.00	23922.00	>100
24	1380.00	1	SLV(E)	10.40	3.14	0.71	10.05	10.87	1.00	23922.00	241779.00	23922.00	>100
25	1440.00	1	SLV(E)	7.98	2.41	0.71	10.05	8.33	1.00	23922.00	240332.00	23922.00	>100
26	1500.00	1	SLV(E)	5.17	1.56	0.71	10.05	5.40	1.00	23922.00	238945.00	23922.00	>100
29	1680.00	1	SLV(E)	0.11	0.03	0.71	10.05	0.12	1.00	23922.00	235140.00	23922.00	>100
30	1740.00	1	SLV(E)	-0.35	-0.11	0.71	10.05	0.37	1.00	23922.00	233990.00	23922.00	>100
51	0.00	3	SLV(E)	-191.53	50.17	0.71	10.05	197.99	1.00	23922.00	261450.00	23922.00	>100
52	60.00	3	SLV(E)	545.89	-142.99	0.71	10.05	564.31	1.00	23922.00	261450.00	23922.00	42.392
53	120.00	3	SLV(E)	2152.32	-563.79	0.71	10.05	2224.93	1.00	23922.00	261450.00	23922.00	10.752
54	180.00	3	SLV(E)	3665.65	-960.20	0.71	10.05	3789.32	1.00	23922.00	261450.00	23922.00	6.313
55	240.00	3	SLV(E)	4584.77	-1200.96	0.71	10.05	4739.45	1.00	23922.00	261450.00	23922.00	5.047
56	300.00	3	SLV(E)	4772.91	-1250.24	0.71	10.05	4933.94	1.00	23922.00	261450.00	23922.00	4.848
57	360.00	3	SLV(E)	4334.41	-1135.37	0.71	10.05	4480.64	1.00	23922.00	261450.00	23922.00	5.339
58	420.00	3	SLV(E)	3492.34	-914.80	0.71	10.05	3610.17	1.00	23922.00	261450.00	23922.00	6.626
59	480.00	3	SLV(E)	2489.67	-652.15	0.71	10.05	2573.66	1.00	23922.00	261450.00	23922.00	9.295
60	540.00	3	SLV(E)	1540.74	-403.59	0.71	10.05	1592.72	1.00	23922.00	261450.00	23922.00	15.020
61	600.00	3	SLV(E)	783.80	-205.31	0.71	10.05	810.24	1.00	23922.00	261450.00	23922.00	29.524
62	660.00	3	SLV(E)	257.60	-67.48	0.71	10.05	266.29	1.00	23922.00	261450.00	23922.00	89.835
63	720.00	3	SLV(E)	-58.40	15.30	0.71	10.05	60.37	1.00	23922.00	260563.00	23922.00	>100
64	780.00	3	SLV(E)	-209.91	54.99	0.71	10.05	217.00	1.00	23922.00	258633.00	23922.00	>100
65	840.00	3	SLV(E)	-249.38	65.32	0.71	10.05	257.79	1.00	23922.00	256726.00	23922.00	92.796
66	900.00	3	SLV(E)	-224.06	58.69	0.71	10.05	231.63	1.00	23922.00	254849.00	23922.00	>100
67	960.00	3	SLV(E)	-170.27	44.60	0.71	10.05	176.01	1.00	23922.00	253007.00	23922.00	>100
68	1020.00	3	SLV(E)	-111.98	29.33	0.71	10.05	115.76	1.00	23922.00	251207.00	23922.00	>100
69	1080.00	3	SLV(E)	-62.33	16.33	0.71	10.05	64.44	1.00	23922.00	249452.00	23922.00	>100
70	1140.00	3	SLV(E)	-26.39	6.91	0.71	10.05	27.28	1.00	23922.00	247746.00	23922.00	>100
71	1200.00	3	SLV(E)	-4.09	1.07	0.71	10.05	4.23	1.00	23922.00	246091.00	23922.00	>100
72	1260.00	3	SLV(E)	7.23	-1.89	0.71	10.05	7.48	1.00	23922.00	244492.00	23922.00	>100

73	1320.00	3	SLV(E)	11.04	-2.89	0.71	10.05	11.41	1.00	23922.00	242948.00	23922.00	>100
74	1380.00	3	SLV(E)	10.52	-2.75	0.71	10.05	10.87	1.00	23922.00	241462.00	23922.00	>100
75	1440.00	3	SLV(E)	8.06	-2.11	0.71	10.05	8.34	1.00	23922.00	240035.00	23922.00	>100
76	1500.00	3	SLV(E)	5.23	-1.37	0.71	10.05	5.40	1.00	23922.00	238667.00	23922.00	>100
79	1680.00	3	SLV(E)	0.11	-0.03	0.71	10.05	0.12	1.00	23922.00	234914.00	23922.00	>100
80	1740.00	3	SLV(E)	-0.36	0.09	0.71	10.05	0.37	1.00	23922.00	233779.00	23922.00	>100
101	0.00	5	SLV(E)	154.92	-60.98	0.71	10.05	166.49	1.00	23922.00	261450.00	23922.00	>100
102	60.00	5	SLV(E)	-550.05	216.50	0.71	10.05	591.12	1.00	23922.00	261450.00	23922.00	40.469
103	120.00	5	SLV(E)	-2084.91	820.63	0.71	10.05	2240.59	1.00	23922.00	261450.00	23922.00	10.677
104	180.00	5	SLV(E)	-3528.91	1388.99	0.71	10.05	3792.42	1.00	23922.00	261450.00	23922.00	6.308
105	240.00	5	SLV(E)	-4403.17	1733.10	0.71	10.05	4731.98	1.00	23922.00	261450.00	23922.00	5.055
106	300.00	5	SLV(E)	-4577.75	1801.82	0.71	10.05	4919.59	1.00	23922.00	261450.00	23922.00	4.863
107	360.00	5	SLV(E)	-4153.27	1634.74	0.71	10.05	4463.41	1.00	23922.00	261450.00	23922.00	5.360
108	420.00	5	SLV(E)	-3343.71	1316.09	0.71	10.05	3593.39	1.00	23922.00	261450.00	23922.00	6.657
109	480.00	5	SLV(E)	-2381.71	937.45	0.71	10.05	2559.57	1.00	23922.00	261450.00	23922.00	9.346
110	540.00	5	SLV(E)	-1472.35	579.52	0.71	10.05	1582.29	1.00	23922.00	260239.00	23922.00	15.119
111	600.00	5	SLV(E)	-747.63	294.27	0.71	10.05	803.46	1.00	23922.00	258546.00	23922.00	29.774
112	660.00	5	SLV(E)	-244.29	96.15	0.71	10.05	262.53	1.00	23922.00	256850.00	23922.00	91.122
113	720.00	5	SLV(E)	57.62	-22.68	0.71	10.05	61.92	1.00	23922.00	255159.00	23922.00	>100
114	780.00	5	SLV(E)	202.07	-79.54	0.71	10.05	217.16	1.00	23922.00	253481.00	23922.00	>100
115	840.00	5	SLV(E)	239.35	-94.21	0.71	10.05	257.22	1.00	23922.00	251823.00	23922.00	93.002
116	900.00	5	SLV(E)	214.75	-84.53	0.71	10.05	230.79	1.00	23922.00	250191.00	23922.00	>100
117	960.00	5	SLV(E)	163.03	-64.17	0.71	10.05	175.20	1.00	23922.00	248589.00	23922.00	>100
118	1020.00	5	SLV(E)	107.11	-42.16	0.71	10.05	115.11	1.00	23922.00	247022.00	23922.00	>100
119	1080.00	5	SLV(E)	59.55	-23.44	0.71	10.05	63.99	1.00	23922.00	245494.00	23922.00	>100
120	1140.00	5	SLV(E)	25.14	-9.90	0.71	10.05	27.02	1.00	23922.00	244008.00	23922.00	>100
121	1200.00	5	SLV(E)	3.82	-1.50	0.71	10.05	4.11	1.00	23922.00	242567.00	23922.00	>100
122	1260.00	5	SLV(E)	-6.99	2.75	0.71	10.05	7.51	1.00	23922.00	241173.00	23922.00	>100
123	1320.00	5	SLV(E)	-10.60	4.17	0.71	10.05	11.40	1.00	23922.00	239828.00	23922.00	>100
124	1380.00	5	SLV(E)	-10.08	3.97	0.71	10.05	10.83	1.00	23922.00	238533.00	23922.00	>100
125	1440.00	5	SLV(E)	-7.72	3.04	0.71	10.05	8.30	1.00	23922.00	237289.00	23922.00	>100
126	1500.00	5	SLV(E)	-5.00	1.97	0.71	10.05	5.37	1.00	23922.00	236096.00	23922.00	>100
129	1680.00	5	SLV(E)	-0.11	0.04	0.71	10.05	0.11	1.00	23922.00	232823.00	23922.00	>100
130	1740.00	5	SLV(E)	0.34	-0.13	0.71	10.05	0.37	1.00	23922.00	231833.00	23922.00	>100
151	0.00	7	SLV(E)	153.14	46.41	0.71	10.05	160.02	1.00	23922.00	261450.00	23922.00	>100
152	60.00	7	SLV(E)	-570.61	-172.95	0.71	10.05	596.24	1.00	23922.00	261450.00	23922.00	40.121
153	120.00	7	SLV(E)	-2146.17	-650.48	0.71	10.05	2242.58	1.00	23922.00	261450.00	23922.00	10.667
154	180.00	7	SLV(E)	-3628.07	-1099.63	0.71	10.05	3791.05	1.00	23922.00	261450.00	23922.00	6.310
155	240.00	7	SLV(E)	-4524.71	-1371.39	0.71	10.05	4727.97	1.00	23922.00	261450.00	23922.00	5.060
156	300.00	7	SLV(E)	-4702.83	-1425.38	0.71	10.05	4914.09	1.00	23922.00	261450.00	23922.00	4.868
157	360.00	7	SLV(E)	-4265.93	-1292.96	0.71	10.05	4457.57	1.00	23922.00	261450.00	23922.00	5.367
158	420.00	7	SLV(E)	-3433.84	-1040.76	0.71	10.05	3588.10	1.00	23922.00	261450.00	23922.00	6.667
159	480.00	7	SLV(E)	-2445.50	-741.21	0.71	10.05	2555.36	1.00	23922.00	261192.00	23922.00	9.361
160	540.00	7	SLV(E)	-1511.45	-458.11	0.71	10.05	1579.35	1.00	23922.00	259572.00	23922.00	15.147
161	600.00	7	SLV(E)	-767.19	-232.53	0.71	10.05	801.66	1.00	23922.00	257907.00	23922.00	29.841
162	660.00	7	SLV(E)	-250.38	-75.89	0.71	10.05	261.63	1.00	23922.00	256239.00	23922.00	91.435
163	720.00	7	SLV(E)	59.53	18.04	0.71	10.05	62.21	1.00	23922.00	254576.00	23922.00	>100
164	780.00	7	SLV(E)	207.75	62.97	0.71	10.05	217.08	1.00	23922.00	252925.00	23922.00	>100
165	840.00	7	SLV(E)	245.92	74.54	0.71	10.05	256.97	1.00	23922.00	251294.00	23922.00	93.093
166	900.00	7	SLV(E)	220.59	66.86	0.71	10.05	230.50	1.00	23922.00	249688.00	23922.00	>100
167	960.00	7	SLV(E)	167.43	50.74	0.71	10.05	174.95	1.00	23922.00	248111.00	23922.00	>100
168	1020.00	7	SLV(E)	109.98	33.33	0.71	10.05	114.92	1.00	23922.00	246570.00	23922.00	>100
169	1080.00	7	SLV(E)	61.12	18.53	0.71	10.05	63.87	1.00	23922.00	245066.00	23922.00	>100
170	1140.00	7	SLV(E)	25.80	7.82	0.71	10.05	26.96	1.00	23922.00	243604.00	23922.00	>100
171	1200.00	7	SLV(E)	3.91	1.18	0.71	10.05	4.08	1.00	23922.00	242187.00	23922.00	>100
172	1260.00	7	SLV(E)	-7.19	-2.18	0.71	10.05	7.51	1.00	23922.00	240815.00	23922.00	>100
173	1320.00	7	SLV(E)	-10.90	-3.30	0.71	10.05	11.39	1.00	23922.00	239492.00	23922.00	>100
174	1380.00	7	SLV(E)	-10.36	-3.14	0.71	10.05	10.82	1.00	23922.00	238217.00	23922.00	>100
175	1440.00	7	SLV(E)	-7.93	-2.40	0.71	10.05	8.29	1.00	23922.00	236993.00	23922.00	>100
176	1500.00	7	SLV(E)	-5.14	-1.56	0.71	10.05	5.37	1.00	23922.00	235818.00	23922.00	>100
179	1680.00	7	SLV(E)	-0.11	-0.03	0.71	10.05	0.11	1.00	23922.00	232597.00	23922.00	>100
180	1740.00	7	SLV(E)	0.35	0.11	0.71	10.05	0.37	1.00	23922.00	231623.00	23922.00	>100
201	0.00	9	SLV(E)	-67.04	-183.82	0.71	10.05	195.67	1.00	23922.00	261450.00	23922.00	>100
202	60.00	9	SLV(E)	194.18	532.42	0.71	10.05	566.73	1.00	23922.00	261450.00	23922.00	42.211
203	120.00	9	SLV(E)	763.23	2092.65	0.71	10.05	2227.49	1.00	23922.00	261450.00	23922.00	10.739
204	180.00	9	SLV(E)	1299.24	3562.32	0.71	10.05	3791.85	1.00	23922.00	261450.00	23922.00	6.309
205	240.00	9	SLV(E)	1624.71	4454.70	0.71	10.05	4741.73	1.00	23922.00	261450.00	23922.00	5.045
206	300.00	9	SLV(E)	1691.20	4637.03	0.71	10.05	4935.81	1.00	23922.00	261450.00	23922.00	4.847
207	360.00	9	SLV(E)	1535.71	4210.70	0.71	10.05	4482.01	1.00	23922.00	261450.00	23922.00	5.337
208	420.00	9	SLV(E)	1237.29	3392.46	0.71	10.05	3611.05	1.00	23922.00	261450.00	23922.00	6.625
209	480.00	9	SLV(E)	882.00	2418.31	0.71	10.05	2574.13	1.00	23922.00	261450.00	23922.00	9.293
210	540.00	9	SLV(E)	545.78	1496.45	0.71	10.05	1592.87	1.00	23922.00	261450.00	23922.00	15.018
211	600.00	9	SLV(E)	277.61	761.16	0.71	10.05	810.21	1.00	23922.00	261450.00	23922.00	29.526
212	660.00	9	SLV(E)	91.20	250.05	0.71	10.05	266.16	1.00	23922.00	261450.00	23922.00	89.879
213	720.00	9	SLV(E)	-20.74	-56.86	0.71	10.05	60.52	1.00	23922.00	259732.00	23922.00	>100
214	780.00	9	SLV(E)	-74.40	-204.00	0.71	10.05	217.14	1.00	23922.00	257840.00	23922.00	>100
215	840.00	9	SLV(E)	-88.37	-242.29	0.71	10.05	257.90	1.00	23922.00	255972.00	23922.00	92.756
216	900.00	9	SLV(E)	-79.39	-217.67	0.71	10.05	231.70	1.00	23922.00	254132.00	23922.00	>100
217	960.00	9	SLV(E)	-60.32	-165.40	0.71	10.05	176.06	1.00	23922.00	252328.00	23922.00	>100
218	1020.00	9	SLV(E)	-39.67	-108.77	0.71	10.05	115.78	1.00	23922.00	250563.00	23922.00	>100
219	1080.00	9	SLV(E)	-22.08	-60.54	0.71	10.05	64.44	1.00	23922.00	248843.00	23922.00	>100
220	1140.00	9	SLV(E)	-9.35	-25.63	0.71	10.05	27.28	1.00	23922.00	247171.00	23922.00	>100
221	1200.00	9	SLV(E)	-1.45	-3.97	0.71	10.05	4.22	1.00	23922.00	245549.00	23922.00	>100
222	1260.00	9	SLV(E)	2.56	7.03	0.71</							

223	1320.00	9	SLV(E)	3.91	10.73	0.71	10.05	11.42	1.00	23922.00	242468.00	23922.00	>100
224	1380.00	9	SLV(E)	3.73	10.22	0.71	10.05	10.87	1.00	23922.00	241012.00	23922.00	>100
225	1440.00	9	SLV(E)	2.86	7.83	0.71	10.05	8.34	1.00	23922.00	239613.00	23922.00	>100
226	1500.00	9	SLV(E)	1.85	5.08	0.71	10.05	5.41	1.00	23922.00	238271.00	23922.00	>100
229	1680.00	9	SLV(E)	0.04	0.11	0.71	10.05	0.12	1.00	23922.00	234593.00	23922.00	>100
230	1740.00	9	SLV(E)	-0.13	-0.35	0.71	10.05	0.37	1.00	23922.00	233480.00	23922.00	>100
251	0.00	11	SLV(E)	36.36	-184.95	0.71	10.05	188.49	1.00	23922.00	261450.00	23922.00	>100
252	60.00	11	SLV(E)	-110.56	562.44	0.71	10.05	573.21	1.00	23922.00	261450.00	23922.00	41.734
253	120.00	11	SLV(E)	-430.57	2190.32	0.71	10.05	2232.24	1.00	23922.00	261450.00	23922.00	10.717
254	180.00	11	SLV(E)	-731.90	3723.23	0.71	10.05	3794.49	1.00	23922.00	261450.00	23922.00	6.304
255	240.00	11	SLV(E)	-914.74	4653.35	0.71	10.05	4742.41	1.00	23922.00	261450.00	23922.00	5.044
256	300.00	11	SLV(E)	-951.89	4842.32	0.71	10.05	4934.99	1.00	23922.00	261450.00	23922.00	4.847
257	360.00	11	SLV(E)	-864.18	4396.17	0.71	10.05	4480.30	1.00	23922.00	261450.00	23922.00	5.339
258	420.00	11	SLV(E)	-696.12	3541.23	0.71	10.05	3609.00	1.00	23922.00	261450.00	23922.00	6.628
259	480.00	11	SLV(E)	-496.13	2523.87	0.71	10.05	2572.17	1.00	23922.00	261450.00	23922.00	9.300
260	540.00	11	SLV(E)	-306.93	1561.39	0.71	10.05	1591.27	1.00	23922.00	261450.00	23922.00	15.033
261	600.00	11	SLV(E)	-156.05	793.86	0.71	10.05	809.05	1.00	23922.00	261450.00	23922.00	29.568
262	660.00	11	SLV(E)	-51.20	260.44	0.71	10.05	265.42	1.00	23922.00	259757.00	23922.00	90.127
263	720.00	11	SLV(E)	11.75	-59.77	0.71	10.05	60.91	1.00	23922.00	257936.00	23922.00	>100
264	780.00	11	SLV(E)	41.91	-213.21	0.71	10.05	217.29	1.00	23922.00	256128.00	23922.00	>100
265	840.00	11	SLV(E)	49.75	-253.06	0.71	10.05	257.90	1.00	23922.00	254342.00	23922.00	92.756
266	900.00	11	SLV(E)	44.68	-227.28	0.71	10.05	231.62	1.00	23922.00	252584.00	23922.00	>100
267	960.00	11	SLV(E)	33.94	-172.66	0.71	10.05	175.96	1.00	23922.00	250859.00	23922.00	>100
268	1020.00	11	SLV(E)	22.31	-113.51	0.71	10.05	115.69	1.00	23922.00	249172.00	23922.00	>100
269	1080.00	11	SLV(E)	12.42	-63.16	0.71	10.05	64.37	1.00	23922.00	247527.00	23922.00	>100
270	1140.00	11	SLV(E)	5.25	-26.72	0.71	10.05	27.23	1.00	23922.00	245928.00	23922.00	>100
271	1200.00	11	SLV(E)	0.81	-4.12	0.71	10.05	4.20	1.00	23922.00	244378.00	23922.00	>100
272	1260.00	11	SLV(E)	-1.45	7.35	0.71	10.05	7.49	1.00	23922.00	242878.00	23922.00	>100
273	1320.00	11	SLV(E)	-2.20	11.21	0.71	10.05	11.42	1.00	23922.00	241431.00	23922.00	>100
274	1380.00	11	SLV(E)	-2.10	10.67	0.71	10.05	10.87	1.00	23922.00	240038.00	23922.00	>100
275	1440.00	11	SLV(E)	-1.61	8.18	0.71	10.05	8.33	1.00	23922.00	238700.00	23922.00	>100
276	1500.00	11	SLV(E)	-1.04	5.30	0.71	10.05	5.40	1.00	23922.00	237417.00	23922.00	>100
279	1680.00	11	SLV(E)	-0.02	0.12	0.71	10.05	0.12	1.00	23922.00	233898.00	23922.00	>100
280	1740.00	11	SLV(E)	0.07	-0.36	0.71	10.05	0.37	1.00	23922.00	232833.00	23922.00	>100
301	0.00	13	SLV(E)	-72.97	174.15	0.71	10.05	188.82	1.00	23922.00	261450.00	23922.00	>100
302	60.00	13	SLV(E)	221.40	-528.37	0.71	10.05	572.88	1.00	23922.00	261450.00	23922.00	41.757
303	120.00	13	SLV(E)	862.56	-2058.51	0.71	10.05	2231.92	1.00	23922.00	261450.00	23922.00	10.718
304	180.00	13	SLV(E)	1466.33	-3499.42	0.71	10.05	3794.21	1.00	23922.00	261450.00	23922.00	6.305
305	240.00	13	SLV(E)	1832.68	-4373.74	0.71	10.05	4742.18	1.00	23922.00	261450.00	23922.00	5.045
306	300.00	13	SLV(E)	1907.13	-4551.41	0.71	10.05	4934.83	1.00	23922.00	261450.00	23922.00	4.848
307	360.00	13	SLV(E)	1731.43	-4132.11	0.71	10.05	4480.20	1.00	23922.00	261450.00	23922.00	5.340
308	420.00	13	SLV(E)	1394.73	-3328.55	0.71	10.05	3608.95	1.00	23922.00	261450.00	23922.00	6.629
309	480.00	13	SLV(E)	994.05	-2372.31	0.71	10.05	2572.16	1.00	23922.00	261450.00	23922.00	9.300
310	540.00	13	SLV(E)	614.97	-1467.64	0.71	10.05	1591.28	1.00	23922.00	261450.00	23922.00	15.033
311	600.00	13	SLV(E)	312.68	-746.21	0.71	10.05	809.07	1.00	23922.00	261422.00	23922.00	29.567
312	660.00	13	SLV(E)	102.59	-244.82	0.71	10.05	265.45	1.00	23922.00	259601.00	23922.00	90.120
313	720.00	13	SLV(E)	-23.53	56.16	0.71	10.05	60.89	1.00	23922.00	257786.00	23922.00	>100
314	780.00	13	SLV(E)	-83.97	200.39	0.71	10.05	217.27	1.00	23922.00	255986.00	23922.00	>100
315	840.00	13	SLV(E)	-99.67	237.85	0.71	10.05	257.89	1.00	23922.00	254207.00	23922.00	92.760
316	900.00	13	SLV(E)	-89.51	213.62	0.71	10.05	231.62	1.00	23922.00	252455.00	23922.00	>100
317	960.00	13	SLV(E)	-68.00	162.28	0.71	10.05	175.96	1.00	23922.00	250737.00	23922.00	>100
318	1020.00	13	SLV(E)	-44.71	106.70	0.71	10.05	115.68	1.00	23922.00	249057.00	23922.00	>100
319	1080.00	13	SLV(E)	-24.88	59.37	0.71	10.05	64.37	1.00	23922.00	247418.00	23922.00	>100
320	1140.00	13	SLV(E)	-10.52	25.12	0.71	10.05	27.23	1.00	23922.00	245825.00	23922.00	>100
321	1200.00	13	SLV(E)	-1.62	3.87	0.71	10.05	4.20	1.00	23922.00	244281.00	23922.00	>100
322	1260.00	13	SLV(E)	2.90	-6.91	0.71	10.05	7.49	1.00	23922.00	242787.00	23922.00	>100
323	1320.00	13	SLV(E)	4.41	-10.53	0.71	10.05	11.42	1.00	23922.00	241345.00	23922.00	>100
324	1380.00	13	SLV(E)	4.20	-10.03	0.71	10.05	10.87	1.00	23922.00	239957.00	23922.00	>100
325	1440.00	13	SLV(E)	3.22	-7.69	0.71	10.05	8.33	1.00	23922.00	238624.00	23922.00	>100
326	1500.00	13	SLV(E)	2.09	-4.98	0.71	10.05	5.40	1.00	23922.00	237346.00	23922.00	>100
329	1680.00	13	SLV(E)	0.05	-0.11	0.71	10.05	0.12	1.00	23922.00	233840.00	23922.00	>100
330	1740.00	13	SLV(E)	-0.14	0.34	0.71	10.05	0.37	1.00	23922.00	232779.00	23922.00	>100
351	0.00	15	SLV(E)	30.43	173.02	0.71	10.05	175.68	1.00	23922.00	261450.00	23922.00	>100
352	60.00	15	SLV(E)	-101.11	-574.86	0.71	10.05	583.68	1.00	23922.00	261450.00	23922.00	40.985
353	120.00	15	SLV(E)	-387.53	-2203.40	0.71	10.05	2237.22	1.00	23922.00	261450.00	23922.00	10.693
354	180.00	15	SLV(E)	-657.11	-3736.13	0.71	10.05	3793.48	1.00	23922.00	261450.00	23922.00	6.306
355	240.00	15	SLV(E)	-820.47	-4664.97	0.71	10.05	4736.57	1.00	23922.00	261450.00	23922.00	5.051
356	300.00	15	SLV(E)	-853.33	-4851.80	0.71	10.05	4926.27	1.00	23922.00	261450.00	23922.00	4.856
357	360.00	15	SLV(E)	-774.42	-4403.10	0.71	10.05	4470.69	1.00	23922.00	261450.00	23922.00	5.351
358	420.00	15	SLV(E)	-623.61	-3545.67	0.71	10.05	3600.09	1.00	23922.00	261450.00	23922.00	6.645
359	480.00	15	SLV(E)	-444.31	-2526.18	0.71	10.05	2564.96	1.00	23922.00	261450.00	23922.00	9.326
360	540.00	15	SLV(E)	-274.75	-1562.14	0.71	10.05	1586.12	1.00	23922.00	261188.00	23922.00	15.082
361	600.00	15	SLV(E)	-139.59	-793.65	0.71	10.05	805.83	1.00	23922.00	259455.00	23922.00	29.686
362	660.00	15	SLV(E)	-45.69	-259.76	0.71	10.05	263.75	1.00	23922.00	257720.00	23922.00	90.700
363	720.00	15	SLV(E)	10.65	60.58	0.71	10.05	61.51	1.00	23922.00	255990.00	23922.00	>100
364	780.00	15	SLV(E)	37.63	213.94	0.71	10.05	217.22	1.00	23922.00	254274.00	23922.00	>100
365	840.00	15	SLV(E)	44.61	253.63	0.71	10.05	257.52	1.00	23922.00	252577.00	23922.00	92.894
366	900.00	15	SLV(E)	40.04	227.66	0.71	10.05	231.15	1.00	23922.00	250907.00	23922.00	>100
367	960.00	15	SLV(E)	30.41	172.87	0.71	10.05	175.53	1.00	23922.00	249268.00	23922.00	>100
368	1020.00	15	SLV(E)	19.98	113.61	0.71	10.05	115.36	1.00	23922.00	247665.00	23922.00	>100
369	1080.00	15	SLV(E)	11.11	63.18	0.71	10.05	64.15	1.00	23922.00	246103.00	23922.00	>100
370	1140.00	15	SLV(E)	4.70	26.70	0.71	10.05	27.11	1.00	23922.00	244583.00	23922.00	>100
371	1200.00	15	SLV(E)	0.72	4.08	0.71	10.05	4.15	1.00	23922.00	243109.00	23922.00	

373	1320.00	15	SLV(E)	-1.98	-11.23	0.71	10.05	11.41	1.00	23922.00	240308.00	23922.00	>100
374	1380.00	15	SLV(E)	-1.88	-10.69	0.71	10.05	10.85	1.00	23922.00	238984.00	23922.00	>100
375	1440.00	15	SLV(E)	-1.44	-8.19	0.71	10.05	8.31	1.00	23922.00	237711.00	23922.00	>100
376	1500.00	15	SLV(E)	-0.93	-5.30	0.71	10.05	5.39	1.00	23922.00	236491.00	23922.00	>100
379	1680.00	15	SLV(E)	-0.02	-0.11	0.71	10.05	0.12	1.00	23922.00	233145.00	23922.00	>100
380	1740.00	15	SLV(E)	0.06	0.36	0.71	10.05	0.37	1.00	23922.00	232132.00	23922.00	>100
401	0.00	17	SLU	-55.10	161.33	0.71	10.05	170.48	1.00	23922.00	261450.00	23922.00	>100
402	60.00	17	SLU	277.99	-813.90	0.71	10.05	860.07	1.00	23922.00	261450.00	23922.00	27.814
403	120.00	17	SLU	1002.64	-2935.55	0.71	10.05	3102.06	1.00	23922.00	261450.00	23922.00	7.712
404	180.00	17	SLU	1683.17	-4928.01	0.71	10.05	5207.53	1.00	23922.00	261450.00	23922.00	4.594
405	240.00	17	SLU	2093.44	-6129.20	0.71	10.05	6476.85	1.00	23922.00	261450.00	23922.00	3.693
406	300.00	17	SLU	2172.54	-6360.78	0.71	10.05	6721.57	1.00	23922.00	261450.00	23922.00	3.559
407	360.00	17	SLU	1968.58	-5763.64	0.71	10.05	6090.56	1.00	23922.00	261450.00	23922.00	3.928
408	420.00	17	SLU	1583.14	-4635.13	0.71	10.05	4898.03	1.00	23922.00	261450.00	23922.00	4.884
409	480.00	17	SLU	1126.39	-3297.85	0.71	10.05	3484.91	1.00	23922.00	261450.00	23922.00	6.864
410	540.00	17	SLU	695.30	-2035.72	0.71	10.05	2151.18	1.00	23922.00	261450.00	23922.00	11.120
411	600.00	17	SLU	352.18	-1031.10	0.71	10.05	1089.59	1.00	23922.00	261450.00	23922.00	21.955
412	660.00	17	SLU	114.16	-334.23	0.71	10.05	353.19	1.00	23922.00	261450.00	23922.00	67.732
413	720.00	17	SLU	-28.38	83.09	0.71	10.05	87.80	1.00	23922.00	261450.00	23922.00	>100
414	780.00	17	SLU	-96.37	282.16	0.71	10.05	298.17	1.00	23922.00	261450.00	23922.00	80.231
415	840.00	17	SLU	-113.70	332.89	0.71	10.05	351.77	1.00	23922.00	260784.00	23922.00	68.005
416	900.00	17	SLU	-101.82	298.12	0.71	10.05	315.03	1.00	23922.00	258705.00	23922.00	75.936
417	960.00	17	SLU	-77.19	226.01	0.71	10.05	238.83	1.00	23922.00	256665.00	23922.00	>100
418	1020.00	17	SLU	-50.65	148.29	0.71	10.05	156.70	1.00	23922.00	254671.00	23922.00	>100
419	1080.00	17	SLU	-28.11	82.29	0.71	10.05	86.96	1.00	23922.00	252728.00	23922.00	>100
420	1140.00	17	SLU	-11.83	34.62	0.71	10.05	36.59	1.00	23922.00	250839.00	23922.00	>100
421	1200.00	17	SLU	-1.75	5.12	0.71	10.05	5.41	1.00	23922.00	249008.00	23922.00	>100
422	1260.00	17	SLU	3.35	-9.80	0.71	10.05	10.36	1.00	23922.00	247238.00	23922.00	>100
423	1320.00	17	SLU	5.04	-14.76	0.71	10.05	15.60	1.00	23922.00	245530.00	23922.00	>100
424	1380.00	17	SLU	4.78	-14.00	0.71	10.05	14.80	1.00	23922.00	243886.00	23922.00	>100
425	1440.00	17	SLU	3.66	-10.71	0.71	10.05	11.32	1.00	23922.00	242307.00	23922.00	>100
426	1500.00	17	SLU	2.37	-6.93	0.71	10.05	7.32	1.00	23922.00	240794.00	23922.00	>100
428	1620.00	17	SLU	0.50	-1.47	0.71	10.05	1.55	1.00	23922.00	237963.00	23922.00	>100
429	1680.00	17	SLU	0.05	-0.14	0.71	10.05	0.15	1.00	23922.00	236644.00	23922.00	>100
430	1740.00	17	SLU	-0.16	0.48	0.71	10.05	0.51	1.00	23922.00	235389.00	23922.00	>100
451	0.00	1	SLV(E)	-187.23	-64.08	0.71	10.05	197.90	1.00	23922.00	261450.00	23922.00	>100
452	60.00	1	SLV(E)	534.03	182.77	0.71	10.05	564.44	1.00	23922.00	261450.00	23922.00	42.382
453	120.00	1	SLV(E)	2105.26	720.51	0.71	10.05	2225.14	1.00	23922.00	261450.00	23922.00	10.751
454	180.00	1	SLV(E)	3585.43	1227.09	0.71	10.05	3789.60	1.00	23922.00	261450.00	23922.00	6.313
455	240.00	1	SLV(E)	4484.39	1534.76	0.71	10.05	4739.75	1.00	23922.00	261450.00	23922.00	5.047
456	300.00	1	SLV(E)	4668.39	1597.73	0.71	10.05	4934.23	1.00	23922.00	261450.00	23922.00	4.848
457	360.00	1	SLV(E)	4239.47	1450.94	0.71	10.05	4480.89	1.00	23922.00	261450.00	23922.00	5.339
458	420.00	1	SLV(E)	3415.84	1169.05	0.71	10.05	3610.36	1.00	23922.00	261450.00	23922.00	6.626
459	480.00	1	SLV(E)	2435.12	833.41	0.71	10.05	2573.79	1.00	23922.00	261450.00	23922.00	9.294
460	540.00	1	SLV(E)	1506.98	515.75	0.71	10.05	1592.79	1.00	23922.00	261450.00	23922.00	15.019
461	600.00	1	SLV(E)	766.62	262.37	0.71	10.05	810.28	1.00	23922.00	261450.00	23922.00	29.523
462	660.00	1	SLV(E)	251.95	86.23	0.71	10.05	266.29	1.00	23922.00	261450.00	23922.00	89.833
463	720.00	1	SLV(E)	-57.12	-19.55	0.71	10.05	60.38	1.00	23922.00	260475.00	23922.00	>100
464	780.00	1	SLV(E)	-205.32	-70.27	0.71	10.05	217.01	1.00	23922.00	258549.00	23922.00	>100
465	840.00	1	SLV(E)	-243.92	-83.48	0.71	10.05	257.81	1.00	23922.00	256646.00	23922.00	92.790
466	900.00	1	SLV(E)	-219.16	-75.01	0.71	10.05	231.64	1.00	23922.00	254773.00	23922.00	>100
467	960.00	1	SLV(E)	-166.54	-57.00	0.71	10.05	176.02	1.00	23922.00	252936.00	23922.00	>100
468	1020.00	1	SLV(E)	-109.53	-37.48	0.71	10.05	115.76	1.00	23922.00	251139.00	23922.00	>100
469	1080.00	1	SLV(E)	-60.97	-20.87	0.71	10.05	64.44	1.00	23922.00	249388.00	23922.00	>100
470	1140.00	1	SLV(E)	-25.81	-8.83	0.71	10.05	27.28	1.00	23922.00	247685.00	23922.00	>100
471	1200.00	1	SLV(E)	-4.00	-1.37	0.71	10.05	4.23	1.00	23922.00	246034.00	23922.00	>100
472	1260.00	1	SLV(E)	7.07	2.42	0.71	10.05	7.48	1.00	23922.00	244438.00	23922.00	>100
473	1320.00	1	SLV(E)	10.80	3.70	0.71	10.05	11.41	1.00	23922.00	242898.00	23922.00	>100
474	1380.00	1	SLV(E)	10.29	3.52	0.71	10.05	10.87	1.00	23922.00	241415.00	23922.00	>100
475	1440.00	1	SLV(E)	7.89	2.70	0.71	10.05	8.34	1.00	23922.00	239990.00	23922.00	>100
476	1500.00	1	SLV(E)	5.11	1.75	0.71	10.05	5.40	1.00	23922.00	238625.00	23922.00	>100
479	1680.00	1	SLV(E)	0.11	0.04	0.71	10.05	0.12	1.00	23922.00	234880.00	23922.00	>100
480	1740.00	1	SLV(E)	-0.35	-0.12	0.71	10.05	0.37	1.00	23922.00	233748.00	23922.00	>100
501	0.00	3	SLV(E)	-189.91	40.55	0.71	10.05	194.19	1.00	23922.00	261450.00	23922.00	>100
502	60.00	3	SLV(E)	555.67	-118.66	0.71	10.05	568.20	1.00	23922.00	261450.00	23922.00	42.102
503	120.00	3	SLV(E)	2179.75	-465.46	0.71	10.05	2228.89	1.00	23922.00	261450.00	23922.00	10.733
504	180.00	3	SLV(E)	3709.45	-792.11	0.71	10.05	3793.08	1.00	23922.00	261450.00	23922.00	6.307
505	240.00	3	SLV(E)	4638.15	-990.42	0.71	10.05	4742.72	1.00	23922.00	261450.00	23922.00	5.044
506	300.00	3	SLV(E)	4827.67	-1030.89	0.71	10.05	4936.51	1.00	23922.00	261450.00	23922.00	4.846
507	360.00	3	SLV(E)	4383.62	-936.06	0.71	10.05	4482.44	1.00	23922.00	261450.00	23922.00	5.337
508	420.00	3	SLV(E)	3531.64	-754.13	0.71	10.05	3611.26	1.00	23922.00	261450.00	23922.00	6.624
509	480.00	3	SLV(E)	2517.41	-537.56	0.71	10.05	2574.17	1.00	23922.00	261450.00	23922.00	9.293
510	540.00	3	SLV(E)	1557.70	-332.63	0.71	10.05	1592.82	1.00	23922.00	261450.00	23922.00	15.019
511	600.00	3	SLV(E)	792.25	-169.17	0.71	10.05	810.11	1.00	23922.00	261450.00	23922.00	29.529
512	660.00	3	SLV(E)	260.18	-55.56	0.71	10.05	266.05	1.00	23922.00	260816.00	23922.00	89.915
513	720.00	3	SLV(E)	-59.28	12.66	0.71	10.05	60.62	1.00	23922.00	258947.00	23922.00	>100
514	780.00	3	SLV(E)	-212.42	45.36	0.71	10.05	217.21	1.00	23922.00	257092.00	23922.00	>100
515	840.00	3	SLV(E)	-252.26	53.87	0.71	10.05	257.95	1.00	23922.00	255260.00	23922.00	92.739
516	900.00	3	SLV(E)	-226.62	48.39	0.71	10.05	231.72	1.00	23922.00	253456.00	23922.00	>100
517	960.00	3	SLV(E)	-172.19	36.77	0.71	10.05	176.07	1.00	23922.00	251686.00	23922.00	>100
518	1020.00	3	SLV(E)	-113.22	24.18	0.71	10.05	115.78	1.00	23922.00	249956.00	23922.00	>100
519	1080.00	3	SLV(E)	-63.02	13.46	0.71	10.05	64.44	1.00	23922.00	248268.00	23922.00	>100
520	1140.00	3	SLV(E)	-26.67	5.70	0.71	10.05	27.27	1.00	23922.00	246628.00	23922.00	>100
521	1200.00	3	SLV(E)	-4.1									

522	1260.00	3	SLV(E)	7.32	-1.56	0.71	10.05	7.49	1.00	23922.00	243500.00	23922.00	>100
523	1320.00	3	SLV(E)	11.17	-2.39	0.71	10.05	11.42	1.00	23922.00	242015.00	23922.00	>100
524	1380.00	3	SLV(E)	10.64	-2.27	0.71	10.05	10.88	1.00	23922.00	240587.00	23922.00	>100
525	1440.00	3	SLV(E)	8.15	-1.74	0.71	10.05	8.34	1.00	23922.00	239214.00	23922.00	>100
526	1500.00	3	SLV(E)	5.29	-1.13	0.71	10.05	5.41	1.00	23922.00	237898.00	23922.00	>100
529	1680.00	3	SLV(E)	0.12	-0.02	0.71	10.05	0.12	1.00	23922.00	234289.00	23922.00	>100
530	1740.00	3	SLV(E)	-0.36	0.08	0.71	10.05	0.37	1.00	23922.00	233197.00	23922.00	>100
551	0.00	5	SLV(E)	166.64	-70.81	0.71	10.05	181.06	1.00	23922.00	261450.00	23922.00	>100
552	60.00	5	SLV(E)	-533.24	226.61	0.71	10.05	579.40	1.00	23922.00	261450.00	23922.00	41,288
553	120.00	5	SLV(E)	-2057.42	874.33	0.71	10.05	2235.49	1.00	23922.00	261450.00	23922.00	10,701
554	180.00	5	SLV(E)	-3492.24	1484.08	0.71	10.05	3794.50	1.00	23922.00	261450.00	23922.00	6,304
555	240.00	5	SLV(E)	-4362.21	1853.79	0.71	10.05	4739.76	1.00	23922.00	261450.00	23922.00	5,047
556	300.00	5	SLV(E)	-4537.93	1928.46	0.71	10.05	4930.70	1.00	23922.00	261450.00	23922.00	4,852
557	360.00	5	SLV(E)	-4118.91	1750.40	0.71	10.05	4475.42	1.00	23922.00	261450.00	23922.00	5,345
558	420.00	5	SLV(E)	-3317.27	1409.72	0.71	10.05	3604.39	1.00	23922.00	261450.00	23922.00	6,637
559	480.00	5	SLV(E)	-2363.79	1004.53	0.71	10.05	2568.38	1.00	23922.00	261450.00	23922.00	9,314
560	540.00	5	SLV(E)	-1461.99	621.29	0.71	10.05	1588.52	1.00	23922.00	261450.00	23922.00	15,059
561	600.00	5	SLV(E)	-743.00	315.75	0.71	10.05	807.30	1.00	23922.00	260314.00	23922.00	29,632
562	660.00	5	SLV(E)	-243.42	103.45	0.71	10.05	264.49	1.00	23922.00	258542.00	23922.00	90,445
563	720.00	5	SLV(E)	56.39	-23.96	0.71	10.05	61.27	1.00	23922.00	256775.00	23922.00	>100
564	780.00	5	SLV(E)	199.98	-84.98	0.71	10.05	217.28	1.00	23922.00	255022.00	23922.00	>100
565	840.00	5	SLV(E)	237.19	-100.80	0.71	10.05	257.72	1.00	23922.00	253289.00	23922.00	92,822
566	900.00	5	SLV(E)	212.95	-90.50	0.71	10.05	231.38	1.00	23922.00	251583.00	23922.00	>100
567	960.00	5	SLV(E)	161.74	-68.73	0.71	10.05	175.74	1.00	23922.00	249910.00	23922.00	>100
568	1020.00	5	SLV(E)	106.31	-45.18	0.71	10.05	115.51	1.00	23922.00	248273.00	23922.00	>100
569	1080.00	5	SLV(E)	59.14	-25.13	0.71	10.05	64.25	1.00	23922.00	246677.00	23922.00	>100
570	1140.00	5	SLV(E)	25.00	-10.63	0.71	10.05	27.17	1.00	23922.00	245126.00	23922.00	>100
571	1200.00	5	SLV(E)	3.84	-1.63	0.71	10.05	4.17	1.00	23922.00	243621.00	23922.00	>100
572	1260.00	5	SLV(E)	-6.90	2.93	0.71	10.05	7.50	1.00	23922.00	242166.00	23922.00	>100
573	1320.00	5	SLV(E)	-10.51	4.46	0.71	10.05	11.41	1.00	23922.00	240761.00	23922.00	>100
574	1380.00	5	SLV(E)	-10.00	4.25	0.71	10.05	10.86	1.00	23922.00	239409.00	23922.00	>100
575	1440.00	5	SLV(E)	-7.66	3.26	0.71	10.05	8.32	1.00	23922.00	238110.00	23922.00	>100
576	1500.00	5	SLV(E)	-4.96	2.11	0.71	10.05	5.39	1.00	23922.00	236865.00	23922.00	>100
579	1680.00	5	SLV(E)	-0.11	0.05	0.71	10.05	0.12	1.00	23922.00	233448.00	23922.00	>100
580	1740.00	5	SLV(E)	0.34	-0.14	0.71	10.05	0.37	1.00	23922.00	232415.00	23922.00	>100
601	0.00	7	SLV(E)	163.96	33.82	0.71	10.05	167.41	1.00	23922.00	261450.00	23922.00	>100
602	60.00	7	SLV(E)	-578.21	-119.25	0.71	10.05	590.38	1.00	23922.00	261450.00	23922.00	40,520
603	120.00	7	SLV(E)	-2194.11	-452.53	0.71	10.05	2240.29	1.00	23922.00	261450.00	23922.00	10,678
604	180.00	7	SLV(E)	-3714.42	-766.09	0.71	10.05	3792.60	1.00	23922.00	261450.00	23922.00	6,308
605	240.00	7	SLV(E)	-4634.97	-955.95	0.71	10.05	4732.52	1.00	23922.00	261450.00	23922.00	5,055
606	300.00	7	SLV(E)	-4818.93	-993.89	0.71	10.05	4920.35	1.00	23922.00	261450.00	23922.00	4,862
607	360.00	7	SLV(E)	-4372.20	-901.75	0.71	10.05	4464.23	1.00	23922.00	261450.00	23922.00	5,359
608	420.00	7	SLV(E)	-3520.05	-726.00	0.71	10.05	3594.13	1.00	23922.00	261450.00	23922.00	6,656
609	480.00	7	SLV(E)	-2507.38	-517.14	0.71	10.05	2560.15	1.00	23922.00	261450.00	23922.00	9,344
610	540.00	7	SLV(E)	-1550.08	-319.70	0.71	10.05	1582.71	1.00	23922.00	260339.00	23922.00	15,115
611	600.00	7	SLV(E)	-787.14	-162.34	0.71	10.05	803.71	1.00	23922.00	258642.00	23922.00	29,765
612	660.00	7	SLV(E)	-257.24	-53.06	0.71	10.05	262.66	1.00	23922.00	256942.00	23922.00	91,077
613	720.00	7	SLV(E)	60.61	12.50	0.71	10.05	61.88	1.00	23922.00	255247.00	23922.00	>100
614	780.00	7	SLV(E)	212.69	43.87	0.71	10.05	217.17	1.00	23922.00	253565.00	23922.00	>100
615	840.00	7	SLV(E)	251.95	51.96	0.71	10.05	257.26	1.00	23922.00	251903.00	23922.00	92,989
616	900.00	7	SLV(E)	226.07	46.63	0.71	10.05	230.83	1.00	23922.00	250266.00	23922.00	>100
617	960.00	7	SLV(E)	171.63	35.40	0.71	10.05	175.24	1.00	23922.00	248660.00	23922.00	>100
618	1020.00	7	SLV(E)	112.76	23.26	0.71	10.05	115.14	1.00	23922.00	247090.00	23922.00	>100
619	1080.00	7	SLV(E)	62.69	12.93	0.71	10.05	64.01	1.00	23922.00	245558.00	23922.00	>100
620	1140.00	7	SLV(E)	26.47	5.46	0.71	10.05	27.03	1.00	23922.00	244069.00	23922.00	>100
621	1200.00	7	SLV(E)	4.03	0.83	0.71	10.05	4.11	1.00	23922.00	242624.00	23922.00	>100
622	1260.00	7	SLV(E)	-7.35	-1.52	0.71	10.05	7.51	1.00	23922.00	241227.00	23922.00	>100
623	1320.00	7	SLV(E)	-11.16	-2.30	0.71	10.05	11.40	1.00	23922.00	239879.00	23922.00	>100
624	1380.00	7	SLV(E)	-10.61	-2.19	0.71	10.05	10.84	1.00	23922.00	238581.00	23922.00	>100
625	1440.00	7	SLV(E)	-8.13	-1.68	0.71	10.05	8.30	1.00	23922.00	237334.00	23922.00	>100
626	1500.00	7	SLV(E)	-5.27	-1.09	0.71	10.05	5.38	1.00	23922.00	236138.00	23922.00	>100
629	1680.00	7	SLV(E)	-0.11	-0.02	0.71	10.05	0.11	1.00	23922.00	232857.00	23922.00	>100
630	1740.00	7	SLV(E)	0.36	0.07	0.71	10.05	0.37	1.00	23922.00	231864.00	23922.00	>100
651	0.00	9	SLV(E)	-60.26	-188.51	0.71	10.05	197.91	1.00	23922.00	261450.00	23922.00	>100
652	60.00	9	SLV(E)	171.78	537.36	0.71	10.05	564.15	1.00	23922.00	261450.00	23922.00	42,404
653	120.00	9	SLV(E)	677.28	2118.62	0.71	10.05	2224.24	1.00	23922.00	261450.00	23922.00	10,755
654	180.00	9	SLV(E)	1153.49	3608.24	0.71	10.05	3788.13	1.00	23922.00	261450.00	23922.00	6,315
655	240.00	9	SLV(E)	1442.71	4512.95	0.71	10.05	4737.94	1.00	23922.00	261450.00	23922.00	5,049
656	300.00	9	SLV(E)	1501.91	4698.14	0.71	10.05	4932.36	1.00	23922.00	261450.00	23922.00	4,850
657	360.00	9	SLV(E)	1363.92	4266.50	0.71	10.05	4479.21	1.00	23922.00	261450.00	23922.00	5,341
658	420.00	9	SLV(E)	1098.95	3437.63	0.71	10.05	3609.01	1.00	23922.00	261450.00	23922.00	6,628
659	480.00	9	SLV(E)	783.43	2450.66	0.71	10.05	2572.84	1.00	23922.00	261450.00	23922.00	9,298
660	540.00	9	SLV(E)	484.83	1516.60	0.71	10.05	1592.21	1.00	23922.00	261450.00	23922.00	15,024
661	600.00	9	SLV(E)	246.64	771.52	0.71	10.05	809.98	1.00	23922.00	261450.00	23922.00	29,534
662	660.00	9	SLV(E)	81.06	253.56	0.71	10.05	266.20	1.00	23922.00	261450.00	23922.00	89,864
663	720.00	9	SLV(E)	-18.38	-57.48	0.71	10.05	60.35	1.00	23922.00	260962.00	23922.00	>100
664	780.00	9	SLV(E)	-66.05	-206.63	0.71	10.05	216.93	1.00	23922.00	259014.00	23922.00	>100
665	840.00	9	SLV(E)	-78.47	-245.47	0.71	10.05	257.71	1.00	23922.00	257088.00	23922.00	92,825
666	900.00	9	SLV(E)	-70.51	-220.56	0.71	10.05	231.55	1.00	23922.00	255193.00	23922.00	>100
667	960.00	9	SLV(E)	-53.58	-167.60	0.71	10.05	175.96	1.00	23922.00	253334.00	23922.00	>100
668	1020.00	9	SLV(E)	-35.24	-110.22	0.71	10.05	115.72	1.00	23922.00	251517.00	23922.00	>100
669	1080.00	9	SLV(E)	-19.61	-61.36	0.71	10.05	64.42	1.00	23922.00	249745.00	23922.00	>100
670	1140.00	9	SLV(E)	-8.30	-25.98	0.71	10.05	27.27	1.00	23922.00	248022.00	23922.00	>100
671	1200.00	9	SLV(E)	-1.29	-4.03								

672	1260.00	9	SLV(E)	2.28	7.12	0.71	10.05	7.47	1.00	23922.00	244737.00	23922.00	>100
673	1320.00	9	SLV(E)	3.47	10.87	0.71	10.05	11.41	1.00	23922.00	243179.00	23922.00	>100
674	1380.00	9	SLV(E)	3.31	10.35	0.71	10.05	10.87	1.00	23922.00	241679.00	23922.00	>100
675	1440.00	9	SLV(E)	2.54	7.94	0.71	10.05	8.33	1.00	23922.00	240238.00	23922.00	>100
676	1500.00	9	SLV(E)	1.65	5.15	0.71	10.05	5.40	1.00	23922.00	238857.00	23922.00	>100
679	1680.00	9	SLV(E)	0.04	0.11	0.71	10.05	0.12	1.00	23922.00	235069.00	23922.00	>100
680	1740.00	9	SLV(E)	-0.11	-0.35	0.71	10.05	0.37	1.00	23922.00	233923.00	23922.00	>100
701	0.00	11	SLV(E)	45.90	-190.53	0.71	10.05	195.98	1.00	23922.00	261450.00	23922.00	>100
702	60.00	11	SLV(E)	-132.66	550.66	0.71	10.05	566.41	1.00	23922.00	261450.00	23922.00	42,234
703	120.00	11	SLV(E)	-521.61	2165.24	0.71	10.05	2227.18	1.00	23922.00	261450.00	23922.00	10,741
704	180.00	11	SLV(E)	-888.00	3686.11	0.71	10.05	3791.56	1.00	23922.00	261450.00	23922.00	6,309
705	240.00	11	SLV(E)	-1110.47	4609.61	0.71	10.05	4741.48	1.00	23922.00	261450.00	23922.00	5,045
706	300.00	11	SLV(E)	-1155.94	4798.34	0.71	10.05	4935.62	1.00	23922.00	261450.00	23922.00	4,847
707	360.00	11	SLV(E)	-1049.67	4357.23	0.71	10.05	4481.88	1.00	23922.00	261450.00	23922.00	5,338
708	420.00	11	SLV(E)	-845.70	3510.54	0.71	10.05	3610.97	1.00	23922.00	261450.00	23922.00	6,625
709	480.00	11	SLV(E)	-602.86	2502.50	0.71	10.05	2574.09	1.00	23922.00	261450.00	23922.00	9,293
710	540.00	11	SLV(E)	-373.06	1548.57	0.71	10.05	1592.87	1.00	23922.00	261450.00	23922.00	15,018
711	600.00	11	SLV(E)	-189.76	787.69	0.71	10.05	810.22	1.00	23922.00	261450.00	23922.00	29,525
712	660.00	11	SLV(E)	-62.34	258.77	0.71	10.05	266.18	1.00	23922.00	261450.00	23922.00	89,872
713	720.00	11	SLV(E)	14.17	-58.82	0.71	10.05	60.50	1.00	23922.00	259852.00	23922.00	>100
714	780.00	11	SLV(E)	50.85	-211.09	0.71	10.05	217.12	1.00	23922.00	257955.00	23922.00	>100
715	840.00	11	SLV(E)	60.40	-250.72	0.71	10.05	257.89	1.00	23922.00	256081.00	23922.00	92,760
716	900.00	11	SLV(E)	54.26	-225.25	0.71	10.05	231.69	1.00	23922.00	254236.00	23922.00	>100
717	960.00	11	SLV(E)	41.23	-171.16	0.71	10.05	176.05	1.00	23922.00	252427.00	23922.00	>100
718	1020.00	11	SLV(E)	27.11	-112.55	0.71	10.05	115.77	1.00	23922.00	250657.00	23922.00	>100
719	1080.00	11	SLV(E)	15.09	-62.65	0.71	10.05	64.44	1.00	23922.00	248932.00	23922.00	>100
720	1140.00	11	SLV(E)	6.39	-26.52	0.71	10.05	27.28	1.00	23922.00	247254.00	23922.00	>100
721	1200.00	11	SLV(E)	0.99	-4.11	0.71	10.05	4.22	1.00	23922.00	245628.00	23922.00	>100
722	1260.00	11	SLV(E)	-1.75	7.27	0.71	10.05	7.48	1.00	23922.00	244055.00	23922.00	>100
723	1320.00	11	SLV(E)	-2.67	11.10	0.71	10.05	11.42	1.00	23922.00	242538.00	23922.00	>100
724	1380.00	11	SLV(E)	-2.55	10.57	0.71	10.05	10.87	1.00	23922.00	241077.00	23922.00	>100
725	1440.00	11	SLV(E)	-1.95	8.11	0.71	10.05	8.34	1.00	23922.00	239674.00	23922.00	>100
726	1500.00	11	SLV(E)	-1.27	5.26	0.71	10.05	5.41	1.00	23922.00	238329.00	23922.00	>100
729	1680.00	11	SLV(E)	-0.03	0.12	0.71	10.05	0.12	1.00	23922.00	234639.00	23922.00	>100
730	1740.00	11	SLV(E)	0.09	-0.36	0.71	10.05	0.37	1.00	23922.00	233523.00	23922.00	>100
751	0.00	13	SLV(E)	-69.17	160.26	0.71	10.05	174.55	1.00	23922.00	261450.00	23922.00	>100
752	60.00	13	SLV(E)	231.65	-536.73	0.71	10.05	584.58	1.00	23922.00	261450.00	23922.00	40,922
753	120.00	13	SLV(E)	886.67	-2054.45	0.71	10.05	2237.62	1.00	23922.00	261450.00	23922.00	10,691
754	180.00	13	SLV(E)	1503.13	-3482.81	0.71	10.05	3793.33	1.00	23922.00	261450.00	23922.00	6,306
755	240.00	13	SLV(E)	1876.67	-4348.30	0.71	10.05	4735.98	1.00	23922.00	261450.00	23922.00	5,051
756	300.00	13	SLV(E)	1951.74	-4522.23	0.71	10.05	4925.43	1.00	23922.00	261450.00	23922.00	4,857
757	360.00	13	SLV(E)	1771.18	-4103.88	0.71	10.05	4469.78	1.00	23922.00	261450.00	23922.00	5,352
758	420.00	13	SLV(E)	1426.23	-3304.62	0.71	10.05	3599.25	1.00	23922.00	261450.00	23922.00	6,646
759	480.00	13	SLV(E)	1016.12	-2354.37	0.71	10.05	2564.28	1.00	23922.00	261450.00	23922.00	9,329
760	540.00	13	SLV(E)	628.32	-1455.84	0.71	10.05	1585.64	1.00	23922.00	261050.00	23922.00	15,087
761	600.00	13	SLV(E)	319.20	-739.60	0.71	10.05	805.54	1.00	23922.00	259323.00	23922.00	29,697
762	660.00	13	SLV(E)	104.45	-242.02	0.71	10.05	263.60	1.00	23922.00	257594.00	23922.00	90,751
763	720.00	13	SLV(E)	-24.39	56.52	0.71	10.05	61.56	1.00	23922.00	255869.00	23922.00	>100
764	780.00	13	SLV(E)	-86.07	199.43	0.71	10.05	217.22	1.00	23922.00	254159.00	23922.00	>100
765	840.00	13	SLV(E)	-102.03	236.40	0.71	10.05	257.48	1.00	23922.00	252468.00	23922.00	92,908
766	900.00	13	SLV(E)	-91.58	212.19	0.71	10.05	231.10	1.00	23922.00	250803.00	23922.00	>100
767	960.00	13	SLV(E)	-69.54	161.12	0.71	10.05	175.49	1.00	23922.00	249170.00	23922.00	>100
768	1020.00	13	SLV(E)	-45.70	105.88	0.71	10.05	115.32	1.00	23922.00	247572.00	23922.00	>100
769	1080.00	13	SLV(E)	-25.41	58.88	0.71	10.05	64.13	1.00	23922.00	246014.00	23922.00	>100
770	1140.00	13	SLV(E)	-10.74	24.88	0.71	10.05	27.10	1.00	23922.00	244499.00	23922.00	>100
771	1200.00	13	SLV(E)	-1.64	3.80	0.71	10.05	4.14	1.00	23922.00	243031.00	23922.00	>100
772	1260.00	13	SLV(E)	2.97	-6.89	0.71	10.05	7.50	1.00	23922.00	241610.00	23922.00	>100
773	1320.00	13	SLV(E)	4.52	-10.47	0.71	10.05	11.41	1.00	23922.00	240239.00	23922.00	>100
774	1380.00	13	SLV(E)	4.30	-9.96	0.71	10.05	10.85	1.00	23922.00	238918.00	23922.00	>100
775	1440.00	13	SLV(E)	3.29	-7.63	0.71	10.05	8.31	1.00	23922.00	237650.00	23922.00	>100
776	1500.00	13	SLV(E)	2.13	-4.94	0.71	10.05	5.38	1.00	23922.00	236434.00	23922.00	>100
779	1680.00	13	SLV(E)	0.05	-0.11	0.71	10.05	0.12	1.00	23922.00	233098.00	23922.00	>100
780	1740.00	13	SLV(E)	-0.15	0.34	0.71	10.05	0.37	1.00	23922.00	232089.00	23922.00	>100
801	0.00	15	SLV(E)	36.99	158.24	0.71	10.05	162.51	1.00	23922.00	261450.00	23922.00	>100
802	60.00	15	SLV(E)	-135.27	-578.64	0.71	10.05	594.24	1.00	23922.00	261450.00	23922.00	40,257
803	120.00	15	SLV(E)	-510.29	-2182.86	0.71	10.05	2241.71	1.00	23922.00	261450.00	23922.00	10,671
804	180.00	15	SLV(E)	-863.05	-3691.87	0.71	10.05	3791.41	1.00	23922.00	261450.00	23922.00	6,310
805	240.00	15	SLV(E)	-1076.54	-4605.14	0.71	10.05	4729.30	1.00	23922.00	261450.00	23922.00	5,058
806	300.00	15	SLV(E)	-1119.04	-4786.94	0.71	10.05	4916.00	1.00	23922.00	261450.00	23922.00	4,866
807	360.00	15	SLV(E)	-1015.16	-4342.55	0.71	10.05	4459.63	1.00	23922.00	261450.00	23922.00	5,364
808	420.00	15	SLV(E)	-817.20	-3495.74	0.71	10.05	3589.98	1.00	23922.00	261450.00	23922.00	6,664
809	480.00	15	SLV(E)	-582.03	-2489.74	0.71	10.05	2556.87	1.00	23922.00	261410.00	23922.00	9,356
810	540.00	15	SLV(E)	-359.75	-1538.92	0.71	10.05	1580.41	1.00	23922.00	259782.00	23922.00	15,137
811	600.00	15	SLV(E)	-182.63	-781.25	0.71	10.05	802.32	1.00	23922.00	258108.00	23922.00	29,816
812	660.00	15	SLV(E)	-59.63	-255.09	0.71	10.05	261.96	1.00	23922.00	256431.00	23922.00	91,318
813	720.00	15	SLV(E)	14.13	60.47	0.71	10.05	62.10	1.00	23922.00	254759.00	23922.00	>100
814	780.00	15	SLV(E)	49.42	211.40	0.71	10.05	217.10	1.00	23922.00	253100.00	23922.00	>100
815	840.00	15	SLV(E)	58.51	250.31	0.71	10.05	257.06	1.00	23922.00	251461.00	23922.00	93,062
816	900.00	15	SLV(E)	52.49	224.55	0.71	10.05	230.60	1.00	23922.00	249846.00	23922.00	>100
817	960.00	15	SLV(E)	39.84	170.44	0.71	10.05	175.04	1.00	23922.00	248262.00	23922.00	>100
818	1020.00	15	SLV(E)	26.17	111.97	0.71	10.05	114.99	1.00	23922.00	246712.00	23922.00	>100
819	1080.00	15	SLV(E)	14.55	62.24	0.71	10.05	63.91	1.00	23922.00	245201.00	23922.00	>100
820	1140.00	15	SLV(E)	6.14	26.27	0.71	10.05	26.98	1.00	23922.00	243732.00	2392	

822	1260.00	15	SLV(E)	-1.71	-7.31	0.71	10.05	7.51	1.00	23922.00	240928.00	23922.00	>100
823	1320.00	15	SLV(E)	-2.59	-11.09	0.71	10.05	11.39	1.00	23922.00	239598.00	23922.00	>100
824	1380.00	15	SLV(E)	-2.46	-10.54	0.71	10.05	10.83	1.00	23922.00	238317.00	23922.00	>100
825	1440.00	15	SLV(E)	-1.89	-8.07	0.71	10.05	8.29	1.00	23922.00	237086.00	23922.00	>100
826	1500.00	15	SLV(E)	-1.22	-5.23	0.71	10.05	5.37	1.00	23922.00	235906.00	23922.00	>100
829	1680.00	15	SLV(E)	-0.03	-0.11	0.71	10.05	0.11	1.00	23922.00	232668.00	23922.00	>100
830	1740.00	15	SLV(E)	0.08	0.36	0.71	10.05	0.37	1.00	23922.00	231689.00	23922.00	>100
851	0.00	17	SLU	814.15	752.88	0.71	10.05	1108.90	1.00	23922.00	253440.00	23922.00	21.573
852	60.00	17	SLU	3.41	3.15	0.71	10.05	4.64	1.00	23922.00	253609.00	23922.00	>100
853	120.00	17	SLU	-1781.46	-1647.39	0.71	10.05	2426.41	1.00	23922.00	253541.00	23922.00	9.859
854	180.00	17	SLU	-3503.84	-3240.14	0.71	10.05	4772.36	1.00	23922.00	253257.00	23922.00	5.013
855	240.00	17	SLU	-4608.50	-4261.68	0.71	10.05	6276.96	1.00	23922.00	252779.00	23922.00	3.811
856	300.00	17	SLU	-4928.46	-4557.55	0.71	10.05	6712.75	1.00	23922.00	252128.00	23922.00	3.564
857	360.00	17	SLU	-4559.36	-4216.23	0.71	10.05	6210.02	1.00	23922.00	251322.00	23922.00	3.852
858	420.00	17	SLU	-3731.26	-3450.45	0.71	10.05	5082.11	1.00	23922.00	250383.00	23922.00	4.707
859	480.00	17	SLU	-2702.62	-2499.23	0.71	10.05	3681.07	1.00	23922.00	249327.00	23922.00	6.499
860	540.00	17	SLU	-1706.46	-1578.03	0.71	10.05	2324.26	1.00	23922.00	248172.00	23922.00	10.292
861	600.00	17	SLU	-897.65	-830.09	0.71	10.05	1222.63	1.00	23922.00	246981.00	23922.00	19.566
862	660.00	17	SLU	-325.50	-301.00	0.71	10.05	443.35	1.00	23922.00	245787.00	23922.00	53.958
863	720.00	17	SLU	25.74	23.81	0.71	10.05	35.06	1.00	23922.00	244595.00	23922.00	>100
864	780.00	17	SLU	200.93	185.81	0.71	10.05	273.68	1.00	23922.00	243411.00	23922.00	87.410
865	840.00	17	SLU	253.94	234.83	0.71	10.05	345.88	1.00	23922.00	242239.00	23922.00	69.162
866	900.00	17	SLU	234.58	216.92	0.71	10.05	319.50	1.00	23922.00	241084.00	23922.00	74.873
867	960.00	17	SLU	181.78	168.10	0.71	10.05	247.59	1.00	23922.00	239950.00	23922.00	96.619
868	1020.00	17	SLU	121.82	112.65	0.71	10.05	165.92	1.00	23922.00	238839.00	23922.00	>100
869	1080.00	17	SLU	69.48	64.25	0.71	10.05	94.63	1.00	23922.00	237756.00	23922.00	>100
870	1140.00	17	SLU	30.86	28.53	0.71	10.05	42.03	1.00	23922.00	236701.00	23922.00	>100
871	1200.00	17	SLU	6.40	5.92	0.71	10.05	8.71	1.00	23922.00	235677.00	23922.00	>100
872	1260.00	17	SLU	-6.41	-5.92	0.71	10.05	8.72	1.00	23922.00	234686.00	23922.00	>100
873	1320.00	17	SLU	-11.07	-10.24	0.71	10.05	15.08	1.00	23922.00	233729.00	23922.00	>100
874	1380.00	17	SLU	-10.94	-10.12	0.71	10.05	14.90	1.00	23922.00	232807.00	23922.00	>100
875	1440.00	17	SLU	-8.58	-7.93	0.71	10.05	11.68	1.00	23922.00	231921.00	23922.00	>100
876	1500.00	17	SLU	-5.67	-5.25	0.71	10.05	7.73	1.00	23922.00	231071.00	23922.00	>100
879	1680.00	17	SLU	-0.21	-0.19	0.71	10.05	0.28	1.00	23922.00	228735.00	23922.00	>100
880	1740.00	17	SLU	0.33	0.30	0.71	10.05	0.45	1.00	23922.00	228027.00	23922.00	>100
881	1800.00	17	SLU	0.49	0.45	0.71	10.05	0.66	1.00	23922.00	227354.00	23922.00	>100
901	0.00	1	SLV(E)	-180.13	-71.09	0.71	10.05	193.65	1.00	23922.00	261450.00	23922.00	>100
902	60.00	1	SLV(E)	528.98	208.77	0.71	10.05	568.68	1.00	23922.00	261450.00	23922.00	42.066
903	120.00	1	SLV(E)	2073.60	818.38	0.71	10.05	2229.25	1.00	23922.00	261450.00	23922.00	10.731
904	180.00	1	SLV(E)	3528.44	1392.55	0.71	10.05	3793.29	1.00	23922.00	261450.00	23922.00	6.306
905	240.00	1	SLV(E)	4411.63	1741.12	0.71	10.05	4742.78	1.00	23922.00	261450.00	23922.00	5.044
906	300.00	1	SLV(E)	4591.79	1812.23	0.71	10.05	4936.47	1.00	23922.00	261450.00	23922.00	4.846
907	360.00	1	SLV(E)	4169.36	1645.51	0.71	10.05	4482.33	1.00	23922.00	261450.00	23922.00	5.337
908	420.00	1	SLV(E)	3358.98	1325.68	0.71	10.05	3611.11	1.00	23922.00	261450.00	23922.00	6.625
909	480.00	1	SLV(E)	2394.31	944.95	0.71	10.05	2574.03	1.00	23922.00	261450.00	23922.00	9.294
910	540.00	1	SLV(E)	1481.50	584.70	0.71	10.05	1592.70	1.00	23922.00	261450.00	23922.00	15.020
911	600.00	1	SLV(E)	753.46	297.37	0.71	10.05	810.02	1.00	23922.00	261450.00	23922.00	29.533
912	660.00	1	SLV(E)	247.42	97.65	0.71	10.05	266.00	1.00	23922.00	260668.00	23922.00	89.934
913	720.00	1	SLV(E)	-56.41	-22.26	0.71	10.05	60.65	1.00	23922.00	258805.00	23922.00	>100
914	780.00	1	SLV(E)	-202.06	-79.74	0.71	10.05	217.22	1.00	23922.00	256957.00	23922.00	>100
915	840.00	1	SLV(E)	-239.94	-94.70	0.71	10.05	257.95	1.00	23922.00	255131.00	23922.00	92.739
916	900.00	1	SLV(E)	-215.54	-85.07	0.71	10.05	231.72	1.00	23922.00	253334.00	23922.00	>100
917	960.00	1	SLV(E)	-163.77	-64.63	0.71	10.05	176.06	1.00	23922.00	251570.00	23922.00	>100
918	1020.00	1	SLV(E)	-107.69	-42.50	0.71	10.05	115.77	1.00	23922.00	249846.00	23922.00	>100
919	1080.00	1	SLV(E)	-59.93	-23.65	0.71	10.05	64.43	1.00	23922.00	248165.00	23922.00	>100
920	1140.00	1	SLV(E)	-25.37	-10.01	0.71	10.05	27.27	1.00	23922.00	246530.00	23922.00	>100
921	1200.00	1	SLV(E)	-3.92	-1.55	0.71	10.05	4.22	1.00	23922.00	244945.00	23922.00	>100
922	1260.00	1	SLV(E)	6.96	2.75	0.71	10.05	7.49	1.00	23922.00	243412.00	23922.00	>100
923	1320.00	1	SLV(E)	10.62	4.19	0.71	10.05	11.42	1.00	23922.00	241933.00	23922.00	>100
924	1380.00	1	SLV(E)	10.12	3.99	0.71	10.05	10.88	1.00	23922.00	240510.00	23922.00	>100
925	1440.00	1	SLV(E)	7.76	3.06	0.71	10.05	8.34	1.00	23922.00	239142.00	23922.00	>100
926	1500.00	1	SLV(E)	5.03	1.98	0.71	10.05	5.41	1.00	23922.00	237830.00	23922.00	>100
929	1680.00	1	SLV(E)	0.11	0.04	0.71	10.05	0.12	1.00	23922.00	234234.00	23922.00	>100
930	1740.00	1	SLV(E)	-0.34	-0.13	0.71	10.05	0.37	1.00	23922.00	233146.00	23922.00	>100
951	0.00	3	SLV(E)	-180.45	31.84	0.71	10.05	183.24	1.00	23922.00	261450.00	23922.00	>100
952	60.00	3	SLV(E)	568.74	-100.34	0.71	10.05	577.53	1.00	23922.00	261450.00	23922.00	41.422
953	120.00	3	SLV(E)	2200.39	-388.21	0.71	10.05	2234.37	1.00	23922.00	261450.00	23922.00	10.706
954	180.00	3	SLV(E)	3736.52	-659.24	0.71	10.05	3794.23	1.00	23922.00	261450.00	23922.00	6.305
955	240.00	3	SLV(E)	4668.10	-823.60	0.71	10.05	4740.20	1.00	23922.00	261450.00	23922.00	5.047
956	300.00	3	SLV(E)	4856.60	-856.85	0.71	10.05	4931.61	1.00	23922.00	261450.00	23922.00	4.851
957	360.00	3	SLV(E)	4408.45	-777.78	0.71	10.05	4476.53	1.00	23922.00	261450.00	23922.00	5.344
958	420.00	3	SLV(E)	3550.65	-626.44	0.71	10.05	3605.49	1.00	23922.00	261450.00	23922.00	6.635
959	480.00	3	SLV(E)	2530.24	-446.41	0.71	10.05	2569.31	1.00	23922.00	261450.00	23922.00	9.311
960	540.00	3	SLV(E)	1565.05	-276.12	0.71	10.05	1589.22	1.00	23922.00	261450.00	23922.00	15.053
961	600.00	3	SLV(E)	795.48	-140.35	0.71	10.05	807.76	1.00	23922.00	260470.00	23922.00	29.615
962	660.00	3	SLV(E)	260.72	-46.00	0.71	10.05	264.75	1.00	23922.00	258690.00	23922.00	90.358
963	720.00	3	SLV(E)	-60.23	10.63	0.71	10.05	61.16	1.00	23922.00	256917.00	23922.00	>100
964	780.00	3	SLV(E)	-213.97	37.75	0.71	10.05	217.27	1.00	23922.00	255157.00	23922.00	>100
965	840.00	3	SLV(E)	-253.84	44.78	0.71	10.05	257.75	1.00	23922.00	253418.00	23922.00	92.809
966	900.00	3	SLV(E)	-227.92	40.21	0.71	10.05	231.44	1.00	23922.00	251706.00	23922.00	>100
967	960.00	3	SLV(E)	-173.12	30.54	0.71	10.05	175.79	1.00	23922.00	250026.00	23922.00	>100
968	1020.00	3	SLV(E)	-113.80	20.08	0.71	10.05	115.55	1.00	23922.00	248383.00	23922.00	>100
969	1080.00	3	SLV(E)	-63.31	11.17	0.71	10.05	64.28	1.00	23922.00	246781.00	23922.00	>100
970	1140.00	3	SLV(E)	-26.7									

971	1200.00	3	SLV(E)	-4.11	0.73	0.71	10.05	4.18	1.00	23922.00	243713.00	23922.00	>100
972	1260.00	3	SLV(E)	7.38	-1.30	0.71	10.05	7.50	1.00	23922.00	242253.00	23922.00	>100
973	1320.00	3	SLV(E)	11.24	-1.98	0.71	10.05	11.42	1.00	23922.00	240843.00	23922.00	>100
974	1380.00	3	SLV(E)	10.70	-1.89	0.71	10.05	10.86	1.00	23922.00	239486.00	23922.00	>100
975	1440.00	3	SLV(E)	8.20	-1.45	0.71	10.05	8.33	1.00	23922.00	238182.00	23922.00	>100
976	1500.00	3	SLV(E)	5.31	-0.94	0.71	10.05	5.40	1.00	23922.00	236932.00	23922.00	>100
979	1680.00	3	SLV(E)	0.11	-0.02	0.71	10.05	0.12	1.00	23922.00	233503.00	23922.00	>100
980	1740.00	3	SLV(E)	-0.36	0.06	0.71	10.05	0.37	1.00	23922.00	232466.00	23922.00	>100
1001	0.00	5	SLV(E)	179.41	-70.00	0.71	10.05	192.59	1.00	23922.00	261450.00	23922.00	>100
1002	60.00	5	SLV(E)	-530.67	207.04	0.71	10.05	569.63	1.00	23922.00	261450.00	23922.00	41.995
1003	120.00	5	SLV(E)	-2077.41	810.49	0.71	10.05	2229.92	1.00	23922.00	261450.00	23922.00	10.728
1004	180.00	5	SLV(E)	-3534.18	1378.84	0.71	10.05	3793.62	1.00	23922.00	261450.00	23922.00	6.306
1005	240.00	5	SLV(E)	-4418.45	1723.83	0.71	10.05	4742.81	1.00	23922.00	261450.00	23922.00	5.044
1006	300.00	5	SLV(E)	-4598.67	1794.14	0.71	10.05	4936.27	1.00	23922.00	261450.00	23922.00	4.846
1007	360.00	5	SLV(E)	-4175.48	1629.04	0.71	10.05	4482.01	1.00	23922.00	261450.00	23922.00	5.337
1008	420.00	5	SLV(E)	-3363.81	1312.37	0.71	10.05	3610.76	1.00	23922.00	261450.00	23922.00	6.625
1009	480.00	5	SLV(E)	-2397.69	935.44	0.71	10.05	2573.70	1.00	23922.00	261450.00	23922.00	9.295
1010	540.00	5	SLV(E)	-1483.53	578.79	0.71	10.05	1592.44	1.00	23922.00	261450.00	23922.00	15.022
1011	600.00	5	SLV(E)	-754.45	294.35	0.71	10.05	809.84	1.00	23922.00	261450.00	23922.00	29.539
1012	660.00	5	SLV(E)	-247.70	96.64	0.71	10.05	265.88	1.00	23922.00	260668.00	23922.00	89.972
1013	720.00	5	SLV(E)	56.55	-22.06	0.71	10.05	60.70	1.00	23922.00	258805.00	23922.00	>100
1014	780.00	5	SLV(E)	202.38	-78.96	0.71	10.05	217.24	1.00	23922.00	256957.00	23922.00	>100
1015	840.00	5	SLV(E)	240.31	-93.75	0.71	10.05	257.95	1.00	23922.00	255131.00	23922.00	92.740
1016	900.00	5	SLV(E)	215.86	-84.22	0.71	10.05	231.71	1.00	23922.00	253334.00	23922.00	>100
1017	960.00	5	SLV(E)	164.00	-63.99	0.71	10.05	176.04	1.00	23922.00	251570.00	23922.00	>100
1018	1020.00	5	SLV(E)	107.84	-42.07	0.71	10.05	115.75	1.00	23922.00	249846.00	23922.00	>100
1019	1080.00	5	SLV(E)	60.01	-23.41	0.71	10.05	64.42	1.00	23922.00	248164.00	23922.00	>100
1020	1140.00	5	SLV(E)	25.40	-9.91	0.71	10.05	27.26	1.00	23922.00	246530.00	23922.00	>100
1021	1200.00	5	SLV(E)	3.92	-1.53	0.71	10.05	4.21	1.00	23922.00	244945.00	23922.00	>100
1022	1260.00	5	SLV(E)	-6.98	2.72	0.71	10.05	7.49	1.00	23922.00	243412.00	23922.00	>100
1023	1320.00	5	SLV(E)	-10.64	4.15	0.71	10.05	11.42	1.00	23922.00	241933.00	23922.00	>100
1024	1380.00	5	SLV(E)	-10.13	3.95	0.71	10.05	10.87	1.00	23922.00	240510.00	23922.00	>100
1025	1440.00	5	SLV(E)	-7.77	3.03	0.71	10.05	8.34	1.00	23922.00	239142.00	23922.00	>100
1026	1500.00	5	SLV(E)	-5.03	1.96	0.71	10.05	5.40	1.00	23922.00	237830.00	23922.00	>100
1029	1680.00	5	SLV(E)	-0.11	0.04	0.71	10.05	0.12	1.00	23922.00	234234.00	23922.00	>100
1030	1740.00	5	SLV(E)	0.34	-0.13	0.71	10.05	0.37	1.00	23922.00	233146.00	23922.00	>100
1051	0.00	7	SLV(E)	179.09	32.93	0.71	10.05	182.09	1.00	23922.00	261450.00	23922.00	>100
1052	60.00	7	SLV(E)	-569.01	-104.63	0.71	10.05	578.55	1.00	23922.00	261450.00	23922.00	41.348
1053	120.00	7	SLV(E)	-2198.23	-404.20	0.71	10.05	2235.08	1.00	23922.00	261450.00	23922.00	10.703
1054	180.00	7	SLV(E)	-3732.01	-686.23	0.71	10.05	3794.57	1.00	23922.00	261450.00	23922.00	6.304
1055	240.00	7	SLV(E)	-4662.06	-857.24	0.71	10.05	4740.22	1.00	23922.00	261450.00	23922.00	5.047
1056	300.00	7	SLV(E)	-4850.08	-891.81	0.71	10.05	4931.39	1.00	23922.00	261450.00	23922.00	4.851
1057	360.00	7	SLV(E)	-4402.38	-809.49	0.71	10.05	4476.18	1.00	23922.00	261450.00	23922.00	5.344
1058	420.00	7	SLV(E)	-3545.65	-651.96	0.71	10.05	3605.10	1.00	23922.00	261450.00	23922.00	6.636
1059	480.00	7	SLV(E)	-2526.60	-464.58	0.71	10.05	2568.96	1.00	23922.00	261450.00	23922.00	9.312
1060	540.00	7	SLV(E)	-1562.74	-287.35	0.71	10.05	1588.94	1.00	23922.00	261450.00	23922.00	15.055
1061	600.00	7	SLV(E)	-794.25	-146.04	0.71	10.05	807.56	1.00	23922.00	260470.00	23922.00	29.622
1062	660.00	7	SLV(E)	-260.26	-47.86	0.71	10.05	264.63	1.00	23922.00	258690.00	23922.00	90.399
1063	720.00	7	SLV(E)	60.21	11.07	0.71	10.05	61.22	1.00	23922.00	256917.00	23922.00	>100
1064	780.00	7	SLV(E)	213.71	39.30	0.71	10.05	217.29	1.00	23922.00	255157.00	23922.00	>100
1065	840.00	7	SLV(E)	253.50	46.61	0.71	10.05	257.75	1.00	23922.00	253418.00	23922.00	92.811
1066	900.00	7	SLV(E)	227.61	41.85	0.71	10.05	231.42	1.00	23922.00	251706.00	23922.00	>100
1067	960.00	7	SLV(E)	172.87	31.79	0.71	10.05	175.77	1.00	23922.00	250026.00	23922.00	>100
1068	1020.00	7	SLV(E)	113.63	20.89	0.71	10.05	115.54	1.00	23922.00	248383.00	23922.00	>100
1069	1080.00	7	SLV(E)	63.21	11.62	0.71	10.05	64.27	1.00	23922.00	246781.00	23922.00	>100
1070	1140.00	7	SLV(E)	26.73	4.91	0.71	10.05	27.18	1.00	23922.00	245224.00	23922.00	>100
1071	1200.00	7	SLV(E)	4.10	0.75	0.71	10.05	4.17	1.00	23922.00	243713.00	23922.00	>100
1072	1260.00	7	SLV(E)	-7.38	-1.36	0.71	10.05	7.50	1.00	23922.00	242253.00	23922.00	>100
1073	1320.00	7	SLV(E)	-11.23	-2.06	0.71	10.05	11.42	1.00	23922.00	240843.00	23922.00	>100
1074	1380.00	7	SLV(E)	-10.68	-1.96	0.71	10.05	10.86	1.00	23922.00	239486.00	23922.00	>100
1075	1440.00	7	SLV(E)	-8.19	-1.51	0.71	10.05	8.32	1.00	23922.00	238182.00	23922.00	>100
1076	1500.00	7	SLV(E)	-5.31	-0.98	0.71	10.05	5.39	1.00	23922.00	236932.00	23922.00	>100
1079	1680.00	7	SLV(E)	-0.11	-0.02	0.71	10.05	0.12	1.00	23922.00	233503.00	23922.00	>100
1080	1740.00	7	SLV(E)	0.36	0.07	0.71	10.05	0.37	1.00	23922.00	232466.00	23922.00	>100
1101	0.00	9	SLV(E)	-53.91	-190.79	0.71	10.05	198.26	1.00	23922.00	261450.00	23922.00	>100
1102	60.00	9	SLV(E)	153.31	542.55	0.71	10.05	563.80	1.00	23922.00	261450.00	23922.00	42.430
1103	120.00	9	SLV(E)	604.73	2140.12	0.71	10.05	2223.92	1.00	23922.00	261450.00	23922.00	10.757
1104	180.00	9	SLV(E)	1030.00	3645.13	0.71	10.05	3787.86	1.00	23922.00	261450.00	23922.00	6.315
1105	240.00	9	SLV(E)	1288.29	4559.22	0.71	10.05	4737.74	1.00	23922.00	261450.00	23922.00	5.049
1106	300.00	9	SLV(E)	1341.18	4746.38	0.71	10.05	4932.23	1.00	23922.00	261450.00	23922.00	4.850
1107	360.00	9	SLV(E)	1217.97	4310.36	0.71	10.05	4479.13	1.00	23922.00	261450.00	23922.00	5.341
1108	420.00	9	SLV(E)	981.36	3473.00	0.71	10.05	3608.99	1.00	23922.00	261450.00	23922.00	6.628
1109	480.00	9	SLV(E)	699.61	2475.90	0.71	10.05	2572.84	1.00	23922.00	261450.00	23922.00	9.298
1110	540.00	9	SLV(E)	432.96	1532.24	0.71	10.05	1592.23	1.00	23922.00	261450.00	23922.00	15.024
1111	600.00	9	SLV(E)	220.26	779.49	0.71	10.05	810.01	1.00	23922.00	261450.00	23922.00	29.533
1112	660.00	9	SLV(E)	72.39	256.20	0.71	10.05	266.23	1.00	23922.00	261450.00	23922.00	89.855
1113	720.00	9	SLV(E)	-16.40	-58.05	0.71	10.05	60.33	1.00	23922.00	261008.00	23922.00	>100
1114	780.00	9	SLV(E)	-58.98	-208.74	0.71	10.05	216.91	1.00	23922.00	259058.00	23922.00	>100
1115	840.00	9	SLV(E)	-70.07	-247.99	0.71	10.05	257.70	1.00	23922.00	257130.00	23922.00	92.829
1116	900.00	9	SLV(E)	-22.96	-222.82	0.71	10.05	231.55	1.00	23922.00	255233.00	23922.00	>100
1117	960.00	9	SLV(E)	-47.85	-169.33	0.71	10.05	175.96	1.00	23922.00	253372.00	23922.00	>100
1118	1020.00	9	SLV(E)	-31.47	-111.36	0.71	10.05	115.72	1.00	23922.00	251552.00	23922.00	>100
1119	1080.00	9	SLV(E)	-17.52	-61.99	0.71	10.05	64.42	1.00	23922.00	249778.00	23922.00	

1121	1200.00	9	SLV(E)	-1.15	-4.07	0.71	10.05	4.23	1.00	23922.00	246382.00	23922.00	>100
1122	1260.00	9	SLV(E)	2.03	7.19	0.71	10.05	7.47	1.00	23922.00	244765.00	23922.00	>100
1123	1320.00	9	SLV(E)	3.10	10.98	0.71	10.05	11.41	1.00	23922.00	243206.00	23922.00	>100
1124	1380.00	9	SLV(E)	2.95	10.46	0.71	10.05	10.87	1.00	23922.00	241704.00	23922.00	>100
1125	1440.00	9	SLV(E)	2.27	8.02	0.71	10.05	8.33	1.00	23922.00	240261.00	23922.00	>100
1126	1500.00	9	SLV(E)	1.47	5.20	0.71	10.05	5.40	1.00	23922.00	238879.00	23922.00	>100
1129	1680.00	9	SLV(E)	0.03	0.11	0.71	10.05	0.12	1.00	23922.00	235087.00	23922.00	>100
1130	1740.00	9	SLV(E)	-0.10	-0.35	0.71	10.05	0.37	1.00	23922.00	233940.00	23922.00	>100
1151	0.00	11	SLV(E)	53.95	-190.46	0.71	10.05	197.96	1.00	23922.00	261450.00	23922.00	>100
1152	60.00	11	SLV(E)	-153.73	542.72	0.71	10.05	564.07	1.00	23922.00	261450.00	23922.00	42.410
1153	120.00	11	SLV(E)	-606.17	2139.92	0.71	10.05	2224.11	1.00	23922.00	261450.00	23922.00	10.756
1154	180.00	11	SLV(E)	-1032.38	3644.56	0.71	10.05	3787.95	1.00	23922.00	261450.00	23922.00	6.315
1155	240.00	11	SLV(E)	-1291.24	4558.40	0.71	10.05	4737.75	1.00	23922.00	261450.00	23922.00	5.049
1156	300.00	11	SLV(E)	-1344.23	4745.46	0.71	10.05	4932.18	1.00	23922.00	261450.00	23922.00	4.850
1157	360.00	11	SLV(E)	-1220.73	4309.48	0.71	10.05	4479.04	1.00	23922.00	261450.00	23922.00	5.341
1158	420.00	11	SLV(E)	-983.58	3472.27	0.71	10.05	3608.88	1.00	23922.00	261450.00	23922.00	6.629
1159	480.00	11	SLV(E)	-701.18	2475.36	0.71	10.05	2572.75	1.00	23922.00	261450.00	23922.00	9.298
1160	540.00	11	SLV(E)	-433.93	1531.88	0.71	10.05	1592.16	1.00	23922.00	261450.00	23922.00	15.025
1161	600.00	11	SLV(E)	-220.75	779.30	0.71	10.05	809.96	1.00	23922.00	261450.00	23922.00	29.535
1162	660.00	11	SLV(E)	-72.55	256.12	0.71	10.05	266.20	1.00	23922.00	261450.00	23922.00	89.866
1163	720.00	11	SLV(E)	16.45	-58.06	0.71	10.05	60.34	1.00	23922.00	261008.00	23922.00	>100
1164	780.00	11	SLV(E)	59.12	-208.71	0.71	10.05	216.92	1.00	23922.00	259058.00	23922.00	>100
1165	840.00	11	SLV(E)	70.23	-247.94	0.71	10.05	257.70	1.00	23922.00	257130.00	23922.00	92.829
1166	900.00	11	SLV(E)	63.11	-222.78	0.71	10.05	231.54	1.00	23922.00	255233.00	23922.00	>100
1167	960.00	11	SLV(E)	47.95	-169.29	0.71	10.05	175.95	1.00	23922.00	253372.00	23922.00	>100
1168	1020.00	11	SLV(E)	31.54	-111.33	0.71	10.05	115.72	1.00	23922.00	251552.00	23922.00	>100
1169	1080.00	11	SLV(E)	17.56	-61.97	0.71	10.05	64.41	1.00	23922.00	249778.00	23922.00	>100
1170	1140.00	11	SLV(E)	7.43	-26.24	0.71	10.05	27.27	1.00	23922.00	248054.00	23922.00	>100
1171	1200.00	11	SLV(E)	1.15	-4.07	0.71	10.05	4.23	1.00	23922.00	246382.00	23922.00	>100
1172	1260.00	11	SLV(E)	-2.04	7.19	0.71	10.05	7.47	1.00	23922.00	244765.00	23922.00	>100
1173	1320.00	11	SLV(E)	-3.11	10.98	0.71	10.05	11.41	1.00	23922.00	243206.00	23922.00	>100
1174	1380.00	11	SLV(E)	-2.96	10.46	0.71	10.05	10.87	1.00	23922.00	241704.00	23922.00	>100
1175	1440.00	11	SLV(E)	-2.27	8.02	0.71	10.05	8.33	1.00	23922.00	240261.00	23922.00	>100
1176	1500.00	11	SLV(E)	-1.47	5.20	0.71	10.05	5.40	1.00	23922.00	238879.00	23922.00	>100
1179	1680.00	11	SLV(E)	-0.03	0.11	0.71	10.05	0.12	1.00	23922.00	235087.00	23922.00	>100
1180	1740.00	11	SLV(E)	0.10	-0.35	0.71	10.05	0.37	1.00	23922.00	233940.00	23922.00	>100
1201	0.00	13	SLV(E)	-54.99	152.30	0.71	10.05	161.93	1.00	23922.00	261450.00	23922.00	>100
1202	60.00	13	SLV(E)	201.96	-559.36	0.71	10.05	594.70	1.00	23922.00	261450.00	23922.00	40.225
1203	120.00	13	SLV(E)	761.34	-2108.68	0.71	10.05	2241.91	1.00	23922.00	261450.00	23922.00	10.670
1204	180.00	13	SLV(E)	1287.51	-3566.00	0.71	10.05	3791.31	1.00	23922.00	261450.00	23922.00	6.310
1205	240.00	13	SLV(E)	1605.94	-4447.94	0.71	10.05	4728.98	1.00	23922.00	261450.00	23922.00	5.059
1206	300.00	13	SLV(E)	1669.29	-4623.41	0.71	10.05	4915.54	1.00	23922.00	261450.00	23922.00	4.867
1207	360.00	13	SLV(E)	1514.30	-4194.13	0.71	10.05	4459.13	1.00	23922.00	261450.00	23922.00	5.365
1208	420.00	13	SLV(E)	1218.99	-3376.21	0.71	10.05	3589.53	1.00	23922.00	261450.00	23922.00	6.664
1209	480.00	13	SLV(E)	868.18	-2404.58	0.71	10.05	2556.51	1.00	23922.00	261355.00	23922.00	9.357
1210	540.00	13	SLV(E)	536.61	-1486.25	0.71	10.05	1580.16	1.00	23922.00	259730.00	23922.00	15.139
1211	600.00	13	SLV(E)	272.41	-754.49	0.71	10.05	802.16	1.00	23922.00	258058.00	23922.00	29.822
1212	660.00	13	SLV(E)	88.93	-246.32	0.71	10.05	261.88	1.00	23922.00	256383.00	23922.00	91.346
1213	720.00	13	SLV(E)	-21.10	58.43	0.71	10.05	62.12	1.00	23922.00	254713.00	23922.00	>100
1214	780.00	13	SLV(E)	-73.72	204.19	0.71	10.05	217.09	1.00	23922.00	253056.00	23922.00	>100
1215	840.00	13	SLV(E)	-87.29	241.76	0.71	10.05	257.04	1.00	23922.00	251419.00	23922.00	93.069
1216	900.00	13	SLV(E)	-78.30	216.87	0.71	10.05	230.58	1.00	23922.00	249806.00	23922.00	>100
1217	960.00	13	SLV(E)	-59.43	164.62	0.71	10.05	175.02	1.00	23922.00	248224.00	23922.00	>100
1218	1020.00	13	SLV(E)	-39.04	108.14	0.71	10.05	114.97	1.00	23922.00	246676.00	23922.00	>100
1219	1080.00	13	SLV(E)	-21.70	60.10	0.71	10.05	63.90	1.00	23922.00	245167.00	23922.00	>100
1220	1140.00	13	SLV(E)	-9.16	25.37	0.71	10.05	26.97	1.00	23922.00	243700.00	23922.00	>100
1221	1200.00	13	SLV(E)	-1.39	3.85	0.71	10.05	4.09	1.00	23922.00	242276.00	23922.00	>100
1222	1260.00	13	SLV(E)	2.55	-7.06	0.71	10.05	7.51	1.00	23922.00	240900.00	23922.00	>100
1223	1320.00	13	SLV(E)	3.87	-10.71	0.71	10.05	11.39	1.00	23922.00	239571.00	23922.00	>100
1224	1380.00	13	SLV(E)	3.68	-10.18	0.71	10.05	10.82	1.00	23922.00	238292.00	23922.00	>100
1225	1440.00	13	SLV(E)	2.82	-7.80	0.71	10.05	8.29	1.00	23922.00	237063.00	23922.00	>100
1226	1500.00	13	SLV(E)	1.82	-5.05	0.71	10.05	5.37	1.00	23922.00	235884.00	23922.00	>100
1229	1680.00	13	SLV(E)	0.04	-0.11	0.71	10.05	0.11	1.00	23922.00	232651.00	23922.00	>100
1230	1740.00	13	SLV(E)	-0.13	0.35	0.71	10.05	0.37	1.00	23922.00	231672.00	23922.00	>100
1251	0.00	15	SLV(E)	52.87	152.63	0.71	10.05	161.53	1.00	23922.00	261450.00	23922.00	>100
1252	60.00	15	SLV(E)	-194.78	-562.27	0.71	10.05	595.06	1.00	23922.00	261450.00	23922.00	40.201
1253	120.00	15	SLV(E)	-733.93	-2118.63	0.71	10.05	2242.15	1.00	23922.00	261450.00	23922.00	10.669
1254	180.00	15	SLV(E)	-1241.06	-3582.55	0.71	10.05	3791.43	1.00	23922.00	261450.00	23922.00	6.309
1255	240.00	15	SLV(E)	-1547.95	-4468.45	0.71	10.05	4728.98	1.00	23922.00	261450.00	23922.00	5.059
1256	300.00	15	SLV(E)	-1608.99	-4644.66	0.71	10.05	4915.45	1.00	23922.00	261450.00	23922.00	4.867
1257	360.00	15	SLV(E)	-1459.58	-4213.35	0.71	10.05	4459.00	1.00	23922.00	261450.00	23922.00	5.365
1258	420.00	15	SLV(E)	-1174.93	-3391.65	0.71	10.05	3589.39	1.00	23922.00	261450.00	23922.00	6.665
1259	480.00	15	SLV(E)	-836.79	-2415.55	0.71	10.05	2556.38	1.00	23922.00	261355.00	23922.00	9.358
1260	540.00	15	SLV(E)	-517.21	-1493.01	0.71	10.05	1580.06	1.00	23922.00	259730.00	23922.00	15.140
1261	600.00	15	SLV(E)	-262.55	-757.90	0.71	10.05	802.09	1.00	23922.00	258058.00	23922.00	29.825
1262	660.00	15	SLV(E)	-85.71	-247.42	0.71	10.05	261.84	1.00	23922.00	256383.00	23922.00	91.360
1263	720.00	15	SLV(E)	20.34	58.72	0.71	10.05	62.14	1.00	23922.00	254713.00	23922.00	>100
1264	780.00	15	SLV(E)	71.06	205.14	0.71	10.05	217.10	1.00	23922.00	253056.00	23922.00	>100
1265	840.00	15	SLV(E)	84.14	242.87	0.71	10.05	257.03	1.00	23922.00	251419.00	23922.00	93.070
1266	900.00	15	SLV(E)	75.47	217.87	0.71	10.05	230.57	1.00	23922.00	249806.00	23922.00	>100
1267	960.00	15	SLV(E)	57.29	165.37	0.71	10.05	175.01	1.00	23922.00	248224.00	23922.00	>100
1268	1020.00	15	SLV(E)	37.63	108.63	0.71	10.05	114.96	1.00	23922.00	246676.00	23922.00	>100
1269	1080.00	15	SLV(E)	20.92									

1271	1200.00	15	SLV(E)	1.34	3.86	0.71	10.05	4.09	1.00	23922.00	242276.00	23922.00	>100
1272	1260.00	15	SLV(E)	-2.46	-7.10	0.71	10.05	7.51	1.00	23922.00	240900.00	23922.00	>100
1273	1320.00	15	SLV(E)	-3.73	-10.76	0.71	10.05	11.39	1.00	23922.00	239571.00	23922.00	>100
1274	1380.00	15	SLV(E)	-3.54	-10.23	0.71	10.05	10.82	1.00	23922.00	238292.00	23922.00	>100
1275	1440.00	15	SLV(E)	-2.71	-7.83	0.71	10.05	8.29	1.00	23922.00	237063.00	23922.00	>100
1276	1500.00	15	SLV(E)	-1.76	-5.07	0.71	10.05	5.37	1.00	23922.00	235884.00	23922.00	>100
1279	1680.00	15	SLV(E)	-0.04	-0.11	0.71	10.05	0.11	1.00	23922.00	232651.00	23922.00	>100
1280	1740.00	15	SLV(E)	0.12	0.35	0.71	10.05	0.37	1.00	23922.00	231672.00	23922.00	>100
1301	0.00	17	SLU	1200.49	1753.28	0.71	10.05	2124.90	1.00	23922.00	236755.00	23922.00	11.258
1302	60.00	17	SLU	542.59	792.44	0.71	10.05	960.40	1.00	23922.00	236923.00	23922.00	24.908
1303	120.00	17	SLU	-922.53	-1347.33	0.71	10.05	1632.90	1.00	23922.00	236958.00	23922.00	14.650
1304	180.00	17	SLU	-2372.59	-3465.11	0.71	10.05	4199.54	1.00	23922.00	236871.00	23922.00	5.696
1305	240.00	17	SLU	-3353.23	-4897.30	0.71	10.05	5935.29	1.00	23922.00	236672.00	23922.00	4.030
1306	300.00	17	SLU	-3714.03	-5424.24	0.71	10.05	6573.91	1.00	23922.00	236374.00	23922.00	3.639
1307	360.00	17	SLU	-3515.57	-5134.40	0.71	10.05	6222.64	1.00	23922.00	235987.00	23922.00	3.844
1308	420.00	17	SLU	-2930.95	-4280.58	0.71	10.05	5187.85	1.00	23922.00	235521.00	23922.00	4.611
1309	480.00	17	SLU	-2162.18	-3157.81	0.71	10.05	3827.11	1.00	23922.00	234986.00	23922.00	6.251
1310	540.00	17	SLU	-1395.96	-2038.76	0.71	10.05	2470.87	1.00	23922.00	234393.00	23922.00	9.682
1311	600.00	17	SLU	-760.55	-1110.76	0.71	10.05	1346.18	1.00	23922.00	233776.00	23922.00	17.770
1312	660.00	17	SLU	-301.96	-441.01	0.71	10.05	534.48	1.00	23922.00	233155.00	23922.00	44.758
1313	720.00	17	SLU	-13.51	-19.73	0.71	10.05	23.91	1.00	23922.00	232532.00	23922.00	>100
1314	780.00	17	SLU	136.35	199.14	0.71	10.05	241.35	1.00	23922.00	231911.00	23922.00	99.119
1315	840.00	17	SLU	187.98	274.54	0.71	10.05	332.73	1.00	23922.00	231295.00	23922.00	71.897
1316	900.00	17	SLU	179.83	262.63	0.71	10.05	318.30	1.00	23922.00	230686.00	23922.00	75.155
1317	960.00	17	SLU	142.66	208.36	0.71	10.05	252.52	1.00	23922.00	230085.00	23922.00	94.733
1318	1020.00	17	SLU	97.69	142.68	0.71	10.05	172.92	1.00	23922.00	229496.00	23922.00	>100
1319	1080.00	17	SLU	57.23	83.58	0.71	10.05	101.30	1.00	23922.00	228919.00	23922.00	>100
1320	1140.00	17	SLU	26.68	38.97	0.71	10.05	47.23	1.00	23922.00	228357.00	23922.00	>100
1321	1200.00	17	SLU	6.89	10.06	0.71	10.05	12.20	1.00	23922.00	227810.00	23922.00	>100
1322	1260.00	17	SLU	-3.82	-5.57	0.71	10.05	6.75	1.00	23922.00	227279.00	23922.00	>100
1323	1320.00	17	SLU	-8.03	-11.73	0.71	10.05	14.22	1.00	23922.00	226765.00	23922.00	>100
1324	1380.00	17	SLU	-8.32	-12.15	0.71	10.05	14.73	1.00	23922.00	226269.00	23922.00	>100
1325	1440.00	17	SLU	-6.70	-9.79	0.71	10.05	11.87	1.00	23922.00	225791.00	23922.00	>100
1326	1500.00	17	SLU	-4.54	-6.63	0.71	10.05	8.03	1.00	23922.00	225332.00	23922.00	>100
1327	1560.00	17	SLU	-2.58	-3.77	0.71	10.05	4.57	1.00	23922.00	224891.00	23922.00	>100
1329	1680.00	17	SLU	-0.24	-0.35	0.71	10.05	0.43	1.00	23922.00	224066.00	23922.00	>100
1330	1740.00	17	SLU	0.21	0.30	0.71	10.05	0.37	1.00	23922.00	223682.00	23922.00	>100
1331	1800.00	17	SLU	0.36	0.52	0.71	10.05	0.64	1.00	23922.00	223316.00	23922.00	>100
1351	0.00	1	SLV(E)	-167.14	-72.51	0.71	10.05	182.19	1.00	23922.00	261450.00	23922.00	>100
1352	60.00	1	SLV(E)	530.60	230.20	0.71	10.05	578.38	1.00	23922.00	261450.00	23922.00	41.360
1353	120.00	1	SLV(E)	2050.16	889.45	0.71	10.05	2234.79	1.00	23922.00	261450.00	23922.00	10.704
1354	180.00	1	SLV(E)	3480.70	1510.09	0.71	10.05	3794.16	1.00	23922.00	261450.00	23922.00	6.305
1355	240.00	1	SLV(E)	4348.17	1886.44	0.71	10.05	4739.75	1.00	23922.00	261450.00	23922.00	5.047
1356	300.00	1	SLV(E)	4523.54	1962.53	0.71	10.05	4930.92	1.00	23922.00	261450.00	23922.00	4.851
1357	360.00	1	SLV(E)	4106.00	1781.37	0.71	10.05	4475.77	1.00	23922.00	261450.00	23922.00	5.345
1358	420.00	1	SLV(E)	3306.96	1434.72	0.71	10.05	3604.78	1.00	23922.00	261450.00	23922.00	6.636
1359	480.00	1	SLV(E)	2356.52	1022.37	0.71	10.05	2568.74	1.00	23922.00	261450.00	23922.00	9.313
1360	540.00	1	SLV(E)	1457.55	632.35	0.71	10.05	1588.81	1.00	23922.00	261450.00	23922.00	15.057
1361	600.00	1	SLV(E)	740.79	321.39	0.71	10.05	807.50	1.00	23922.00	260314.00	23922.00	29.625
1362	660.00	1	SLV(E)	242.75	105.32	0.71	10.05	264.61	1.00	23922.00	258542.00	23922.00	90.404
1363	720.00	1	SLV(E)	-56.15	-24.36	0.71	10.05	61.21	1.00	23922.00	256775.00	23922.00	>100
1364	780.00	1	SLV(E)	-199.32	-86.47	0.71	10.05	217.27	1.00	23922.00	255022.00	23922.00	>100
1365	840.00	1	SLV(E)	-236.43	-102.58	0.71	10.05	257.73	1.00	23922.00	253289.00	23922.00	92.820
1366	900.00	1	SLV(E)	-212.28	-92.10	0.71	10.05	231.40	1.00	23922.00	251583.00	23922.00	>100
1367	960.00	1	SLV(E)	-161.23	-69.95	0.71	10.05	175.75	1.00	23922.00	249910.00	23922.00	>100
1368	1020.00	1	SLV(E)	-105.98	-45.98	0.71	10.05	115.53	1.00	23922.00	248273.00	23922.00	>100
1369	1080.00	1	SLV(E)	-58.96	-25.58	0.71	10.05	64.27	1.00	23922.00	246677.00	23922.00	>100
1370	1140.00	1	SLV(E)	-24.93	-10.82	0.71	10.05	27.17	1.00	23922.00	245126.00	23922.00	>100
1371	1200.00	1	SLV(E)	-3.83	-1.66	0.71	10.05	4.17	1.00	23922.00	243621.00	23922.00	>100
1372	1260.00	1	SLV(E)	6.88	2.98	0.71	10.05	7.50	1.00	23922.00	242166.00	23922.00	>100
1373	1320.00	1	SLV(E)	10.47	4.54	0.71	10.05	11.41	1.00	23922.00	240761.00	23922.00	>100
1374	1380.00	1	SLV(E)	9.96	4.32	0.71	10.05	10.86	1.00	23922.00	239409.00	23922.00	>100
1375	1440.00	1	SLV(E)	7.64	3.31	0.71	10.05	8.32	1.00	23922.00	238110.00	23922.00	>100
1376	1500.00	1	SLV(E)	4.95	2.15	0.71	10.05	5.39	1.00	23922.00	236865.00	23922.00	>100
1379	1680.00	1	SLV(E)	0.11	0.05	0.71	10.05	0.12	1.00	23922.00	233448.00	23922.00	>100
1380	1740.00	1	SLV(E)	-0.34	-0.15	0.71	10.05	0.37	1.00	23922.00	232415.00	23922.00	>100
1401	0.00	3	SLV(E)	-165.12	32.12	0.71	10.05	168.22	1.00	23922.00	261450.00	23922.00	>100
1402	60.00	3	SLV(E)	578.82	-112.60	0.71	10.05	589.67	1.00	23922.00	261450.00	23922.00	40.568
1403	120.00	3	SLV(E)	2198.59	-427.70	0.71	10.05	2239.80	1.00	23922.00	261450.00	23922.00	10.680
1404	180.00	3	SLV(E)	3722.58	-724.16	0.71	10.05	3792.36	1.00	23922.00	261450.00	23922.00	6.308
1405	240.00	3	SLV(E)	4645.44	-903.69	0.71	10.05	4732.52	1.00	23922.00	261450.00	23922.00	5.055
1406	300.00	3	SLV(E)	4829.98	-939.59	0.71	10.05	4920.52	1.00	23922.00	261450.00	23922.00	4.862
1407	360.00	3	SLV(E)	4382.33	-852.51	0.71	10.05	4464.48	1.00	23922.00	261450.00	23922.00	5.358
1408	420.00	3	SLV(E)	3528.27	-686.37	0.71	10.05	3594.41	1.00	23922.00	261450.00	23922.00	6.655
1409	480.00	3	SLV(E)	2513.30	-488.92	0.71	10.05	2560.41	1.00	23922.00	261450.00	23922.00	9.343
1410	540.00	3	SLV(E)	1553.78	-302.26	0.71	10.05	1582.91	1.00	23922.00	260339.00	23922.00	15.113
1411	600.00	3	SLV(E)	789.06	-153.50	0.71	10.05	803.85	1.00	23922.00	258642.00	23922.00	29.759
1412	660.00	3	SLV(E)	257.91	-50.17	0.71	10.05	262.74	1.00	23922.00	256942.00	23922.00	91.048
1413	720.00	3	SLV(E)	-60.70	11.81	0.71	10.05	61.84	1.00	23922.00	255247.00	23922.00	>100
1414	780.00	3	SLV(E)	-213.16	41.47	0.71	10.05	217.16	1.00	23922.00	253565.00	23922.00	>100
1415	840.00	3	SLV(E)	-252.53	49.12	0.71	10.05	257.26	1.00	23922.00	251903.00	23922.00	92.988
1416	900.00	3	SLV(E)	-226.59	44.08	0.71	10.05	230.84	1.00	23922.00	250266.00	23922.00	>100
1417	960.00	3	SLV(E)	-172.03	33.47	0.71	10.05	175.25	1.00	23922.			

1419	1080.00	3	SLV(E)	-62.84	12.22	0.71	10.05	64.02	1.00	23922.00	245558.00	23922.00	>100
1420	1140.00	3	SLV(E)	-26.54	5.16	0.71	10.05	27.04	1.00	23922.00	244069.00	23922.00	>100
1421	1200.00	3	SLV(E)	-4.04	0.79	0.71	10.05	4.12	1.00	23922.00	242624.00	23922.00	>100
1422	1260.00	3	SLV(E)	7.37	-1.43	0.71	10.05	7.51	1.00	23922.00	241227.00	23922.00	>100
1423	1320.00	3	SLV(E)	11.19	-2.18	0.71	10.05	11.40	1.00	23922.00	239879.00	23922.00	>100
1424	1380.00	3	SLV(E)	10.64	-2.07	0.71	10.05	10.84	1.00	23922.00	238581.00	23922.00	>100
1425	1440.00	3	SLV(E)	8.15	-1.59	0.71	10.05	8.30	1.00	23922.00	237334.00	23922.00	>100
1426	1500.00	3	SLV(E)	5.28	-1.03	0.71	10.05	5.38	1.00	23922.00	236138.00	23922.00	>100
1429	1680.00	3	SLV(E)	0.11	-0.02	0.71	10.05	0.11	1.00	23922.00	232857.00	23922.00	>100
1430	1740.00	3	SLV(E)	-0.36	0.07	0.71	10.05	0.37	1.00	23922.00	231864.00	23922.00	>100
1451	0.00	5	SLV(E)	186.71	-63.60	0.71	10.05	197.25	1.00	23922.00	261450.00	23922.00	>100
1452	60.00	5	SLV(E)	-534.84	182.19	0.71	10.05	565.02	1.00	23922.00	261450.00	23922.00	42.339
1453	120.00	5	SLV(E)	-2106.67	717.64	0.71	10.05	2225.55	1.00	23922.00	261450.00	23922.00	10.749
1454	180.00	5	SLV(E)	-3587.37	1222.04	0.71	10.05	3789.80	1.00	23922.00	261450.00	23922.00	6.312
1455	240.00	5	SLV(E)	-4486.59	1528.37	0.71	10.05	4739.77	1.00	23922.00	261450.00	23922.00	5.047
1456	300.00	5	SLV(E)	-4670.55	1591.03	0.71	10.05	4934.11	1.00	23922.00	261450.00	23922.00	4.848
1457	360.00	5	SLV(E)	-4241.36	1444.83	0.71	10.05	4480.70	1.00	23922.00	261450.00	23922.00	5.339
1458	420.00	5	SLV(E)	-3417.30	1164.11	0.71	10.05	3610.14	1.00	23922.00	261450.00	23922.00	6.626
1459	480.00	5	SLV(E)	-2436.12	829.87	0.71	10.05	2573.59	1.00	23922.00	261450.00	23922.00	9.295
1460	540.00	5	SLV(E)	-1507.56	513.55	0.71	10.05	1592.63	1.00	23922.00	261450.00	23922.00	15.020
1461	600.00	5	SLV(E)	-766.89	261.24	0.71	10.05	810.16	1.00	23922.00	261450.00	23922.00	29.527
1462	660.00	5	SLV(E)	-252.00	85.85	0.71	10.05	266.23	1.00	23922.00	261450.00	23922.00	89.856
1463	720.00	5	SLV(E)	57.18	-19.48	0.71	10.05	60.41	1.00	23922.00	260475.00	23922.00	>100
1464	780.00	5	SLV(E)	205.43	-69.98	0.71	10.05	217.02	1.00	23922.00	258549.00	23922.00	>100
1465	840.00	5	SLV(E)	244.03	-83.13	0.71	10.05	257.81	1.00	23922.00	256646.00	23922.00	92.791
1466	900.00	5	SLV(E)	219.26	-74.69	0.71	10.05	231.63	1.00	23922.00	254773.00	23922.00	>100
1467	960.00	5	SLV(E)	166.61	-56.76	0.71	10.05	176.01	1.00	23922.00	252936.00	23922.00	>100
1468	1020.00	5	SLV(E)	109.57	-37.33	0.71	10.05	115.75	1.00	23922.00	251139.00	23922.00	>100
1469	1080.00	5	SLV(E)	60.99	-20.78	0.71	10.05	64.43	1.00	23922.00	249388.00	23922.00	>100
1470	1140.00	5	SLV(E)	25.82	-8.80	0.71	10.05	27.28	1.00	23922.00	247685.00	23922.00	>100
1471	1200.00	5	SLV(E)	4.00	-1.36	0.71	10.05	4.23	1.00	23922.00	246034.00	23922.00	>100
1472	1260.00	5	SLV(E)	-7.08	2.41	0.71	10.05	7.48	1.00	23922.00	244438.00	23922.00	>100
1473	1320.00	5	SLV(E)	-10.80	3.68	0.71	10.05	11.41	1.00	23922.00	242897.00	23922.00	>100
1474	1380.00	5	SLV(E)	-10.29	3.51	0.71	10.05	10.87	1.00	23922.00	241415.00	23922.00	>100
1475	1440.00	5	SLV(E)	-7.89	2.69	0.71	10.05	8.34	1.00	23922.00	239990.00	23922.00	>100
1476	1500.00	5	SLV(E)	-5.12	1.74	0.71	10.05	5.40	1.00	23922.00	238625.00	23922.00	>100
1479	1680.00	5	SLV(E)	-0.11	0.04	0.71	10.05	0.12	1.00	23922.00	234880.00	23922.00	>100
1480	1740.00	5	SLV(E)	0.35	-0.12	0.71	10.05	0.37	1.00	23922.00	233748.00	23922.00	>100
1501	0.00	7	SLV(E)	188.73	41.03	0.71	10.05	193.14	1.00	23922.00	261450.00	23922.00	>100
1502	60.00	7	SLV(E)	-556.14	-120.91	0.71	10.05	569.13	1.00	23922.00	261450.00	23922.00	42.033
1503	120.00	7	SLV(E)	-2178.65	-473.65	0.71	10.05	2229.54	1.00	23922.00	261450.00	23922.00	10.730
1504	180.00	7	SLV(E)	-3706.82	-805.89	0.71	10.05	3793.41	1.00	23922.00	261450.00	23922.00	6.306
1505	240.00	7	SLV(E)	-4634.48	-1007.57	0.71	10.05	4742.74	1.00	23922.00	261450.00	23922.00	5.044
1506	300.00	7	SLV(E)	-4823.64	-1048.69	0.71	10.05	4936.32	1.00	23922.00	261450.00	23922.00	4.846
1507	360.00	7	SLV(E)	-4379.82	-952.21	0.71	10.05	4482.13	1.00	23922.00	261450.00	23922.00	5.337
1508	420.00	7	SLV(E)	-3528.48	-767.12	0.71	10.05	3610.90	1.00	23922.00	261450.00	23922.00	6.625
1509	480.00	7	SLV(E)	-2515.09	-546.80	0.71	10.05	2573.85	1.00	23922.00	261450.00	23922.00	9.294
1510	540.00	7	SLV(E)	-1556.21	-338.33	0.71	10.05	1592.56	1.00	23922.00	261450.00	23922.00	15.021
1511	600.00	7	SLV(E)	-791.44	-172.06	0.71	10.05	809.93	1.00	23922.00	261450.00	23922.00	29.536
1512	660.00	7	SLV(E)	-259.87	-56.50	0.71	10.05	265.94	1.00	23922.00	260816.00	23922.00	89.953
1513	720.00	7	SLV(E)	59.29	12.89	0.71	10.05	60.67	1.00	23922.00	258947.00	23922.00	>100
1514	780.00	7	SLV(E)	212.27	46.15	0.71	10.05	217.23	1.00	23922.00	257092.00	23922.00	>100
1515	840.00	7	SLV(E)	252.06	54.80	0.71	10.05	257.94	1.00	23922.00	255260.00	23922.00	92.741
1516	900.00	7	SLV(E)	226.42	49.23	0.71	10.05	231.71	1.00	23922.00	253456.00	23922.00	>100
1517	960.00	7	SLV(E)	172.03	37.40	0.71	10.05	176.05	1.00	23922.00	251686.00	23922.00	>100
1518	1020.00	7	SLV(E)	113.12	24.59	0.71	10.05	115.76	1.00	23922.00	249956.00	23922.00	>100
1519	1080.00	7	SLV(E)	62.96	13.69	0.71	10.05	64.43	1.00	23922.00	248268.00	23922.00	>100
1520	1140.00	7	SLV(E)	26.64	5.79	0.71	10.05	27.27	1.00	23922.00	246628.00	23922.00	>100
1521	1200.00	7	SLV(E)	4.12	0.90	0.71	10.05	4.21	1.00	23922.00	245038.00	23922.00	>100
1522	1260.00	7	SLV(E)	-7.32	-1.59	0.71	10.05	7.49	1.00	23922.00	243500.00	23922.00	>100
1523	1320.00	7	SLV(E)	-11.16	-2.43	0.71	10.05	11.42	1.00	23922.00	242015.00	23922.00	>100
1524	1380.00	7	SLV(E)	-10.63	-2.31	0.71	10.05	10.87	1.00	23922.00	240587.00	23922.00	>100
1525	1440.00	7	SLV(E)	-8.15	-1.77	0.71	10.05	8.34	1.00	23922.00	239214.00	23922.00	>100
1526	1500.00	7	SLV(E)	-5.28	-1.15	0.71	10.05	5.40	1.00	23922.00	237898.00	23922.00	>100
1529	1680.00	7	SLV(E)	-0.12	-0.03	0.71	10.05	0.12	1.00	23922.00	234289.00	23922.00	>100
1530	1740.00	7	SLV(E)	0.36	0.08	0.71	10.05	0.37	1.00	23922.00	233197.00	23922.00	>100
1551	0.00	9	SLV(E)	-45.65	-191.47	0.71	10.05	196.84	1.00	23922.00	261450.00	23922.00	>100
1552	60.00	9	SLV(E)	131.19	550.22	0.71	10.05	565.65	1.00	23922.00	261450.00	23922.00	42.291
1553	120.00	9	SLV(E)	516.42	2165.92	0.71	10.05	2226.64	1.00	23922.00	261450.00	23922.00	10.744
1554	180.00	9	SLV(E)	879.31	3687.91	0.71	10.05	3791.29	1.00	23922.00	261450.00	23922.00	6.310
1555	240.00	9	SLV(E)	1099.69	4612.17	0.71	10.05	4741.46	1.00	23922.00	261450.00	23922.00	5.045
1556	300.00	9	SLV(E)	1144.75	4801.19	0.71	10.05	4935.77	1.00	23922.00	261450.00	23922.00	4.847
1557	360.00	9	SLV(E)	1039.54	4359.92	0.71	10.05	4482.14	1.00	23922.00	261450.00	23922.00	5.337
1558	420.00	9	SLV(E)	837.56	3512.79	0.71	10.05	3611.26	1.00	23922.00	261450.00	23922.00	6.624
1559	480.00	9	SLV(E)	597.07	2504.16	0.71	10.05	2574.36	1.00	23922.00	261450.00	23922.00	9.292
1560	540.00	9	SLV(E)	369.48	1549.64	0.71	10.05	1593.08	1.00	23922.00	261450.00	23922.00	15.016
1561	600.00	9	SLV(E)	187.95	788.27	0.71	10.05	810.37	1.00	23922.00	261450.00	23922.00	29.520
1562	660.00	9	SLV(E)	61.76	259.01	0.71	10.05	266.27	1.00	23922.00	261450.00	23922.00	89.841
1563	720.00	9	SLV(E)	-14.02	-58.81	0.71	10.05	60.46	1.00	23922.00	259852.00	23922.00	>100
1564	780.00	9	SLV(E)	-50.35	-211.19	0.71	10.05	217.11	1.00	23922.00	257955.00	23922.00	>100
1565	840.00	9	SLV(E)	-59.81	-250.86	0.71	10.05	257.89	1.00	23922.00	256081.00	23922.00	92.759
1566	900.00	9	SLV(E)	-53.74	-225.39	0.71	10.05	231.70	1.00	23922.00	254236.00	23922.00	>100
1567	960.00	9	SLV(E)	-40.84	-171.27	0.71	10.05	176.07	1.00	23922.00	252427.00	23922.	

1569	1080.00	9	SLV(E)	-14.95	-62.69	0.71	10.05	64.45	1.00	23922.00	248932.00	23922.00	>100
1570	1140.00	9	SLV(E)	-6.33	-26.54	0.71	10.05	27.29	1.00	23922.00	247254.00	23922.00	>100
1571	1200.00	9	SLV(E)	-0.98	-4.11	0.71	10.05	4.23	1.00	23922.00	245628.00	23922.00	>100
1572	1260.00	9	SLV(E)	1.73	7.28	0.71	10.05	7.48	1.00	23922.00	244055.00	23922.00	>100
1573	1320.00	9	SLV(E)	2.65	11.11	0.71	10.05	11.42	1.00	23922.00	242538.00	23922.00	>100
1574	1380.00	9	SLV(E)	2.52	10.58	0.71	10.05	10.87	1.00	23922.00	241077.00	23922.00	>100
1575	1440.00	9	SLV(E)	1.93	8.11	0.71	10.05	8.34	1.00	23922.00	239674.00	23922.00	>100
1576	1500.00	9	SLV(E)	1.25	5.26	0.71	10.05	5.41	1.00	23922.00	238329.00	23922.00	>100
1579	1680.00	9	SLV(E)	0.03	0.12	0.71	10.05	0.12	1.00	23922.00	234639.00	23922.00	>100
1580	1740.00	9	SLV(E)	-0.09	-0.36	0.71	10.05	0.37	1.00	23922.00	233523.00	23922.00	>100
1601	0.00	11	SLV(E)	60.50	-188.80	0.71	10.05	198.25	1.00	23922.00	261450.00	23922.00	>100
1602	60.00	11	SLV(E)	-172.07	536.94	0.71	10.05	563.84	1.00	23922.00	261450.00	23922.00	42.427
1603	120.00	11	SLV(E)	-678.73	2117.92	0.71	10.05	2224.02	1.00	23922.00	261450.00	23922.00	10.756
1604	180.00	11	SLV(E)	-1156.03	3607.31	0.71	10.05	3788.01	1.00	23922.00	261450.00	23922.00	6.315
1605	240.00	11	SLV(E)	-1445.93	4511.91	0.71	10.05	4737.93	1.00	23922.00	261450.00	23922.00	5.049
1606	300.00	11	SLV(E)	-1505.28	4697.12	0.71	10.05	4932.43	1.00	23922.00	261450.00	23922.00	4.850
1607	360.00	11	SLV(E)	-1367.00	4265.62	0.71	10.05	4479.31	1.00	23922.00	261450.00	23922.00	5.341
1608	420.00	11	SLV(E)	-1101.44	3436.95	0.71	10.05	3609.13	1.00	23922.00	261450.00	23922.00	6.628
1609	480.00	11	SLV(E)	-785.21	2450.20	0.71	10.05	2572.94	1.00	23922.00	261450.00	23922.00	9.298
1610	540.00	11	SLV(E)	-485.94	1516.33	0.71	10.05	1592.29	1.00	23922.00	261450.00	23922.00	15.024
1611	600.00	11	SLV(E)	-247.21	771.40	0.71	10.05	810.04	1.00	23922.00	261450.00	23922.00	29.532
1612	660.00	11	SLV(E)	-81.25	253.54	0.71	10.05	266.24	1.00	23922.00	261450.00	23922.00	89.852
1613	720.00	11	SLV(E)	18.41	-57.45	0.71	10.05	60.33	1.00	23922.00	260962.00	23922.00	>100
1614	780.00	11	SLV(E)	66.20	-206.57	0.71	10.05	216.92	1.00	23922.00	259014.00	23922.00	>100
1615	840.00	11	SLV(E)	78.65	-245.42	0.71	10.05	257.71	1.00	23922.00	257088.00	23922.00	92.825
1616	900.00	11	SLV(E)	70.67	-220.51	0.71	10.05	231.56	1.00	23922.00	255193.00	23922.00	>100
1617	960.00	11	SLV(E)	53.70	-167.57	0.71	10.05	175.96	1.00	23922.00	253334.00	23922.00	>100
1618	1020.00	11	SLV(E)	35.32	-110.20	0.71	10.05	115.72	1.00	23922.00	251517.00	23922.00	>100
1619	1080.00	11	SLV(E)	19.66	-61.35	0.71	10.05	64.42	1.00	23922.00	249745.00	23922.00	>100
1620	1140.00	11	SLV(E)	8.32	-25.97	0.71	10.05	27.28	1.00	23922.00	248022.00	23922.00	>100
1621	1200.00	11	SLV(E)	1.29	-4.03	0.71	10.05	4.23	1.00	23922.00	246352.00	23922.00	>100
1622	1260.00	11	SLV(E)	-2.28	7.12	0.71	10.05	7.47	1.00	23922.00	244737.00	23922.00	>100
1623	1320.00	11	SLV(E)	-3.48	10.87	0.71	10.05	11.41	1.00	23922.00	243179.00	23922.00	>100
1624	1380.00	11	SLV(E)	-3.32	10.35	0.71	10.05	10.87	1.00	23922.00	241679.00	23922.00	>100
1625	1440.00	11	SLV(E)	-2.54	7.94	0.71	10.05	8.33	1.00	23922.00	240238.00	23922.00	>100
1626	1500.00	11	SLV(E)	-1.65	5.15	0.71	10.05	5.40	1.00	23922.00	238857.00	23922.00	>100
1629	1680.00	11	SLV(E)	-0.04	0.11	0.71	10.05	0.12	1.00	23922.00	235069.00	23922.00	>100
1630	1740.00	11	SLV(E)	0.11	-0.35	0.71	10.05	0.37	1.00	23922.00	233923.00	23922.00	>100
1651	0.00	13	SLV(E)	-38.91	157.31	0.71	10.05	162.06	1.00	23922.00	261450.00	23922.00	>100
1652	60.00	13	SLV(E)	142.78	-577.24	0.71	10.05	594.64	1.00	23922.00	261450.00	23922.00	40.230
1653	120.00	13	SLV(E)	538.35	-2176.40	0.71	10.05	2241.99	1.00	23922.00	261450.00	23922.00	10.670
1654	180.00	13	SLV(E)	910.42	-3680.61	0.71	10.05	3791.54	1.00	23922.00	261450.00	23922.00	6.309
1655	240.00	13	SLV(E)	1135.60	-4590.94	0.71	10.05	4729.30	1.00	23922.00	261450.00	23922.00	5.058
1656	300.00	13	SLV(E)	1180.40	-4772.08	0.71	10.05	4915.90	1.00	23922.00	261450.00	23922.00	4.866
1657	360.00	13	SLV(E)	1070.81	-4329.01	0.71	10.05	4459.48	1.00	23922.00	261450.00	23922.00	5.364
1658	420.00	13	SLV(E)	861.99	-3484.80	0.71	10.05	3589.82	1.00	23922.00	261450.00	23922.00	6.664
1659	480.00	13	SLV(E)	613.92	-2481.92	0.71	10.05	2556.72	1.00	23922.00	261410.00	23922.00	9.357
1660	540.00	13	SLV(E)	379.46	-1534.06	0.71	10.05	1580.30	1.00	23922.00	259782.00	23922.00	15.138
1661	600.00	13	SLV(E)	192.63	-778.77	0.71	10.05	802.24	1.00	23922.00	258108.00	23922.00	29.819
1662	660.00	13	SLV(E)	62.89	-254.25	0.71	10.05	261.92	1.00	23922.00	256431.00	23922.00	91.335
1663	720.00	13	SLV(E)	-14.92	60.30	0.71	10.05	62.12	1.00	23922.00	254759.00	23922.00	>100
1664	780.00	13	SLV(E)	-52.13	210.75	0.71	10.05	217.11	1.00	23922.00	253100.00	23922.00	>100
1665	840.00	13	SLV(E)	-61.72	249.53	0.71	10.05	257.05	1.00	23922.00	251461.00	23922.00	93.063
1666	900.00	13	SLV(E)	-55.37	223.85	0.71	10.05	230.59	1.00	23922.00	249846.00	23922.00	>100
1667	960.00	13	SLV(E)	-42.03	169.91	0.71	10.05	175.03	1.00	23922.00	248262.00	23922.00	>100
1668	1020.00	13	SLV(E)	-27.61	111.61	0.71	10.05	114.98	1.00	23922.00	246712.00	23922.00	>100
1669	1080.00	13	SLV(E)	-15.35	62.04	0.71	10.05	63.91	1.00	23922.00	245201.00	23922.00	>100
1670	1140.00	13	SLV(E)	-6.48	26.19	0.71	10.05	26.98	1.00	23922.00	243732.00	23922.00	>100
1671	1200.00	13	SLV(E)	-0.98	3.97	0.71	10.05	4.09	1.00	23922.00	242306.00	23922.00	>100
1672	1260.00	13	SLV(E)	1.80	-7.29	0.71	10.05	7.51	1.00	23922.00	240928.00	23922.00	>100
1673	1320.00	13	SLV(E)	2.73	-11.06	0.71	10.05	11.39	1.00	23922.00	239598.00	23922.00	>100
1674	1380.00	13	SLV(E)	2.60	-10.51	0.71	10.05	10.83	1.00	23922.00	238317.00	23922.00	>100
1675	1440.00	13	SLV(E)	1.99	-8.05	0.71	10.05	8.29	1.00	23922.00	237086.00	23922.00	>100
1676	1500.00	13	SLV(E)	1.29	-5.21	0.71	10.05	5.37	1.00	23922.00	235906.00	23922.00	>100
1679	1680.00	13	SLV(E)	0.03	-0.11	0.71	10.05	0.11	1.00	23922.00	232668.00	23922.00	>100
1680	1740.00	13	SLV(E)	-0.09	0.36	0.71	10.05	0.37	1.00	23922.00	231689.00	23922.00	>100
1701	0.00	15	SLV(E)	67.24	159.99	0.71	10.05	173.54	1.00	23922.00	261450.00	23922.00	>100
1702	60.00	15	SLV(E)	-226.85	-539.74	0.71	10.05	585.48	1.00	23922.00	261450.00	23922.00	40.859
1703	120.00	15	SLV(E)	-867.25	-2063.40	0.71	10.05	2238.25	1.00	23922.00	261450.00	23922.00	10.688
1704	180.00	15	SLV(E)	-1469.91	-3497.28	0.71	10.05	3793.63	1.00	23922.00	261450.00	23922.00	6.306
1705	240.00	15	SLV(E)	-1835.05	-4366.03	0.71	10.05	4736.00	1.00	23922.00	261450.00	23922.00	5.051
1706	300.00	15	SLV(E)	-1908.37	-4540.48	0.71	10.05	4925.23	1.00	23922.00	261450.00	23922.00	4.857
1707	360.00	15	SLV(E)	-1731.77	-4120.32	0.71	10.05	4469.46	1.00	23922.00	261450.00	23922.00	5.352
1708	420.00	15	SLV(E)	-1394.46	-3317.77	0.71	10.05	3598.90	1.00	23922.00	261450.00	23922.00	6.647
1709	480.00	15	SLV(E)	-993.46	-2363.68	0.71	10.05	2563.97	1.00	23922.00	261450.00	23922.00	9.330
1710	540.00	15	SLV(E)	-614.29	-1461.54	0.71	10.05	1585.39	1.00	23922.00	261050.00	23922.00	15.089
1711	600.00	15	SLV(E)	-312.05	-742.45	0.71	10.05	805.36	1.00	23922.00	259323.00	23922.00	29.703
1712	660.00	15	SLV(E)	-102.09	-242.91	0.71	10.05	263.49	1.00	23922.00	257593.00	23922.00	90.788
1713	720.00	15	SLV(E)	23.87	56.80	0.71	10.05	61.61	1.00	23922.00	255869.00	23922.00	>100
1714	780.00	15	SLV(E)	84.17	200.26	0.71	10.05	217.23	1.00	23922.00	254159.00	23922.00	>100
1715	840.00	15	SLV(E)	99.76	237.36	0.71	10.05	257.48	1.00	23922.00	252468.00	23922.00	92.910
1716	900.00	15	SLV(E)	89.54	213.04	0.71	10.05	231.09	1.00	23922.00	250803.00	23922.00	>100
1717	960.00	15	SLV(E)	67.99	161.76								

1719	1080.00	15	SLV(E)	24.85	59.11	0.71	10.05	64.12	1.00	23922.00	246014.00	23922.00	>100
1720	1140.00	15	SLV(E)	10.50	24.98	0.71	10.05	27.09	1.00	23922.00	244499.00	23922.00	>100
1721	1200.00	15	SLV(E)	1.60	3.81	0.71	10.05	4.14	1.00	23922.00	243031.00	23922.00	>100
1722	1260.00	15	SLV(E)	-2.91	-6.92	0.71	10.05	7.50	1.00	23922.00	241610.00	23922.00	>100
1723	1320.00	15	SLV(E)	-4.42	-10.51	0.71	10.05	11.41	1.00	23922.00	240239.00	23922.00	>100
1724	1380.00	15	SLV(E)	-4.20	-10.00	0.71	10.05	10.85	1.00	23922.00	238918.00	23922.00	>100
1725	1440.00	15	SLV(E)	-3.22	-7.66	0.71	10.05	8.31	1.00	23922.00	237650.00	23922.00	>100
1726	1500.00	15	SLV(E)	-2.09	-4.96	0.71	10.05	5.38	1.00	23922.00	236434.00	23922.00	>100
1729	1680.00	15	SLV(E)	-0.04	-0.11	0.71	10.05	0.11	1.00	23922.00	233098.00	23922.00	>100
1730	1740.00	15	SLV(E)	0.14	0.34	0.71	10.05	0.37	1.00	23922.00	232089.00	23922.00	>100
1751	0.00	17	SLU	924.17	2822.38	0.71	10.05	2969.83	1.00	23922.00	237513.00	23922.00	8.055
1752	60.00	17	SLU	527.43	1610.75	0.71	10.05	1694.91	1.00	23922.00	237682.00	23922.00	14.114
1753	120.00	17	SLU	-362.30	-1106.45	0.71	10.05	1164.26	1.00	23922.00	237712.00	23922.00	20.547
1754	180.00	17	SLU	-1256.18	-3836.31	0.71	10.05	4036.74	1.00	23922.00	237616.00	23922.00	5.926
1755	240.00	17	SLU	-1878.78	-5737.69	0.71	10.05	6037.46	1.00	23922.00	237404.00	23922.00	3.962
1756	300.00	17	SLU	-2133.89	-6516.76	0.71	10.05	6857.23	1.00	23922.00	237090.00	23922.00	3.489
1757	360.00	17	SLU	-2051.69	-6265.75	0.71	10.05	6593.11	1.00	23922.00	236684.00	23922.00	3.628
1758	420.00	17	SLU	-1731.55	-5288.05	0.71	10.05	5564.33	1.00	23922.00	236196.00	23922.00	4.299
1759	480.00	17	SLU	-1292.41	-3946.95	0.71	10.05	4153.16	1.00	23922.00	235638.00	23922.00	5.760
1760	540.00	17	SLU	-845.98	-2583.56	0.71	10.05	2718.54	1.00	23922.00	235019.00	23922.00	8.800
1761	600.00	17	SLU	-470.56	-1437.05	0.71	10.05	1512.13	1.00	23922.00	234376.00	23922.00	15.820
1762	660.00	17	SLU	-196.13	-598.95	0.71	10.05	630.25	1.00	23922.00	233729.00	23922.00	37.957
1763	720.00	17	SLU	-20.90	-63.84	0.71	10.05	67.17	1.00	23922.00	233081.00	23922.00	>100
1764	780.00	17	SLU	72.32	220.87	0.71	10.05	232.41	1.00	23922.00	232434.00	23922.00	>100
1765	840.00	17	SLU	106.65	325.70	0.71	10.05	342.71	1.00	23922.00	231793.00	23922.00	69.802
1766	900.00	17	SLU	104.54	319.26	0.71	10.05	335.94	1.00	23922.00	231158.00	23922.00	71.209
1767	960.00	17	SLU	84.24	257.25	0.71	10.05	270.69	1.00	23922.00	230534.00	23922.00	88.374
1768	1020.00	17	SLU	58.48	178.60	0.71	10.05	187.94	1.00	23922.00	229921.00	23922.00	>100
1769	1080.00	17	SLU	34.83	106.36	0.71	10.05	111.91	1.00	23922.00	229321.00	23922.00	>100
1770	1140.00	17	SLU	16.70	51.01	0.71	10.05	53.67	1.00	23922.00	228736.00	23922.00	>100
1771	1200.00	17	SLU	4.79	14.61	0.71	10.05	15.38	1.00	23922.00	228167.00	23922.00	>100
1772	1260.00	17	SLU	-1.79	-5.46	0.71	10.05	5.75	1.00	23922.00	227616.00	23922.00	>100
1773	1320.00	17	SLU	-4.49	-13.72	0.71	10.05	14.44	1.00	23922.00	227082.00	23922.00	>100
1774	1380.00	17	SLU	-4.81	-14.70	0.71	10.05	15.47	1.00	23922.00	226566.00	23922.00	>100
1775	1440.00	17	SLU	-3.95	-12.06	0.71	10.05	12.69	1.00	23922.00	226070.00	23922.00	>100
1776	1500.00	17	SLU	-2.71	-8.28	0.71	10.05	8.72	1.00	23922.00	225593.00	23922.00	>100
1777	1560.00	17	SLU	-1.57	-4.79	0.71	10.05	5.04	1.00	23922.00	225135.00	23922.00	>100
1779	1680.00	17	SLU	-0.17	-0.53	0.71	10.05	0.55	1.00	23922.00	224279.00	23922.00	>100
1780	1740.00	17	SLU	0.10	0.32	0.71	10.05	0.34	1.00	23922.00	223879.00	23922.00	>100
1781	1800.00	17	SLU	0.20	0.62	0.71	10.05	0.65	1.00	23922.00	223499.00	23922.00	>100
1801	0.00	1	SLV(E)	-154.91	-63.04	0.71	10.05	167.24	1.00	23922.00	261450.00	23922.00	>100
1802	60.00	1	SLV(E)	546.89	222.57	0.71	10.05	590.45	1.00	23922.00	261450.00	23922.00	40.515
1803	120.00	1	SLV(E)	2074.87	844.43	0.71	10.05	2240.13	1.00	23922.00	261450.00	23922.00	10.679
1804	180.00	1	SLV(E)	3512.45	1429.49	0.71	10.05	3792.20	1.00	23922.00	261450.00	23922.00	6.308
1805	240.00	1	SLV(E)	4382.90	1783.74	0.71	10.05	4731.97	1.00	23922.00	261450.00	23922.00	5.055
1806	300.00	1	SLV(E)	4556.82	1854.53	0.71	10.05	4919.75	1.00	23922.00	261450.00	23922.00	4.862
1807	360.00	1	SLV(E)	4134.38	1682.60	0.71	10.05	4463.65	1.00	23922.00	261450.00	23922.00	5.359
1808	420.00	1	SLV(E)	3328.56	1354.65	0.71	10.05	3593.66	1.00	23922.00	261450.00	23922.00	6.657
1809	480.00	1	SLV(E)	2370.97	964.93	0.71	10.05	2559.81	1.00	23922.00	261450.00	23922.00	9.345
1810	540.00	1	SLV(E)	1465.74	596.53	0.71	10.05	1582.48	1.00	23922.00	260239.00	23922.00	15.117
1811	600.00	1	SLV(E)	744.31	302.92	0.71	10.05	803.59	1.00	23922.00	258546.00	23922.00	29.769
1812	660.00	1	SLV(E)	243.24	98.99	0.71	10.05	262.61	1.00	23922.00	256850.00	23922.00	91.094
1813	720.00	1	SLV(E)	-57.32	-23.33	0.71	10.05	61.88	1.00	23922.00	255159.00	23922.00	>100
1814	780.00	1	SLV(E)	-201.13	-81.85	0.71	10.05	217.15	1.00	23922.00	253481.00	23922.00	>100
1815	840.00	1	SLV(E)	-238.25	-96.96	0.71	10.05	257.23	1.00	23922.00	251823.00	23922.00	93.000
1816	900.00	1	SLV(E)	-213.78	-87.00	0.71	10.05	230.80	1.00	23922.00	250191.00	23922.00	>100
1817	960.00	1	SLV(E)	-162.29	-66.05	0.71	10.05	175.22	1.00	23922.00	248589.00	23922.00	>100
1818	1020.00	1	SLV(E)	-106.63	-43.40	0.71	10.05	115.12	1.00	23922.00	247022.00	23922.00	>100
1819	1080.00	1	SLV(E)	-59.28	-24.13	0.71	10.05	64.00	1.00	23922.00	245494.00	23922.00	>100
1820	1140.00	1	SLV(E)	-25.03	-10.19	0.71	10.05	27.03	1.00	23922.00	244008.00	23922.00	>100
1821	1200.00	1	SLV(E)	-3.81	-1.55	0.71	10.05	4.11	1.00	23922.00	242567.00	23922.00	>100
1822	1260.00	1	SLV(E)	6.95	2.83	0.71	10.05	7.51	1.00	23922.00	241173.00	23922.00	>100
1823	1320.00	1	SLV(E)	10.56	4.30	0.71	10.05	11.40	1.00	23922.00	239828.00	23922.00	>100
1824	1380.00	1	SLV(E)	10.04	4.08	0.71	10.05	10.83	1.00	23922.00	238533.00	23922.00	>100
1825	1440.00	1	SLV(E)	7.69	3.13	0.71	10.05	8.30	1.00	23922.00	237289.00	23922.00	>100
1826	1500.00	1	SLV(E)	4.98	2.03	0.71	10.05	5.38	1.00	23922.00	236096.00	23922.00	>100
1829	1680.00	1	SLV(E)	0.11	0.04	0.71	10.05	0.11	1.00	23922.00	232823.00	23922.00	>100
1830	1740.00	1	SLV(E)	-0.34	-0.14	0.71	10.05	0.37	1.00	23922.00	231833.00	23922.00	>100
1851	0.00	3	SLV(E)	-153.78	44.35	0.71	10.05	160.05	1.00	23922.00	261450.00	23922.00	>100
1852	60.00	3	SLV(E)	572.87	-165.21	0.71	10.05	596.21	1.00	23922.00	261450.00	23922.00	40.123
1853	120.00	3	SLV(E)	2154.75	-621.42	0.71	10.05	2242.56	1.00	23922.00	261450.00	23922.00	10.667
1854	180.00	3	SLV(E)	3642.58	-1050.51	0.71	10.05	3791.04	1.00	23922.00	261450.00	23922.00	6.310
1855	240.00	3	SLV(E)	4542.82	-1310.13	0.71	10.05	4727.97	1.00	23922.00	261450.00	23922.00	5.060
1856	300.00	3	SLV(E)	4721.67	-1361.71	0.71	10.05	4914.10	1.00	23922.00	261450.00	23922.00	4.868
1857	360.00	3	SLV(E)	4283.02	-1235.21	0.71	10.05	4457.58	1.00	23922.00	261450.00	23922.00	5.367
1858	420.00	3	SLV(E)	3447.60	-994.28	0.71	10.05	3588.11	1.00	23922.00	261450.00	23922.00	6.667
1859	480.00	3	SLV(E)	2455.30	-708.10	0.71	10.05	2555.37	1.00	23922.00	261192.00	23922.00	9.361
1860	540.00	3	SLV(E)	1517.51	-437.64	0.71	10.05	1579.35	1.00	23922.00	259572.00	23922.00	15.147
1861	600.00	3	SLV(E)	770.27	-222.14	0.71	10.05	801.66	1.00	23922.00	257907.00	23922.00	29.840
1862	660.00	3	SLV(E)	251.39	-72.50	0.71	10.05	261.63	1.00	23922.00	256239.00	23922.00	91.434
1863	720.00	3	SLV(E)	-59.77	17.24	0.71	10.05	62.21	1.00	23922.00	254576.00	23922.00	>100
1864	780.00	3	SLV(E)	-208.58	60.15	0.71	10.05	217.08	1.00	23922.00	252925.00	23922.00	>100
1865	840.00	3	SLV(E)	-246.91	71.21	0.71	10.05	256.97	1.00	23922.0			

1867	960.00	3	SLV(E)	-168.10	48.48	0.71	10.05	174.95	1.00	23922.00	248111.00	23922.00	>100
1868	1020.00	3	SLV(E)	-110.42	31.84	0.71	10.05	114.92	1.00	23922.00	246570.00	23922.00	>100
1869	1080.00	3	SLV(E)	-61.37	17.70	0.71	10.05	63.87	1.00	23922.00	245066.00	23922.00	>100
1870	1140.00	3	SLV(E)	-25.90	7.47	0.71	10.05	26.96	1.00	23922.00	243604.00	23922.00	>100
1871	1200.00	3	SLV(E)	-3.92	1.13	0.71	10.05	4.08	1.00	23922.00	242187.00	23922.00	>100
1872	1260.00	3	SLV(E)	7.22	-2.08	0.71	10.05	7.51	1.00	23922.00	240815.00	23922.00	>100
1873	1320.00	3	SLV(E)	10.94	-3.16	0.71	10.05	11.39	1.00	23922.00	239492.00	23922.00	>100
1874	1380.00	3	SLV(E)	10.40	-3.00	0.71	10.05	10.82	1.00	23922.00	238217.00	23922.00	>100
1875	1440.00	3	SLV(E)	7.96	-2.30	0.71	10.05	8.29	1.00	23922.00	236993.00	23922.00	>100
1876	1500.00	3	SLV(E)	5.16	-1.49	0.71	10.05	5.37	1.00	23922.00	235818.00	23922.00	>100
1879	1680.00	3	SLV(E)	0.11	-0.03	0.71	10.05	0.11	1.00	23922.00	232597.00	23922.00	>100
1880	1740.00	3	SLV(E)	-0.35	0.10	0.71	10.05	0.37	1.00	23922.00	231623.00	23922.00	>100
1901	0.00	5	SLV(E)	189.75	-57.13	0.71	10.05	198.17	1.00	23922.00	261450.00	23922.00	>100
1902	60.00	5	SLV(E)	-539.85	162.53	0.71	10.05	563.79	1.00	23922.00	261450.00	23922.00	42.431
1903	120.00	5	SLV(E)	-2129.27	641.06	0.71	10.05	2223.68	1.00	23922.00	261450.00	23922.00	10.758
1904	180.00	5	SLV(E)	-3626.60	1091.86	0.71	10.05	3787.39	1.00	23922.00	261450.00	23922.00	6.316
1905	240.00	5	SLV(E)	-4536.02	1365.65	0.71	10.05	4737.14	1.00	23922.00	261450.00	23922.00	5.050
1906	300.00	5	SLV(E)	-4722.21	1421.71	0.71	10.05	4931.59	1.00	23922.00	261450.00	23922.00	4.851
1907	360.00	5	SLV(E)	-4288.40	1291.10	0.71	10.05	4478.54	1.00	23922.00	261450.00	23922.00	5.341
1908	420.00	5	SLV(E)	-3455.30	1040.28	0.71	10.05	3608.50	1.00	23922.00	261450.00	23922.00	6.629
1909	480.00	5	SLV(E)	-2463.28	741.62	0.71	10.05	2572.49	1.00	23922.00	261450.00	23922.00	9.299
1910	540.00	5	SLV(E)	-1524.42	458.96	0.71	10.05	1592.01	1.00	23922.00	261450.00	23922.00	15.026
1911	600.00	5	SLV(E)	-775.51	233.48	0.71	10.05	809.90	1.00	23922.00	261450.00	23922.00	29.537
1912	660.00	5	SLV(E)	-254.89	76.74	0.71	10.05	266.19	1.00	23922.00	261450.00	23922.00	89.869
1913	720.00	5	SLV(E)	57.76	-17.39	0.71	10.05	60.32	1.00	23922.00	261147.00	23922.00	>100
1914	780.00	5	SLV(E)	207.68	-62.53	0.71	10.05	216.89	1.00	23922.00	259190.00	23922.00	>100
1915	840.00	5	SLV(E)	246.73	-74.28	0.71	10.05	257.67	1.00	23922.00	257256.00	23922.00	92.841
1916	900.00	5	SLV(E)	221.69	-66.74	0.71	10.05	231.52	1.00	23922.00	255352.00	23922.00	>100
1917	960.00	5	SLV(E)	168.46	-50.72	0.71	10.05	175.93	1.00	23922.00	253485.00	23922.00	>100
1918	1020.00	5	SLV(E)	110.79	-33.36	0.71	10.05	115.70	1.00	23922.00	251660.00	23922.00	>100
1919	1080.00	5	SLV(E)	61.67	-18.57	0.71	10.05	64.41	1.00	23922.00	249880.00	23922.00	>100
1920	1140.00	5	SLV(E)	26.11	-7.86	0.71	10.05	27.27	1.00	23922.00	248150.00	23922.00	>100
1921	1200.00	5	SLV(E)	4.05	-1.22	0.71	10.05	4.23	1.00	23922.00	246473.00	23922.00	>100
1922	1260.00	5	SLV(E)	-7.15	2.15	0.71	10.05	7.47	1.00	23922.00	244850.00	23922.00	>100
1923	1320.00	5	SLV(E)	-10.92	3.29	0.71	10.05	11.41	1.00	23922.00	243285.00	23922.00	>100
1924	1380.00	5	SLV(E)	-10.40	3.13	0.71	10.05	10.87	1.00	23922.00	241779.00	23922.00	>100
1925	1440.00	5	SLV(E)	-7.98	2.40	0.71	10.05	8.33	1.00	23922.00	240332.00	23922.00	>100
1926	1500.00	5	SLV(E)	-5.17	1.56	0.71	10.05	5.40	1.00	23922.00	238945.00	23922.00	>100
1929	1680.00	5	SLV(E)	-0.11	0.03	0.71	10.05	0.12	1.00	23922.00	235140.00	23922.00	>100
1930	1740.00	5	SLV(E)	0.35	-0.11	0.71	10.05	0.37	1.00	23922.00	233990.00	23922.00	>100
1951	0.00	7	SLV(E)	190.88	50.26	0.71	10.05	197.38	1.00	23922.00	261450.00	23922.00	>100
1952	60.00	7	SLV(E)	-546.23	-143.84	0.71	10.05	564.85	1.00	23922.00	261450.00	23922.00	42.351
1953	120.00	7	SLV(E)	-2151.95	-566.68	0.71	10.05	2225.31	1.00	23922.00	261450.00	23922.00	10.750
1954	180.00	7	SLV(E)	-3664.59	-965.00	0.71	10.05	3789.52	1.00	23922.00	261450.00	23922.00	6.313
1955	240.00	7	SLV(E)	-4583.22	-1206.91	0.71	10.05	4739.47	1.00	23922.00	261450.00	23922.00	5.047
1956	300.00	7	SLV(E)	-4771.18	-1256.41	0.71	10.05	4933.83	1.00	23922.00	261450.00	23922.00	4.849
1957	360.00	7	SLV(E)	-4332.75	-1140.95	0.71	10.05	4480.46	1.00	23922.00	261450.00	23922.00	5.339
1958	420.00	7	SLV(E)	-3490.96	-919.28	0.71	10.05	3609.97	1.00	23922.00	261450.00	23922.00	6.627
1959	480.00	7	SLV(E)	-2488.64	-655.34	0.71	10.05	2573.48	1.00	23922.00	261450.00	23922.00	9.296
1960	540.00	7	SLV(E)	-1540.07	-405.55	0.71	10.05	1592.57	1.00	23922.00	261450.00	23922.00	15.021
1961	600.00	7	SLV(E)	-783.43	-206.30	0.71	10.05	810.14	1.00	23922.00	261450.00	23922.00	29.528
1962	660.00	7	SLV(E)	-257.45	-67.79	0.71	10.05	266.23	1.00	23922.00	261450.00	23922.00	89.856
1963	720.00	7	SLV(E)	58.41	15.38	0.71	10.05	60.40	1.00	23922.00	260563.00	23922.00	>100
1964	780.00	7	SLV(E)	209.85	55.26	0.71	10.05	217.01	1.00	23922.00	258633.00	23922.00	>100
1965	840.00	7	SLV(E)	249.29	65.65	0.71	10.05	257.79	1.00	23922.00	256726.00	23922.00	92.796
1966	900.00	7	SLV(E)	223.98	58.98	0.71	10.05	231.62	1.00	23922.00	254849.00	23922.00	>100
1967	960.00	7	SLV(E)	170.20	44.82	0.71	10.05	176.00	1.00	23922.00	253007.00	23922.00	>100
1968	1020.00	7	SLV(E)	111.93	29.48	0.71	10.05	115.75	1.00	23922.00	251207.00	23922.00	>100
1969	1080.00	7	SLV(E)	62.31	16.41	0.71	10.05	64.43	1.00	23922.00	249452.00	23922.00	>100
1970	1140.00	7	SLV(E)	26.38	6.95	0.71	10.05	27.28	1.00	23922.00	247746.00	23922.00	>100
1971	1200.00	7	SLV(E)	4.09	1.08	0.71	10.05	4.23	1.00	23922.00	246091.00	23922.00	>100
1972	1260.00	7	SLV(E)	-7.23	-1.90	0.71	10.05	7.48	1.00	23922.00	244492.00	23922.00	>100
1973	1320.00	7	SLV(E)	-11.04	-2.91	0.71	10.05	11.41	1.00	23922.00	242948.00	23922.00	>100
1974	1380.00	7	SLV(E)	-10.51	-2.77	0.71	10.05	10.87	1.00	23922.00	241462.00	23922.00	>100
1975	1440.00	7	SLV(E)	-8.06	-2.12	0.71	10.05	8.34	1.00	23922.00	240035.00	23922.00	>100
1976	1500.00	7	SLV(E)	-5.23	-1.38	0.71	10.05	5.40	1.00	23922.00	238667.00	23922.00	>100
1979	1680.00	7	SLV(E)	-0.11	-0.03	0.71	10.05	0.12	1.00	23922.00	234914.00	23922.00	>100
1980	1740.00	7	SLV(E)	0.36	0.09	0.71	10.05	0.37	1.00	23922.00	233779.00	23922.00	>100
2001	0.00	9	SLV(E)	-35.58	-186.27	0.71	10.05	189.63	1.00	23922.00	261450.00	23922.00	>100
2002	60.00	9	SLV(E)	107.37	562.02	0.71	10.05	572.19	1.00	23922.00	261450.00	23922.00	41.808
2003	120.00	9	SLV(E)	418.74	2191.88	0.71	10.05	2231.52	1.00	23922.00	261450.00	23922.00	10.720
2004	180.00	9	SLV(E)	711.96	3726.74	0.71	10.05	3794.14	1.00	23922.00	261450.00	23922.00	6.305
2005	240.00	9	SLV(E)	889.90	4658.14	0.71	10.05	4742.39	1.00	23922.00	261450.00	23922.00	5.044
2006	300.00	9	SLV(E)	926.08	4847.54	0.71	10.05	4935.21	1.00	23922.00	261450.00	23922.00	4.847
2007	360.00	9	SLV(E)	840.78	4401.06	0.71	10.05	4480.65	1.00	23922.00	261450.00	23922.00	5.339
2008	420.00	9	SLV(E)	677.29	3545.28	0.71	10.05	3609.39	1.00	23922.00	261450.00	23922.00	6.628
2009	480.00	9	SLV(E)	482.73	2526.83	0.71	10.05	2572.53	1.00	23922.00	261450.00	23922.00	9.299
2010	540.00	9	SLV(E)	298.65	1563.28	0.71	10.05	1591.55	1.00	23922.00	261450.00	23922.00	15.031
2011	600.00	9	SLV(E)	151.85	794.87	0.71	10.05	809.25	1.00	23922.00	261450.00	23922.00	29.561
2012	660.00	9	SLV(E)	49.83	260.83	0.71	10.05	265.55	1.00	23922.00	259757.00	23922.00	90.086
2013	720.00	9	SLV(E)	-11.42	-59.77	0.71	10.05	60.85	1.00	23922.00	257936.00	23922.00	>100
2014	780.00	9	SLV(E)	-40.77	-213.41	0.71	10.05	217.27	1.00	23922.00	256128.00	23922.00	>100
2015	840.00	9	SLV(E)	-48.40	-253.33	0.71	10.05	257.91	1.00	23922.00	254342.00	23922.00	

2017	960.00	9	SLV(E)	-33.02	-172.85	0.71	10.05	175.98	1.00	23922.00	250859.00	23922.00	>100
2018	1020.00	9	SLV(E)	-21.71	-113.65	0.71	10.05	115.70	1.00	23922.00	249172.00	23922.00	>100
2019	1080.00	9	SLV(E)	-12.08	-63.24	0.71	10.05	64.38	1.00	23922.00	247528.00	23922.00	>100
2020	1140.00	9	SLV(E)	-5.11	-26.76	0.71	10.05	27.24	1.00	23922.00	245928.00	23922.00	>100
2021	1200.00	9	SLV(E)	-0.79	-4.13	0.71	10.05	4.20	1.00	23922.00	244378.00	23922.00	>100
2022	1260.00	9	SLV(E)	1.41	7.36	0.71	10.05	7.49	1.00	23922.00	242878.00	23922.00	>100
2023	1320.00	9	SLV(E)	2.14	11.22	0.71	10.05	11.42	1.00	23922.00	241431.00	23922.00	>100
2024	1380.00	9	SLV(E)	2.04	10.68	0.71	10.05	10.87	1.00	23922.00	240038.00	23922.00	>100
2025	1440.00	9	SLV(E)	1.56	8.19	0.71	10.05	8.33	1.00	23922.00	238700.00	23922.00	>100
2026	1500.00	9	SLV(E)	1.01	5.31	0.71	10.05	5.40	1.00	23922.00	237417.00	23922.00	>100
2029	1680.00	9	SLV(E)	0.02	0.12	0.71	10.05	0.12	1.00	23922.00	233898.00	23922.00	>100
2030	1740.00	9	SLV(E)	-0.07	-0.36	0.71	10.05	0.37	1.00	23922.00	232833.00	23922.00	>100
2051	0.00	11	SLV(E)	67.81	-184.49	0.71	10.05	196.56	1.00	23922.00	261450.00	23922.00	>100
2052	60.00	11	SLV(E)	-195.25	531.18	0.71	10.05	565.93	1.00	23922.00	261450.00	23922.00	42.270
2053	120.00	11	SLV(E)	-768.30	2090.20	0.71	10.05	2226.93	1.00	23922.00	261450.00	23922.00	10.742
2054	180.00	11	SLV(E)	-1308.10	3558.78	0.71	10.05	3791.58	1.00	23922.00	261450.00	23922.00	6.309
2055	240.00	11	SLV(E)	-1635.90	4450.58	0.71	10.05	4741.71	1.00	23922.00	261450.00	23922.00	5.045
2056	300.00	11	SLV(E)	-1702.92	4632.91	0.71	10.05	4935.97	1.00	23922.00	261450.00	23922.00	4.846
2057	360.00	11	SLV(E)	-1546.40	4207.08	0.71	10.05	4482.28	1.00	23922.00	261450.00	23922.00	5.337
2058	420.00	11	SLV(E)	-1245.92	3389.62	0.71	10.05	3611.35	1.00	23922.00	261450.00	23922.00	6.624
2059	480.00	11	SLV(E)	-888.17	2416.34	0.71	10.05	2574.40	1.00	23922.00	261450.00	23922.00	9.292
2060	540.00	11	SLV(E)	-549.62	1495.28	0.71	10.05	1593.09	1.00	23922.00	261450.00	23922.00	15.016
2061	600.00	11	SLV(E)	-279.58	760.61	0.71	10.05	810.36	1.00	23922.00	261450.00	23922.00	29.520
2062	660.00	11	SLV(E)	-91.86	249.91	0.71	10.05	266.25	1.00	23922.00	261450.00	23922.00	89.847
2063	720.00	11	SLV(E)	20.86	-56.76	0.71	10.05	60.48	1.00	23922.00	259732.00	23922.00	>100
2064	780.00	11	SLV(E)	74.91	-203.79	0.71	10.05	217.13	1.00	23922.00	257840.00	23922.00	>100
2065	840.00	11	SLV(E)	88.98	-242.07	0.71	10.05	257.91	1.00	23922.00	255972.00	23922.00	92.754
2066	900.00	11	SLV(E)	79.94	-217.49	0.71	10.05	231.71	1.00	23922.00	254132.00	23922.00	>100
2067	960.00	11	SLV(E)	60.75	-165.26	0.71	10.05	176.07	1.00	23922.00	252328.00	23922.00	>100
2068	1020.00	11	SLV(E)	39.95	-108.68	0.71	10.05	115.79	1.00	23922.00	250563.00	23922.00	>100
2069	1080.00	11	SLV(E)	22.24	-60.49	0.71	10.05	64.45	1.00	23922.00	248843.00	23922.00	>100
2070	1140.00	11	SLV(E)	9.41	-25.61	0.71	10.05	27.28	1.00	23922.00	247171.00	23922.00	>100
2071	1200.00	11	SLV(E)	1.46	-3.97	0.71	10.05	4.23	1.00	23922.00	245549.00	23922.00	>100
2072	1260.00	11	SLV(E)	-2.58	7.02	0.71	10.05	7.48	1.00	23922.00	243981.00	23922.00	>100
2073	1320.00	11	SLV(E)	-3.94	10.72	0.71	10.05	11.42	1.00	23922.00	242468.00	23922.00	>100
2074	1380.00	11	SLV(E)	-3.75	10.21	0.71	10.05	10.87	1.00	23922.00	241012.00	23922.00	>100
2075	1440.00	11	SLV(E)	-2.88	7.83	0.71	10.05	8.34	1.00	23922.00	239613.00	23922.00	>100
2076	1500.00	11	SLV(E)	-1.87	5.07	0.71	10.05	5.41	1.00	23922.00	238271.00	23922.00	>100
2079	1680.00	11	SLV(E)	-0.04	0.11	0.71	10.05	0.12	1.00	23922.00	234593.00	23922.00	>100
2080	1740.00	11	SLV(E)	0.13	-0.34	0.71	10.05	0.37	1.00	23922.00	233480.00	23922.00	>100
2101	0.00	13	SLV(E)	-31.84	171.71	0.71	10.05	174.64	1.00	23922.00	261450.00	23922.00	>100
2102	60.00	13	SLV(E)	106.59	-574.80	0.71	10.05	584.60	1.00	23922.00	261450.00	23922.00	40.920
2103	120.00	13	SLV(E)	408.02	-2200.35	0.71	10.05	2237.86	1.00	23922.00	261450.00	23922.00	10.690
2104	180.00	13	SLV(E)	691.71	-3730.20	0.71	10.05	3793.79	1.00	23922.00	261450.00	23922.00	6.306
2105	240.00	13	SLV(E)	863.61	-4657.19	0.71	10.05	4736.58	1.00	23922.00	261450.00	23922.00	5.050
2106	300.00	13	SLV(E)	898.15	-4843.49	0.71	10.05	4926.06	1.00	23922.00	261450.00	23922.00	4.856
2107	360.00	13	SLV(E)	815.07	-4395.43	0.71	10.05	4470.36	1.00	23922.00	261450.00	23922.00	5.351
2108	420.00	13	SLV(E)	656.33	-3539.39	0.71	10.05	3599.73	1.00	23922.00	261450.00	23922.00	6.646
2109	480.00	13	SLV(E)	467.60	-2521.64	0.71	10.05	2564.63	1.00	23922.00	261450.00	23922.00	9.328
2110	540.00	13	SLV(E)	289.14	-1559.28	0.71	10.05	1585.86	1.00	23922.00	261188.00	23922.00	15.085
2111	600.00	13	SLV(E)	146.89	-792.15	0.71	10.05	805.65	1.00	23922.00	259455.00	23922.00	29.693
2112	660.00	13	SLV(E)	48.07	-259.22	0.71	10.05	263.64	1.00	23922.00	257720.00	23922.00	90.738
2113	720.00	13	SLV(E)	-11.22	60.53	0.71	10.05	61.56	1.00	23922.00	255990.00	23922.00	>100
2114	780.00	13	SLV(E)	-39.61	213.60	0.71	10.05	217.24	1.00	23922.00	254274.00	23922.00	>100
2115	840.00	13	SLV(E)	-46.95	253.20	0.71	10.05	257.51	1.00	23922.00	252577.00	23922.00	92.896
2116	900.00	13	SLV(E)	-42.14	227.26	0.71	10.05	231.13	1.00	23922.00	250907.00	23922.00	>100
2117	960.00	13	SLV(E)	-32.00	172.57	0.71	10.05	175.51	1.00	23922.00	249268.00	23922.00	>100
2118	1020.00	13	SLV(E)	-21.03	113.41	0.71	10.05	115.34	1.00	23922.00	247665.00	23922.00	>100
2119	1080.00	13	SLV(E)	-11.69	63.07	0.71	10.05	64.14	1.00	23922.00	246102.00	23922.00	>100
2120	1140.00	13	SLV(E)	-4.94	26.65	0.71	10.05	27.10	1.00	23922.00	244583.00	23922.00	>100
2121	1200.00	13	SLV(E)	-0.76	4.07	0.71	10.05	4.14	1.00	23922.00	243109.00	23922.00	>100
2122	1260.00	13	SLV(E)	1.37	-7.38	0.71	10.05	7.50	1.00	23922.00	241684.00	23922.00	>100
2123	1320.00	13	SLV(E)	2.08	-11.22	0.71	10.05	11.41	1.00	23922.00	240308.00	23922.00	>100
2124	1380.00	13	SLV(E)	1.98	-10.67	0.71	10.05	10.85	1.00	23922.00	238984.00	23922.00	>100
2125	1440.00	13	SLV(E)	1.52	-8.17	0.71	10.05	8.31	1.00	23922.00	237711.00	23922.00	>100
2126	1500.00	13	SLV(E)	0.98	-5.30	0.71	10.05	5.39	1.00	23922.00	236491.00	23922.00	>100
2129	1680.00	13	SLV(E)	0.02	-0.11	0.71	10.05	0.12	1.00	23922.00	233145.00	23922.00	>100
2130	1740.00	13	SLV(E)	-0.07	0.36	0.71	10.05	0.37	1.00	23922.00	232132.00	23922.00	>100
2151	0.00	15	SLV(E)	71.56	173.49	0.71	10.05	187.66	1.00	23922.00	261450.00	23922.00	>100
2152	60.00	15	SLV(E)	-218.83	-530.55	0.71	10.05	573.91	1.00	23922.00	261450.00	23922.00	41.683
2153	120.00	15	SLV(E)	-851.31	-2063.97	0.71	10.05	2232.64	1.00	23922.00	261450.00	23922.00	10.715
2154	180.00	15	SLV(E)	-1446.87	-3507.89	0.71	10.05	3794.57	1.00	23922.00	261450.00	23922.00	6.304
2155	240.00	15	SLV(E)	-1808.20	-4383.94	0.71	10.05	4742.21	1.00	23922.00	261450.00	23922.00	5.044
2156	300.00	15	SLV(E)	-1881.57	-4561.81	0.71	10.05	4934.61	1.00	23922.00	261450.00	23922.00	4.848
2157	360.00	15	SLV(E)	-1708.17	-4141.40	0.71	10.05	4479.84	1.00	23922.00	261450.00	23922.00	5.340
2158	420.00	15	SLV(E)	-1375.94	-3335.94	0.71	10.05	3608.56	1.00	23922.00	261450.00	23922.00	6.629
2159	480.00	15	SLV(E)	-980.63	-2377.50	0.71	10.05	2571.80	1.00	23922.00	261450.00	23922.00	9.302
2160	540.00	15	SLV(E)	-606.65	-1470.80	0.71	10.05	1591.00	1.00	23922.00	261450.00	23922.00	15.036
2161	600.00	15	SLV(E)	-308.42	-747.76	0.71	10.05	808.87	1.00	23922.00	261422.00	23922.00	29.575
2162	660.00	15	SLV(E)	-101.17	-245.28	0.71	10.05	265.32	1.00	23922.00	259601.00	23922.00	90.161
2163	720.00	15	SLV(E)	23.24	56.35	0.71	10.05	60.95	1.00	23922.00	257786.00	23922.00	>100
2164	780.00	15	SLV(E)	82.85	200.88	0.71	10.05	217.29	1.00	23922.00	255986.00	23922.00	>100
2165	840.00	15	SLV(E)	98.33	238.40								

2167	960.00	15	SLV(E)	67.08	162.65	0.71	10.05	175.94	1.00	23922.00	250737.00	23922.00	>100
2168	1020.00	15	SLV(E)	44.10	106.93	0.71	10.05	115.67	1.00	23922.00	249057.00	23922.00	>100
2169	1080.00	15	SLV(E)	24.54	59.50	0.71	10.05	64.36	1.00	23922.00	247418.00	23922.00	>100
2170	1140.00	15	SLV(E)	10.38	25.17	0.71	10.05	27.23	1.00	23922.00	245825.00	23922.00	>100
2171	1200.00	15	SLV(E)	1.60	3.88	0.71	10.05	4.19	1.00	23922.00	244281.00	23922.00	>100
2172	1260.00	15	SLV(E)	-2.86	-6.93	0.71	10.05	7.49	1.00	23922.00	242787.00	23922.00	>100
2173	1320.00	15	SLV(E)	-4.35	-10.56	0.71	10.05	11.42	1.00	23922.00	241345.00	23922.00	>100
2174	1380.00	15	SLV(E)	-4.14	-10.05	0.71	10.05	10.87	1.00	23922.00	239957.00	23922.00	>100
2175	1440.00	15	SLV(E)	-3.18	-7.70	0.71	10.05	8.33	1.00	23922.00	238624.00	23922.00	>100
2176	1500.00	15	SLV(E)	-2.06	-4.99	0.71	10.05	5.40	1.00	23922.00	237346.00	23922.00	>100
2179	1680.00	15	SLV(E)	-0.04	-0.11	0.71	10.05	0.12	1.00	23922.00	233840.00	23922.00	>100
2180	1740.00	15	SLV(E)	0.14	0.34	0.71	10.05	0.37	1.00	23922.00	232779.00	23922.00	>100
2201	0.00	17	SLU	40.91	3534.16	0.71	10.05	3534.40	1.00	23922.00	255426.00	23922.00	6.768
2202	60.00	17	SLU	24.52	2118.26	0.71	10.05	2118.40	1.00	23922.00	255595.00	23922.00	11.293
2203	120.00	17	SLU	-12.32	-1064.38	0.71	10.05	1064.45	1.00	23922.00	255515.00	23922.00	22.474
2204	180.00	17	SLU	-49.51	-4277.38	0.71	10.05	4277.66	1.00	23922.00	255207.00	23922.00	5.592
2205	240.00	17	SLU	-75.65	-6536.14	0.71	10.05	6536.58	1.00	23922.00	254696.00	23922.00	3.660
2206	300.00	17	SLU	-86.70	-7490.77	0.71	10.05	7491.27	1.00	23922.00	254003.00	23922.00	3.193
2207	360.00	17	SLU	-83.82	-7241.62	0.71	10.05	7242.10	1.00	23922.00	253148.00	23922.00	3.303
2208	420.00	17	SLU	-71.04	-6137.27	0.71	10.05	6137.68	1.00	23922.00	252152.00	23922.00	3.898
2209	480.00	17	SLU	-53.23	-4598.88	0.71	10.05	4599.19	1.00	23922.00	251034.00	23922.00	5.201
2210	540.00	17	SLU	-35.00	-3024.04	0.71	10.05	3024.24	1.00	23922.00	249812.00	23922.00	7.910
2211	600.00	17	SLU	-19.60	-1693.38	0.71	10.05	1693.49	1.00	23922.00	248553.00	23922.00	14.126
2212	660.00	17	SLU	-8.29	-716.47	0.71	10.05	716.52	1.00	23922.00	247291.00	23922.00	33.387
2213	720.00	17	SLU	-1.04	-89.63	0.71	10.05	89.64	1.00	23922.00	246031.00	23922.00	>100
2214	780.00	17	SLU	2.85	246.44	0.71	10.05	246.45	1.00	23922.00	244780.00	23922.00	97.065
2215	840.00	17	SLU	4.31	372.70	0.71	10.05	372.73	1.00	23922.00	243542.00	23922.00	64.181
2216	900.00	17	SLU	4.27	368.49	0.71	10.05	368.51	1.00	23922.00	242322.00	23922.00	64.915
2217	960.00	17	SLU	3.46	298.50	0.71	10.05	298.52	1.00	23922.00	241124.00	23922.00	80.134
2218	1020.00	17	SLU	2.41	208.21	0.71	10.05	208.22	1.00	23922.00	239952.00	23922.00	>100
2219	1080.00	17	SLU	1.44	124.66	0.71	10.05	124.67	1.00	23922.00	238807.00	23922.00	>100
2220	1140.00	17	SLU	0.70	60.33	0.71	10.05	60.33	1.00	23922.00	237694.00	23922.00	>100
2221	1200.00	17	SLU	0.21	17.82	0.71	10.05	17.82	1.00	23922.00	236614.00	23922.00	>100
2222	1260.00	17	SLU	-0.07	-5.78	0.71	10.05	5.78	1.00	23922.00	235568.00	23922.00	>100
2223	1320.00	17	SLU	-0.18	-15.62	0.71	10.05	15.62	1.00	23922.00	234558.00	23922.00	>100
2224	1380.00	17	SLU	-0.20	-16.93	0.71	10.05	16.93	1.00	23922.00	233586.00	23922.00	>100
2225	1440.00	17	SLU	-0.16	-13.98	0.71	10.05	13.98	1.00	23922.00	232651.00	23922.00	>100
2226	1500.00	17	SLU	-0.11	-9.65	0.71	10.05	9.65	1.00	23922.00	231754.00	23922.00	>100
2227	1560.00	17	SLU	-0.06	-5.61	0.71	10.05	5.61	1.00	23922.00	230895.00	23922.00	>100
2229	1680.00	17	SLU	-0.01	-0.65	0.71	10.05	0.65	1.00	23922.00	229291.00	23922.00	>100
2230	1740.00	17	SLU	0.00	0.35	0.71	10.05	0.35	1.00	23922.00	228545.00	23922.00	>100
2231	1800.00	17	SLU	0.01	0.71	0.71	10.05	0.71	1.00	23922.00	227835.00	23922.00	>100
2251	0.00	1	SLV(E)	-153.14	-46.41	0.71	10.05	160.02	1.00	23922.00	261450.00	23922.00	>100
2252	60.00	1	SLV(E)	570.61	172.95	0.71	10.05	596.24	1.00	23922.00	261450.00	23922.00	40.121
2253	120.00	1	SLV(E)	2146.17	650.48	0.71	10.05	2242.58	1.00	23922.00	261450.00	23922.00	10.667
2254	180.00	1	SLV(E)	3628.07	1099.63	0.71	10.05	3791.05	1.00	23922.00	261450.00	23922.00	6.310
2255	240.00	1	SLV(E)	4524.71	1371.39	0.71	10.05	4727.97	1.00	23922.00	261450.00	23922.00	5.060
2256	300.00	1	SLV(E)	4702.83	1425.38	0.71	10.05	4914.09	1.00	23922.00	261450.00	23922.00	4.868
2257	360.00	1	SLV(E)	4265.93	1292.96	0.71	10.05	4457.57	1.00	23922.00	261450.00	23922.00	5.367
2258	420.00	1	SLV(E)	3433.84	1040.76	0.71	10.05	3588.10	1.00	23922.00	261450.00	23922.00	6.667
2259	480.00	1	SLV(E)	2445.50	741.21	0.71	10.05	2555.36	1.00	23922.00	261192.00	23922.00	9.361
2260	540.00	1	SLV(E)	1511.45	458.11	0.71	10.05	1579.35	1.00	23922.00	259572.00	23922.00	15.147
2261	600.00	1	SLV(E)	767.19	232.53	0.71	10.05	801.66	1.00	23922.00	257907.00	23922.00	29.841
2262	660.00	1	SLV(E)	250.38	75.89	0.71	10.05	261.63	1.00	23922.00	256239.00	23922.00	91.435
2263	720.00	1	SLV(E)	-59.53	-18.04	0.71	10.05	62.21	1.00	23922.00	254576.00	23922.00	>100
2264	780.00	1	SLV(E)	-207.75	-62.97	0.71	10.05	217.08	1.00	23922.00	252925.00	23922.00	>100
2265	840.00	1	SLV(E)	-245.92	-74.54	0.71	10.05	256.97	1.00	23922.00	251294.00	23922.00	93.093
2266	900.00	1	SLV(E)	-220.59	-66.86	0.71	10.05	230.50	1.00	23922.00	249688.00	23922.00	>100
2267	960.00	1	SLV(E)	-167.43	-50.74	0.71	10.05	174.95	1.00	23922.00	248111.00	23922.00	>100
2268	1020.00	1	SLV(E)	-109.98	-33.33	0.71	10.05	114.92	1.00	23922.00	246570.00	23922.00	>100
2269	1080.00	1	SLV(E)	-61.12	-18.53	0.71	10.05	63.87	1.00	23922.00	245066.00	23922.00	>100
2270	1140.00	1	SLV(E)	-25.80	-7.82	0.71	10.05	26.96	1.00	23922.00	243604.00	23922.00	>100
2271	1200.00	1	SLV(E)	-3.91	-1.18	0.71	10.05	4.08	1.00	23922.00	242187.00	23922.00	>100
2272	1260.00	1	SLV(E)	7.19	2.18	0.71	10.05	7.51	1.00	23922.00	240815.00	23922.00	>100
2273	1320.00	1	SLV(E)	10.90	3.30	0.71	10.05	11.39	1.00	23922.00	239492.00	23922.00	>100
2274	1380.00	1	SLV(E)	10.36	3.14	0.71	10.05	10.82	1.00	23922.00	238217.00	23922.00	>100
2275	1440.00	1	SLV(E)	7.93	2.40	0.71	10.05	8.29	1.00	23922.00	236993.00	23922.00	>100
2276	1500.00	1	SLV(E)	5.14	1.56	0.71	10.05	5.37	1.00	23922.00	235818.00	23922.00	>100
2279	1680.00	1	SLV(E)	0.11	0.03	0.71	10.05	0.11	1.00	23922.00	232597.00	23922.00	>100
2280	1740.00	1	SLV(E)	-0.35	-0.11	0.71	10.05	0.37	1.00	23922.00	231623.00	23922.00	>100
2301	0.00	3	SLV(E)	-154.92	60.98	0.71	10.05	166.49	1.00	23922.00	261450.00	23922.00	>100
2302	60.00	3	SLV(E)	550.05	-216.50	0.71	10.05	591.12	1.00	23922.00	261450.00	23922.00	40.469
2303	120.00	3	SLV(E)	2084.91	-820.63	0.71	10.05	2240.59	1.00	23922.00	261450.00	23922.00	10.677
2304	180.00	3	SLV(E)	3528.91	-1388.99	0.71	10.05	3792.42	1.00	23922.00	261450.00	23922.00	6.308
2305	240.00	3	SLV(E)	4403.17	-1733.10	0.71	10.05	4731.98	1.00	23922.00	261450.00	23922.00	5.055
2306	300.00	3	SLV(E)	4577.75	-1801.82	0.71	10.05	4919.59	1.00	23922.00	261450.00	23922.00	4.863
2307	360.00	3	SLV(E)	4153.27	-1634.74	0.71	10.05	4463.41	1.00	23922.00	261450.00	23922.00	5.360
2308	420.00	3	SLV(E)	3343.71	-1316.09	0.71	10.05	3593.39	1.00	23922.00	261450.00	23922.00	6.657
2309	480.00	3	SLV(E)	2381.71	-937.45	0.71	10.05	2559.57	1.00	23922.00	261450.00	23922.00	9.346
2310	540.00	3	SLV(E)	1472.35	-579.52	0.71	10.05	1582.29	1.00	23922.00	260239.00	23922.00	15.119
2311	600.00	3	SLV(E)	747.63	-294.27	0.71	10.05	803.46	1.00	23922.00	258546.00	23922.00	29.774
2312	660.00	3	SLV(E)	244.29	-96.15	0.71	10.05	262.53	1.00	23922.00	256850.00	23922.00	91.122
2313	720.00	3	SLV(E)	-57.62	22.68	0.71	10.05	61.92	1.00	23922.00	255159.00	23922	

2315	840.00	3	SLV(E)	-239.35	94.21	0.71	10.05	257.22	1.00	23922.00	251823.00	23922.00	93.002
2316	900.00	3	SLV(E)	-214.75	84.53	0.71	10.05	230.79	1.00	23922.00	250191.00	23922.00	>100
2317	960.00	3	SLV(E)	-163.03	64.17	0.71	10.05	175.20	1.00	23922.00	248589.00	23922.00	>100
2318	1020.00	3	SLV(E)	-107.11	42.16	0.71	10.05	115.11	1.00	23922.00	247022.00	23922.00	>100
2319	1080.00	3	SLV(E)	-59.55	23.44	0.71	10.05	63.99	1.00	23922.00	245494.00	23922.00	>100
2320	1140.00	3	SLV(E)	-25.14	9.90	0.71	10.05	27.02	1.00	23922.00	244008.00	23922.00	>100
2321	1200.00	3	SLV(E)	-3.82	1.50	0.71	10.05	4.11	1.00	23922.00	242567.00	23922.00	>100
2322	1260.00	3	SLV(E)	6.99	-2.75	0.71	10.05	7.51	1.00	23922.00	241173.00	23922.00	>100
2323	1320.00	3	SLV(E)	10.60	-4.17	0.71	10.05	11.40	1.00	23922.00	239828.00	23922.00	>100
2324	1380.00	3	SLV(E)	10.08	-3.97	0.71	10.05	10.83	1.00	23922.00	238533.00	23922.00	>100
2325	1440.00	3	SLV(E)	7.72	-3.04	0.71	10.05	8.30	1.00	23922.00	237289.00	23922.00	>100
2326	1500.00	3	SLV(E)	5.00	-1.97	0.71	10.05	5.37	1.00	23922.00	236096.00	23922.00	>100
2329	1680.00	3	SLV(E)	0.11	-0.04	0.71	10.05	0.11	1.00	23922.00	232823.00	23922.00	>100
2330	1740.00	3	SLV(E)	-0.34	0.13	0.71	10.05	0.37	1.00	23922.00	231833.00	23922.00	>100
2351	0.00	5	SLV(E)	191.53	-50.17	0.71	10.05	197.99	1.00	23922.00	261450.00	23922.00	>100
2352	60.00	5	SLV(E)	-545.89	142.99	0.71	10.05	564.31	1.00	23922.00	261450.00	23922.00	42.392
2353	120.00	5	SLV(E)	-2152.32	563.79	0.71	10.05	2224.93	1.00	23922.00	261450.00	23922.00	10.752
2354	180.00	5	SLV(E)	-3665.65	960.20	0.71	10.05	3789.32	1.00	23922.00	261450.00	23922.00	6.313
2355	240.00	5	SLV(E)	-4584.77	1200.95	0.71	10.05	4739.45	1.00	23922.00	261450.00	23922.00	5.047
2356	300.00	5	SLV(E)	-4772.91	1250.24	0.71	10.05	4933.94	1.00	23922.00	261450.00	23922.00	4.848
2357	360.00	5	SLV(E)	-4334.41	1135.37	0.71	10.05	4480.64	1.00	23922.00	261450.00	23922.00	5.339
2358	420.00	5	SLV(E)	-3492.34	914.80	0.71	10.05	3610.17	1.00	23922.00	261450.00	23922.00	6.626
2359	480.00	5	SLV(E)	-2489.67	652.15	0.71	10.05	2573.66	1.00	23922.00	261450.00	23922.00	9.295
2360	540.00	5	SLV(E)	-1540.74	403.59	0.71	10.05	1592.72	1.00	23922.00	261450.00	23922.00	15.020
2361	600.00	5	SLV(E)	-783.80	205.31	0.71	10.05	810.24	1.00	23922.00	261450.00	23922.00	29.524
2362	660.00	5	SLV(E)	-257.60	67.48	0.71	10.05	266.29	1.00	23922.00	261450.00	23922.00	89.835
2363	720.00	5	SLV(E)	58.40	-15.30	0.71	10.05	60.37	1.00	23922.00	260563.00	23922.00	>100
2364	780.00	5	SLV(E)	209.91	-54.99	0.71	10.05	217.00	1.00	23922.00	258633.00	23922.00	>100
2365	840.00	5	SLV(E)	249.38	-65.32	0.71	10.05	257.79	1.00	23922.00	256726.00	23922.00	92.796
2366	900.00	5	SLV(E)	224.06	-58.69	0.71	10.05	231.63	1.00	23922.00	254849.00	23922.00	>100
2367	960.00	5	SLV(E)	170.27	-44.60	0.71	10.05	176.01	1.00	23922.00	253007.00	23922.00	>100
2368	1020.00	5	SLV(E)	111.98	-29.33	0.71	10.05	115.76	1.00	23922.00	251207.00	23922.00	>100
2369	1080.00	5	SLV(E)	62.33	-16.33	0.71	10.05	64.44	1.00	23922.00	249452.00	23922.00	>100
2370	1140.00	5	SLV(E)	26.39	-6.91	0.71	10.05	27.28	1.00	23922.00	247746.00	23922.00	>100
2371	1200.00	5	SLV(E)	4.09	-1.07	0.71	10.05	4.23	1.00	23922.00	246091.00	23922.00	>100
2372	1260.00	5	SLV(E)	-7.23	1.89	0.71	10.05	7.48	1.00	23922.00	244492.00	23922.00	>100
2373	1320.00	5	SLV(E)	-11.04	2.89	0.71	10.05	11.41	1.00	23922.00	242948.00	23922.00	>100
2374	1380.00	5	SLV(E)	-10.52	2.75	0.71	10.05	10.87	1.00	23922.00	241462.00	23922.00	>100
2375	1440.00	5	SLV(E)	-8.06	2.11	0.71	10.05	8.34	1.00	23922.00	240035.00	23922.00	>100
2376	1500.00	5	SLV(E)	-5.23	1.37	0.71	10.05	5.40	1.00	23922.00	238667.00	23922.00	>100
2379	1680.00	5	SLV(E)	-0.11	0.03	0.71	10.05	0.12	1.00	23922.00	234914.00	23922.00	>100
2380	1740.00	5	SLV(E)	0.36	-0.09	0.71	10.05	0.37	1.00	23922.00	233779.00	23922.00	>100
2401	0.00	7	SLV(E)	189.75	57.22	0.71	10.05	198.19	1.00	23922.00	261450.00	23922.00	>100
2402	60.00	7	SLV(E)	-539.76	-162.77	0.71	10.05	563.77	1.00	23922.00	261450.00	23922.00	42.432
2403	120.00	7	SLV(E)	-2128.97	-642.00	0.71	10.05	2223.66	1.00	23922.00	261450.00	23922.00	10.758
2404	180.00	7	SLV(E)	-3626.10	-1093.46	0.71	10.05	3787.39	1.00	23922.00	261450.00	23922.00	6.316
2405	240.00	7	SLV(E)	-4535.41	-1367.67	0.71	10.05	4737.13	1.00	23922.00	261450.00	23922.00	5.050
2406	300.00	7	SLV(E)	-4721.58	-1423.81	0.71	10.05	4931.59	1.00	23922.00	261450.00	23922.00	4.851
2407	360.00	7	SLV(E)	-4287.83	-1293.01	0.71	10.05	4478.55	1.00	23922.00	261450.00	23922.00	5.341
2408	420.00	7	SLV(E)	-3454.84	-1041.82	0.71	10.05	3608.51	1.00	23922.00	261450.00	23922.00	6.629
2409	480.00	7	SLV(E)	-2462.95	-742.71	0.71	10.05	2572.50	1.00	23922.00	261450.00	23922.00	9.299
2410	540.00	7	SLV(E)	-1524.22	-459.63	0.71	10.05	1592.02	1.00	23922.00	261450.00	23922.00	15.026
2411	600.00	7	SLV(E)	-775.41	-233.83	0.71	10.05	809.90	1.00	23922.00	261450.00	23922.00	29.537
2412	660.00	7	SLV(E)	-254.85	-76.85	0.71	10.05	266.19	1.00	23922.00	261450.00	23922.00	89.868
2413	720.00	7	SLV(E)	57.75	17.42	0.71	10.05	60.32	1.00	23922.00	261147.00	23922.00	>100
2414	780.00	7	SLV(E)	207.65	62.62	0.71	10.05	216.89	1.00	23922.00	259190.00	23922.00	>100
2415	840.00	7	SLV(E)	246.69	74.39	0.71	10.05	257.67	1.00	23922.00	257256.00	23922.00	92.841
2416	900.00	7	SLV(E)	221.66	66.84	0.71	10.05	231.52	1.00	23922.00	255352.00	23922.00	>100
2417	960.00	7	SLV(E)	168.44	50.79	0.71	10.05	175.93	1.00	23922.00	253485.00	23922.00	>100
2418	1020.00	7	SLV(E)	110.78	33.41	0.71	10.05	115.70	1.00	23922.00	251660.00	23922.00	>100
2419	1080.00	7	SLV(E)	61.66	18.60	0.71	10.05	64.41	1.00	23922.00	249880.00	23922.00	>100
2420	1140.00	7	SLV(E)	26.11	7.87	0.71	10.05	27.27	1.00	23922.00	248150.00	23922.00	>100
2421	1200.00	7	SLV(E)	4.05	1.22	0.71	10.05	4.23	1.00	23922.00	246473.00	23922.00	>100
2422	1260.00	7	SLV(E)	-7.15	-2.16	0.71	10.05	7.47	1.00	23922.00	244850.00	23922.00	>100
2423	1320.00	7	SLV(E)	-10.92	-3.29	0.71	10.05	11.41	1.00	23922.00	243285.00	23922.00	>100
2424	1380.00	7	SLV(E)	-10.40	-3.14	0.71	10.05	10.87	1.00	23922.00	241779.00	23922.00	>100
2425	1440.00	7	SLV(E)	-7.98	-2.41	0.71	10.05	8.33	1.00	23922.00	240332.00	23922.00	>100
2426	1500.00	7	SLV(E)	-5.17	-1.56	0.71	10.05	5.40	1.00	23922.00	238945.00	23922.00	>100
2429	1680.00	7	SLV(E)	-0.11	-0.03	0.71	10.05	0.12	1.00	23922.00	235140.00	23922.00	>100
2430	1740.00	7	SLV(E)	0.35	0.11	0.71	10.05	0.37	1.00	23922.00	233990.00	23922.00	>100
2451	0.00	9	SLV(E)	-30.43	-173.02	0.71	10.05	175.68	1.00	23922.00	261450.00	23922.00	>100
2452	60.00	9	SLV(E)	101.11	574.86	0.71	10.05	583.68	1.00	23922.00	261450.00	23922.00	40.985
2453	120.00	9	SLV(E)	387.53	2203.40	0.71	10.05	2237.22	1.00	23922.00	261450.00	23922.00	10.693
2454	180.00	9	SLV(E)	657.11	3736.13	0.71	10.05	3793.48	1.00	23922.00	261450.00	23922.00	6.306
2455	240.00	9	SLV(E)	820.47	4664.97	0.71	10.05	4736.57	1.00	23922.00	261450.00	23922.00	5.051
2456	300.00	9	SLV(E)	853.33	4851.80	0.71	10.05	4926.27	1.00	23922.00	261450.00	23922.00	4.856
2457	360.00	9	SLV(E)	774.42	4403.10	0.71	10.05	4470.69	1.00	23922.00	261450.00	23922.00	5.351
2458	420.00	9	SLV(E)	623.61	3545.67	0.71	10.05	3600.09	1.00	23922.00	261450.00	23922.00	6.645
2459	480.00	9	SLV(E)	444.31	2526.18	0.71	10.05	2564.96	1.00	23922.00	261450.00	23922.00	9.326
2460	540.00	9	SLV(E)	274.75	1562.14	0.71	10.05	1586.12	1.00	23922.00	261188.00	23922.00	15.082
2461	600.00	9	SLV(E)	139.59	793.65	0.71	10.05	805.83	1.00	23922.00	259455.00	23922.00	29.686
2462	660.00	9	SLV(E)	45.69	259.76	0.71	10.05	263.75	1.00	23922.00	257720.00	23922.00	90.700
2463	720.00	9	SLV(E)	-10.65	-60.58	0.71	10.05	61.51	1.00	23922.00	255990.00	23922.0	

2465	840.00	9	SLV(E)	-44.61	-253.63	0.71	10.05	257.52	1.00	23922.00	252577.00	23922.00	92.894
2466	900.00	9	SLV(E)	-40.04	-227.66	0.71	10.05	231.15	1.00	23922.00	250907.00	23922.00	>100
2467	960.00	9	SLV(E)	-30.41	-172.87	0.71	10.05	175.53	1.00	23922.00	249268.00	23922.00	>100
2468	1020.00	9	SLV(E)	-19.98	-113.61	0.71	10.05	115.36	1.00	23922.00	247665.00	23922.00	>100
2469	1080.00	9	SLV(E)	-11.11	-63.18	0.71	10.05	64.15	1.00	23922.00	246103.00	23922.00	>100
2470	1140.00	9	SLV(E)	-4.70	-26.70	0.71	10.05	27.11	1.00	23922.00	244583.00	23922.00	>100
2471	1200.00	9	SLV(E)	-0.72	-4.08	0.71	10.05	4.15	1.00	23922.00	243109.00	23922.00	>100
2472	1260.00	9	SLV(E)	1.30	7.39	0.71	10.05	7.50	1.00	23922.00	241684.00	23922.00	>100
2473	1320.00	9	SLV(E)	1.98	11.23	0.71	10.05	11.41	1.00	23922.00	240308.00	23922.00	>100
2474	1380.00	9	SLV(E)	1.88	10.69	0.71	10.05	10.85	1.00	23922.00	238984.00	23922.00	>100
2475	1440.00	9	SLV(E)	1.44	8.19	0.71	10.05	8.31	1.00	23922.00	237711.00	23922.00	>100
2476	1500.00	9	SLV(E)	0.93	5.30	0.71	10.05	5.39	1.00	23922.00	236491.00	23922.00	>100
2479	1680.00	9	SLV(E)	0.02	0.11	0.71	10.05	0.12	1.00	23922.00	233145.00	23922.00	>100
2480	1740.00	9	SLV(E)	-0.06	-0.36	0.71	10.05	0.37	1.00	23922.00	232132.00	23922.00	>100
2501	0.00	11	SLV(E)	72.97	-174.15	0.71	10.05	188.82	1.00	23922.00	261450.00	23922.00	>100
2502	60.00	11	SLV(E)	-221.40	528.37	0.71	10.05	572.88	1.00	23922.00	261450.00	23922.00	41.757
2503	120.00	11	SLV(E)	-862.56	2058.51	0.71	10.05	2231.92	1.00	23922.00	261450.00	23922.00	10.718
2504	180.00	11	SLV(E)	-1466.33	3499.42	0.71	10.05	3794.21	1.00	23922.00	261450.00	23922.00	6.305
2505	240.00	11	SLV(E)	-1832.68	4373.74	0.71	10.05	4742.18	1.00	23922.00	261450.00	23922.00	5.045
2506	300.00	11	SLV(E)	-1907.13	4551.41	0.71	10.05	4934.83	1.00	23922.00	261450.00	23922.00	4.848
2507	360.00	11	SLV(E)	-1731.43	4132.11	0.71	10.05	4480.20	1.00	23922.00	261450.00	23922.00	5.340
2508	420.00	11	SLV(E)	-1394.73	3328.55	0.71	10.05	3608.95	1.00	23922.00	261450.00	23922.00	6.629
2509	480.00	11	SLV(E)	-994.05	2372.31	0.71	10.05	2572.16	1.00	23922.00	261450.00	23922.00	9.300
2510	540.00	11	SLV(E)	-614.97	1467.64	0.71	10.05	1591.28	1.00	23922.00	261450.00	23922.00	15.033
2511	600.00	11	SLV(E)	-312.68	746.21	0.71	10.05	809.07	1.00	23922.00	261422.00	23922.00	29.567
2512	660.00	11	SLV(E)	-102.59	244.82	0.71	10.05	265.45	1.00	23922.00	259601.00	23922.00	90.120
2513	720.00	11	SLV(E)	23.53	-56.16	0.71	10.05	60.89	1.00	23922.00	257786.00	23922.00	>100
2514	780.00	11	SLV(E)	83.97	-200.39	0.71	10.05	217.27	1.00	23922.00	255986.00	23922.00	>100
2515	840.00	11	SLV(E)	99.67	-237.85	0.71	10.05	257.89	1.00	23922.00	254207.00	23922.00	92.760
2516	900.00	11	SLV(E)	89.51	-213.62	0.71	10.05	231.62	1.00	23922.00	252455.00	23922.00	>100
2517	960.00	11	SLV(E)	68.00	-162.28	0.71	10.05	175.96	1.00	23922.00	250737.00	23922.00	>100
2518	1020.00	11	SLV(E)	44.71	-106.70	0.71	10.05	115.68	1.00	23922.00	249057.00	23922.00	>100
2519	1080.00	11	SLV(E)	24.88	-59.37	0.71	10.05	64.37	1.00	23922.00	247418.00	23922.00	>100
2520	1140.00	11	SLV(E)	10.52	-25.12	0.71	10.05	27.23	1.00	23922.00	245825.00	23922.00	>100
2521	1200.00	11	SLV(E)	1.62	-3.87	0.71	10.05	4.20	1.00	23922.00	244281.00	23922.00	>100
2522	1260.00	11	SLV(E)	-2.90	6.91	0.71	10.05	7.49	1.00	23922.00	242787.00	23922.00	>100
2523	1320.00	11	SLV(E)	-4.41	10.53	0.71	10.05	11.42	1.00	23922.00	241345.00	23922.00	>100
2524	1380.00	11	SLV(E)	-4.20	10.03	0.71	10.05	10.87	1.00	23922.00	239957.00	23922.00	>100
2525	1440.00	11	SLV(E)	-3.22	7.69	0.71	10.05	8.33	1.00	23922.00	238624.00	23922.00	>100
2526	1500.00	11	SLV(E)	-2.09	4.98	0.71	10.05	5.40	1.00	23922.00	237346.00	23922.00	>100
2529	1680.00	11	SLV(E)	-0.05	0.11	0.71	10.05	0.12	1.00	23922.00	233840.00	23922.00	>100
2530	1740.00	11	SLV(E)	0.14	-0.34	0.71	10.05	0.37	1.00	23922.00	232779.00	23922.00	>100
2551	0.00	13	SLV(E)	-36.36	184.95	0.71	10.05	188.49	1.00	23922.00	261450.00	23922.00	>100
2552	60.00	13	SLV(E)	110.56	-562.44	0.71	10.05	573.21	1.00	23922.00	261450.00	23922.00	41.734
2553	120.00	13	SLV(E)	430.57	-2190.32	0.71	10.05	2232.24	1.00	23922.00	261450.00	23922.00	10.717
2554	180.00	13	SLV(E)	731.90	-3723.23	0.71	10.05	3794.49	1.00	23922.00	261450.00	23922.00	6.304
2555	240.00	13	SLV(E)	914.74	-4653.35	0.71	10.05	4742.41	1.00	23922.00	261450.00	23922.00	5.044
2556	300.00	13	SLV(E)	951.89	-4842.32	0.71	10.05	4934.99	1.00	23922.00	261450.00	23922.00	4.847
2557	360.00	13	SLV(E)	864.18	-4396.17	0.71	10.05	4480.30	1.00	23922.00	261450.00	23922.00	5.339
2558	420.00	13	SLV(E)	696.12	-3541.23	0.71	10.05	3609.00	1.00	23922.00	261450.00	23922.00	6.628
2559	480.00	13	SLV(E)	496.13	-2523.87	0.71	10.05	2572.17	1.00	23922.00	261450.00	23922.00	9.300
2560	540.00	13	SLV(E)	306.93	-1561.39	0.71	10.05	1591.27	1.00	23922.00	261450.00	23922.00	15.033
2561	600.00	13	SLV(E)	156.05	-793.86	0.71	10.05	809.05	1.00	23922.00	261450.00	23922.00	29.568
2562	660.00	13	SLV(E)	51.20	-260.44	0.71	10.05	265.42	1.00	23922.00	259757.00	23922.00	90.127
2563	720.00	13	SLV(E)	-11.75	59.77	0.71	10.05	60.91	1.00	23922.00	257936.00	23922.00	>100
2564	780.00	13	SLV(E)	-41.91	213.21	0.71	10.05	217.29	1.00	23922.00	256128.00	23922.00	>100
2565	840.00	13	SLV(E)	-49.75	253.06	0.71	10.05	257.90	1.00	23922.00	254342.00	23922.00	92.756
2566	900.00	13	SLV(E)	-44.68	227.28	0.71	10.05	231.62	1.00	23922.00	252584.00	23922.00	>100
2567	960.00	13	SLV(E)	-33.94	172.66	0.71	10.05	175.96	1.00	23922.00	250859.00	23922.00	>100
2568	1020.00	13	SLV(E)	-22.31	113.51	0.71	10.05	115.69	1.00	23922.00	249172.00	23922.00	>100
2569	1080.00	13	SLV(E)	-12.42	63.16	0.71	10.05	64.37	1.00	23922.00	247527.00	23922.00	>100
2570	1140.00	13	SLV(E)	-5.25	26.72	0.71	10.05	27.23	1.00	23922.00	245928.00	23922.00	>100
2571	1200.00	13	SLV(E)	-0.81	4.12	0.71	10.05	4.20	1.00	23922.00	244378.00	23922.00	>100
2572	1260.00	13	SLV(E)	1.45	-7.35	0.71	10.05	7.49	1.00	23922.00	242878.00	23922.00	>100
2573	1320.00	13	SLV(E)	2.20	-11.21	0.71	10.05	11.42	1.00	23922.00	241431.00	23922.00	>100
2574	1380.00	13	SLV(E)	2.10	-10.67	0.71	10.05	10.87	1.00	23922.00	240038.00	23922.00	>100
2575	1440.00	13	SLV(E)	1.61	-8.18	0.71	10.05	8.33	1.00	23922.00	238700.00	23922.00	>100
2576	1500.00	13	SLV(E)	1.04	-5.30	0.71	10.05	5.40	1.00	23922.00	237417.00	23922.00	>100
2579	1680.00	13	SLV(E)	0.02	-0.12	0.71	10.05	0.12	1.00	23922.00	233898.00	23922.00	>100
2580	1740.00	13	SLV(E)	-0.07	0.36	0.71	10.05	0.37	1.00	23922.00	232833.00	23922.00	>100
2601	0.00	15	SLV(E)	67.04	183.82	0.71	10.05	195.67	1.00	23922.00	261450.00	23922.00	>100
2602	60.00	15	SLV(E)	-194.18	-532.42	0.71	10.05	566.73	1.00	23922.00	261450.00	23922.00	42.211
2603	120.00	15	SLV(E)	-763.23	-2092.65	0.71	10.05	2227.49	1.00	23922.00	261450.00	23922.00	10.739
2604	180.00	15	SLV(E)	-1299.24	-3562.32	0.71	10.05	3791.85	1.00	23922.00	261450.00	23922.00	6.309
2605	240.00	15	SLV(E)	-1624.71	-4454.70	0.71	10.05	4741.73	1.00	23922.00	261450.00	23922.00	5.045
2606	300.00	15	SLV(E)	-1691.20	-4637.03	0.71	10.05	4935.81	1.00	23922.00	261450.00	23922.00	4.847
2607	360.00	15	SLV(E)	-1535.71	-4210.70	0.71	10.05	4482.01	1.00	23922.00	261450.00	23922.00	5.337
2608	420.00	15	SLV(E)	-1237.29	-3392.46	0.71	10.05	3611.05	1.00	23922.00	261450.00	23922.00	6.625
2609	480.00	15	SLV(E)	-882.00	-2418.31	0.71	10.05	2574.13	1.00	23922.00	261450.00	23922.00	9.293
2610	540.00	15	SLV(E)	-545.78	-1496.45	0.71	10.05	1592.87	1.00	23922.00	261450.00	23922.00	15.018
2611	600.00	15	SLV(E)	-277.61	-761.16	0.71	10.05	810.21	1.00	23922.00	261450.00	23922.00	29.526
2612	660.00	15	SLV(E)	-91.20	-250.05	0.71	10.05	266.16	1.00	23922.00	261450.00	23922.00	89.879
2613	720.00	15	SLV(E)	20.74	56.86								

2615	840.00	15	SLV(E)	88.37	242.29	0.71	10.05	257.90	1.00	23922.00	255972.00	23922.00	92.756
2616	900.00	15	SLV(E)	79.39	217.67	0.71	10.05	231.70	1.00	23922.00	254132.00	23922.00	>100
2617	960.00	15	SLV(E)	60.32	165.40	0.71	10.05	176.06	1.00	23922.00	252328.00	23922.00	>100
2618	1020.00	15	SLV(E)	39.67	108.77	0.71	10.05	115.78	1.00	23922.00	250563.00	23922.00	>100
2619	1080.00	15	SLV(E)	22.08	60.54	0.71	10.05	64.44	1.00	23922.00	248843.00	23922.00	>100
2620	1140.00	15	SLV(E)	9.35	25.63	0.71	10.05	27.28	1.00	23922.00	247171.00	23922.00	>100
2621	1200.00	15	SLV(E)	1.45	3.97	0.71	10.05	4.22	1.00	23922.00	245549.00	23922.00	>100
2622	1260.00	15	SLV(E)	-2.56	-7.03	0.71	10.05	7.48	1.00	23922.00	243981.00	23922.00	>100
2623	1320.00	15	SLV(E)	-3.91	-10.73	0.71	10.05	11.42	1.00	23922.00	242468.00	23922.00	>100
2624	1380.00	15	SLV(E)	-3.73	-10.22	0.71	10.05	10.87	1.00	23922.00	241012.00	23922.00	>100
2625	1440.00	15	SLV(E)	-2.86	-7.83	0.71	10.05	8.34	1.00	23922.00	239613.00	23922.00	>100
2626	1500.00	15	SLV(E)	-1.85	-5.08	0.71	10.05	5.41	1.00	23922.00	238271.00	23922.00	>100
2629	1680.00	15	SLV(E)	-0.04	-0.11	0.71	10.05	0.12	1.00	23922.00	234593.00	23922.00	>100
2630	1740.00	15	SLV(E)	0.13	0.35	0.71	10.05	0.37	1.00	23922.00	233480.00	23922.00	>100
2651	0.00	17	SLU	-1110.56	3563.92	0.71	10.05	3732.94	1.00	23922.00	261450.00	23922.00	6.408
2652	60.00	17	SLU	-670.28	2150.99	0.71	10.05	2253.01	1.00	23922.00	261450.00	23922.00	10.618
2653	120.00	17	SLU	319.75	-1026.10	0.71	10.05	1074.77	1.00	23922.00	261450.00	23922.00	22.258
2654	180.00	17	SLU	1319.98	-4235.95	0.71	10.05	4436.85	1.00	23922.00	261450.00	23922.00	5.392
2655	240.00	17	SLU	2024.17	-6495.77	0.71	10.05	6803.84	1.00	23922.00	261450.00	23922.00	3.516
2656	300.00	17	SLU	2323.19	-7455.35	0.71	10.05	7808.94	1.00	23922.00	261450.00	23922.00	3.063
2657	360.00	17	SLU	2247.88	-7213.69	0.71	10.05	7555.81	1.00	23922.00	261450.00	23922.00	3.166
2658	420.00	17	SLU	1906.35	-6117.68	0.71	10.05	6407.82	1.00	23922.00	261450.00	23922.00	3.733
2659	480.00	17	SLU	1429.39	-4587.07	0.71	10.05	4804.62	1.00	23922.00	261450.00	23922.00	4.979
2660	540.00	17	SLU	940.59	-3018.45	0.71	10.05	3161.60	1.00	23922.00	261450.00	23922.00	7.566
2661	600.00	17	SLU	527.26	-1692.03	0.71	10.05	1772.27	1.00	23922.00	261450.00	23922.00	13.498
2662	660.00	17	SLU	223.60	-717.57	0.71	10.05	751.60	1.00	23922.00	261450.00	23922.00	31.828
2663	720.00	17	SLU	28.61	-91.81	0.71	10.05	96.17	1.00	23922.00	261450.00	23922.00	>100
2664	780.00	17	SLU	-76.06	244.08	0.71	10.05	255.66	1.00	23922.00	261450.00	23922.00	93.572
2665	840.00	17	SLU	-115.51	370.67	0.71	10.05	388.25	1.00	23922.00	261450.00	23922.00	61.614
2666	900.00	17	SLU	-114.36	366.99	0.71	10.05	384.39	1.00	23922.00	260591.00	23922.00	62.233
2667	960.00	17	SLU	-92.72	297.54	0.71	10.05	311.65	1.00	23922.00	258455.00	23922.00	76.758
2668	1020.00	17	SLU	-64.72	207.69	0.71	10.05	217.54	1.00	23922.00	256367.00	23922.00	>100
2669	1080.00	17	SLU	-38.78	124.46	0.71	10.05	130.36	1.00	23922.00	254331.00	23922.00	>100
2670	1140.00	17	SLU	-18.79	60.31	0.71	10.05	63.17	1.00	23922.00	252353.00	23922.00	>100
2671	1200.00	17	SLU	-5.58	17.90	0.71	10.05	18.75	1.00	23922.00	250436.00	23922.00	>100
2672	1260.00	17	SLU	1.77	-5.67	0.71	10.05	5.94	1.00	23922.00	248582.00	23922.00	>100
2673	1320.00	17	SLU	4.84	-15.52	0.71	10.05	16.25	1.00	23922.00	246793.00	23922.00	>100
2674	1380.00	17	SLU	5.25	-16.86	0.71	10.05	17.66	1.00	23922.00	245072.00	23922.00	>100
2675	1440.00	17	SLU	4.34	-13.93	0.71	10.05	14.59	1.00	23922.00	243419.00	23922.00	>100
2676	1500.00	17	SLU	3.00	-9.63	0.71	10.05	10.08	1.00	23922.00	241834.00	23922.00	>100
2677	1560.00	17	SLU	1.75	-5.60	0.71	10.05	5.87	1.00	23922.00	240318.00	23922.00	>100
2679	1680.00	17	SLU	0.20	-0.65	0.71	10.05	0.68	1.00	23922.00	237490.00	23922.00	>100
2680	1740.00	17	SLU	-0.11	0.34	0.71	10.05	0.36	1.00	23922.00	236177.00	23922.00	>100
2681	1800.00	17	SLU	-0.22	0.70	0.71	10.05	0.74	1.00	23922.00	234928.00	23922.00	>100
2701	0.00	1	SLV(E)	-163.96	-33.82	0.71	10.05	167.41	1.00	23922.00	261450.00	23922.00	>100
2702	60.00	1	SLV(E)	578.21	119.25	0.71	10.05	590.38	1.00	23922.00	261450.00	23922.00	40.520
2703	120.00	1	SLV(E)	2194.11	452.53	0.71	10.05	2240.29	1.00	23922.00	261450.00	23922.00	10.678
2704	180.00	1	SLV(E)	3714.42	766.09	0.71	10.05	3792.60	1.00	23922.00	261450.00	23922.00	6.308
2705	240.00	1	SLV(E)	4634.97	955.95	0.71	10.05	4732.53	1.00	23922.00	261450.00	23922.00	5.055
2706	300.00	1	SLV(E)	4818.93	993.89	0.71	10.05	4920.36	1.00	23922.00	261450.00	23922.00	4.862
2707	360.00	1	SLV(E)	4372.20	901.75	0.71	10.05	4464.23	1.00	23922.00	261450.00	23922.00	5.359
2708	420.00	1	SLV(E)	3520.05	726.00	0.71	10.05	3594.13	1.00	23922.00	261450.00	23922.00	6.656
2709	480.00	1	SLV(E)	2507.38	517.14	0.71	10.05	2560.15	1.00	23922.00	261450.00	23922.00	9.344
2710	540.00	1	SLV(E)	1550.08	319.70	0.71	10.05	1582.71	1.00	23922.00	260339.00	23922.00	15.115
2711	600.00	1	SLV(E)	787.14	162.34	0.71	10.05	803.71	1.00	23922.00	258642.00	23922.00	29.765
2712	660.00	1	SLV(E)	257.24	53.06	0.71	10.05	262.66	1.00	23922.00	256942.00	23922.00	91.077
2713	720.00	1	SLV(E)	-60.61	-12.50	0.71	10.05	61.88	1.00	23922.00	255247.00	23922.00	>100
2714	780.00	1	SLV(E)	-212.69	-43.87	0.71	10.05	217.17	1.00	23922.00	253565.00	23922.00	>100
2715	840.00	1	SLV(E)	-251.95	-51.96	0.71	10.05	257.26	1.00	23922.00	251903.00	23922.00	92.989
2716	900.00	1	SLV(E)	-226.07	-46.63	0.71	10.05	230.83	1.00	23922.00	250266.00	23922.00	>100
2717	960.00	1	SLV(E)	-171.63	-35.40	0.71	10.05	175.24	1.00	23922.00	248660.00	23922.00	>100
2718	1020.00	1	SLV(E)	-112.76	-23.26	0.71	10.05	115.14	1.00	23922.00	247090.00	23922.00	>100
2719	1080.00	1	SLV(E)	-62.69	-12.93	0.71	10.05	64.01	1.00	23922.00	245558.00	23922.00	>100
2720	1140.00	1	SLV(E)	-26.47	-5.46	0.71	10.05	27.03	1.00	23922.00	244069.00	23922.00	>100
2721	1200.00	1	SLV(E)	-4.03	-0.83	0.71	10.05	4.11	1.00	23922.00	242624.00	23922.00	>100
2722	1260.00	1	SLV(E)	7.35	1.52	0.71	10.05	7.51	1.00	23922.00	241227.00	23922.00	>100
2723	1320.00	1	SLV(E)	11.16	2.30	0.71	10.05	11.40	1.00	23922.00	239879.00	23922.00	>100
2724	1380.00	1	SLV(E)	10.61	2.19	0.71	10.05	10.84	1.00	23922.00	238581.00	23922.00	>100
2725	1440.00	1	SLV(E)	8.13	1.68	0.71	10.05	8.30	1.00	23922.00	237334.00	23922.00	>100
2726	1500.00	1	SLV(E)	5.27	1.09	0.71	10.05	5.38	1.00	23922.00	236138.00	23922.00	>100
2729	1680.00	1	SLV(E)	0.11	0.02	0.71	10.05	0.11	1.00	23922.00	232857.00	23922.00	>100
2730	1740.00	1	SLV(E)	-0.36	-0.07	0.71	10.05	0.37	1.00	23922.00	231864.00	23922.00	>100
2751	0.00	3	SLV(E)	-166.64	70.81	0.71	10.05	181.06	1.00	23922.00	261450.00	23922.00	>100
2752	60.00	3	SLV(E)	533.24	-226.61	0.71	10.05	579.40	1.00	23922.00	261450.00	23922.00	41.288
2753	120.00	3	SLV(E)	2057.42	-874.33	0.71	10.05	2235.49	1.00	23922.00	261450.00	23922.00	10.701
2754	180.00	3	SLV(E)	3492.24	-1484.08	0.71	10.05	3794.50	1.00	23922.00	261450.00	23922.00	6.304
2755	240.00	3	SLV(E)	4362.21	-1853.79	0.71	10.05	4739.76	1.00	23922.00	261450.00	23922.00	5.047
2756	300.00	3	SLV(E)	4537.93	-1928.46	0.71	10.05	4930.70	1.00	23922.00	261450.00	23922.00	4.852
2757	360.00	3	SLV(E)	4118.91	-1750.40	0.71	10.05	4475.42	1.00	23922.00	261450.00	23922.00	5.345
2758	420.00	3	SLV(E)	3317.27	-1409.72	0.71	10.05	3604.39	1.00	23922.00	261450.00	23922.00	6.637
2759	480.00	3	SLV(E)	2363.79	-1004.53	0.71	10.05	2568.38	1.00	23922.00	261450.00	23922.00	9.314
2760	540.00	3	SLV(E)	1461.99	-621.29	0.71	10.05	1588.52	1.00	23922.00	261450.00	23922.00	15.059
2761	600.00	3	SLV(E)	743.00	-315.75	0.71	10.05	807.30	1.00	239			

2763	720.00	3	SLV(E)	-56.39	23.96	0.71	10.05	61.27	1.00	23922.00	256775.00	23922.00	>100
2764	780.00	3	SLV(E)	-199.98	84.98	0.71	10.05	217.28	1.00	23922.00	255022.00	23922.00	>100
2765	840.00	3	SLV(E)	-237.19	100.80	0.71	10.05	257.72	1.00	23922.00	253289.00	23922.00	92.822
2766	900.00	3	SLV(E)	-212.95	90.50	0.71	10.05	231.38	1.00	23922.00	251583.00	23922.00	>100
2767	960.00	3	SLV(E)	-161.74	68.73	0.71	10.05	175.74	1.00	23922.00	249910.00	23922.00	>100
2768	1020.00	3	SLV(E)	-106.31	45.18	0.71	10.05	115.51	1.00	23922.00	248273.00	23922.00	>100
2769	1080.00	3	SLV(E)	-59.14	25.13	0.71	10.05	64.25	1.00	23922.00	246677.00	23922.00	>100
2770	1140.00	3	SLV(E)	-25.00	10.63	0.71	10.05	27.17	1.00	23922.00	245126.00	23922.00	>100
2771	1200.00	3	SLV(E)	-3.84	1.63	0.71	10.05	4.17	1.00	23922.00	243621.00	23922.00	>100
2772	1260.00	3	SLV(E)	6.90	-2.93	0.71	10.05	7.50	1.00	23922.00	242166.00	23922.00	>100
2773	1320.00	3	SLV(E)	10.51	-4.46	0.71	10.05	11.41	1.00	23922.00	240761.00	23922.00	>100
2774	1380.00	3	SLV(E)	10.00	-4.25	0.71	10.05	10.86	1.00	23922.00	239409.00	23922.00	>100
2775	1440.00	3	SLV(E)	7.66	-3.26	0.71	10.05	8.32	1.00	23922.00	238110.00	23922.00	>100
2776	1500.00	3	SLV(E)	4.96	-2.11	0.71	10.05	5.39	1.00	23922.00	236865.00	23922.00	>100
2779	1680.00	3	SLV(E)	0.11	-0.05	0.71	10.05	0.12	1.00	23922.00	233448.00	23922.00	>100
2780	1740.00	3	SLV(E)	-0.34	0.14	0.71	10.05	0.37	1.00	23922.00	232415.00	23922.00	>100
2801	0.00	5	SLV(E)	189.91	-40.55	0.71	10.05	194.19	1.00	23922.00	261450.00	23922.00	>100
2802	60.00	5	SLV(E)	-555.67	118.66	0.71	10.05	568.20	1.00	23922.00	261450.00	23922.00	42.102
2803	120.00	5	SLV(E)	-2179.75	465.46	0.71	10.05	2228.89	1.00	23922.00	261450.00	23922.00	10.733
2804	180.00	5	SLV(E)	-3709.45	792.11	0.71	10.05	3793.08	1.00	23922.00	261450.00	23922.00	6.307
2805	240.00	5	SLV(E)	-4638.15	990.42	0.71	10.05	4742.72	1.00	23922.00	261450.00	23922.00	5.044
2806	300.00	5	SLV(E)	-4827.67	1030.89	0.71	10.05	4936.51	1.00	23922.00	261450.00	23922.00	4.846
2807	360.00	5	SLV(E)	-4383.62	936.06	0.71	10.05	4482.44	1.00	23922.00	261450.00	23922.00	5.337
2808	420.00	5	SLV(E)	-3531.64	754.13	0.71	10.05	3611.26	1.00	23922.00	261450.00	23922.00	6.624
2809	480.00	5	SLV(E)	-2517.41	537.56	0.71	10.05	2574.17	1.00	23922.00	261450.00	23922.00	9.293
2810	540.00	5	SLV(E)	-1557.70	332.63	0.71	10.05	1592.82	1.00	23922.00	261450.00	23922.00	15.019
2811	600.00	5	SLV(E)	-792.25	169.17	0.71	10.05	810.11	1.00	23922.00	261450.00	23922.00	29.529
2812	660.00	5	SLV(E)	-260.18	55.56	0.71	10.05	266.05	1.00	23922.00	260816.00	23922.00	89.915
2813	720.00	5	SLV(E)	59.28	-12.66	0.71	10.05	60.62	1.00	23922.00	258947.00	23922.00	>100
2814	780.00	5	SLV(E)	212.42	-45.36	0.71	10.05	217.21	1.00	23922.00	257092.00	23922.00	>100
2815	840.00	5	SLV(E)	252.26	-53.87	0.71	10.05	257.95	1.00	23922.00	255260.00	23922.00	92.739
2816	900.00	5	SLV(E)	226.62	-48.39	0.71	10.05	231.72	1.00	23922.00	253456.00	23922.00	>100
2817	960.00	5	SLV(E)	172.19	-36.77	0.71	10.05	176.07	1.00	23922.00	251686.00	23922.00	>100
2818	1020.00	5	SLV(E)	113.22	-24.18	0.71	10.05	115.78	1.00	23922.00	249956.00	23922.00	>100
2819	1080.00	5	SLV(E)	63.02	-13.46	0.71	10.05	64.44	1.00	23922.00	248268.00	23922.00	>100
2820	1140.00	5	SLV(E)	26.67	-5.70	0.71	10.05	27.27	1.00	23922.00	246628.00	23922.00	>100
2821	1200.00	5	SLV(E)	4.13	-0.88	0.71	10.05	4.22	1.00	23922.00	245038.00	23922.00	>100
2822	1260.00	5	SLV(E)	-7.32	1.56	0.71	10.05	7.49	1.00	23922.00	243500.00	23922.00	>100
2823	1320.00	5	SLV(E)	-11.17	2.39	0.71	10.05	11.42	1.00	23922.00	242015.00	23922.00	>100
2824	1380.00	5	SLV(E)	-10.64	2.27	0.71	10.05	10.88	1.00	23922.00	240587.00	23922.00	>100
2825	1440.00	5	SLV(E)	-8.15	1.74	0.71	10.05	8.34	1.00	23922.00	239214.00	23922.00	>100
2826	1500.00	5	SLV(E)	-5.29	1.13	0.71	10.05	5.41	1.00	23922.00	237898.00	23922.00	>100
2829	1680.00	5	SLV(E)	-0.12	0.02	0.71	10.05	0.12	1.00	23922.00	234289.00	23922.00	>100
2830	1740.00	5	SLV(E)	0.36	-0.08	0.71	10.05	0.37	1.00	23922.00	233197.00	23922.00	>100
2851	0.00	7	SLV(E)	187.23	64.08	0.71	10.05	197.90	1.00	23922.00	261450.00	23922.00	>100
2852	60.00	7	SLV(E)	-534.03	-182.77	0.71	10.05	564.44	1.00	23922.00	261450.00	23922.00	42.382
2853	120.00	7	SLV(E)	-2105.26	-720.51	0.71	10.05	2225.14	1.00	23922.00	261450.00	23922.00	10.751
2854	180.00	7	SLV(E)	-3585.43	-1227.09	0.71	10.05	3789.60	1.00	23922.00	261450.00	23922.00	6.313
2855	240.00	7	SLV(E)	-4484.39	-1534.76	0.71	10.05	4739.75	1.00	23922.00	261450.00	23922.00	5.047
2856	300.00	7	SLV(E)	-4668.39	-1597.73	0.71	10.05	4934.23	1.00	23922.00	261450.00	23922.00	4.848
2857	360.00	7	SLV(E)	-4239.47	-1450.94	0.71	10.05	4480.89	1.00	23922.00	261450.00	23922.00	5.339
2858	420.00	7	SLV(E)	-3415.84	-1169.05	0.71	10.05	3610.36	1.00	23922.00	261450.00	23922.00	6.626
2859	480.00	7	SLV(E)	-2435.12	-833.41	0.71	10.05	2573.79	1.00	23922.00	261450.00	23922.00	9.294
2860	540.00	7	SLV(E)	-1506.98	-515.75	0.71	10.05	1592.79	1.00	23922.00	261450.00	23922.00	15.019
2861	600.00	7	SLV(E)	-766.62	-262.37	0.71	10.05	810.28	1.00	23922.00	261450.00	23922.00	29.523
2862	660.00	7	SLV(E)	-251.95	-86.23	0.71	10.05	266.29	1.00	23922.00	261450.00	23922.00	89.833
2863	720.00	7	SLV(E)	57.12	19.55	0.71	10.05	60.38	1.00	23922.00	260475.00	23922.00	>100
2864	780.00	7	SLV(E)	205.32	70.27	0.71	10.05	217.01	1.00	23922.00	258549.00	23922.00	>100
2865	840.00	7	SLV(E)	243.92	83.48	0.71	10.05	257.81	1.00	23922.00	256646.00	23922.00	92.790
2866	900.00	7	SLV(E)	219.16	75.01	0.71	10.05	231.64	1.00	23922.00	254773.00	23922.00	>100
2867	960.00	7	SLV(E)	166.54	57.00	0.71	10.05	176.02	1.00	23922.00	252936.00	23922.00	>100
2868	1020.00	7	SLV(E)	109.53	37.48	0.71	10.05	115.76	1.00	23922.00	251139.00	23922.00	>100
2869	1080.00	7	SLV(E)	60.97	20.87	0.71	10.05	64.44	1.00	23922.00	249388.00	23922.00	>100
2870	1140.00	7	SLV(E)	25.81	8.83	0.71	10.05	27.28	1.00	23922.00	247685.00	23922.00	>100
2871	1200.00	7	SLV(E)	4.00	1.37	0.71	10.05	4.23	1.00	23922.00	246034.00	23922.00	>100
2872	1260.00	7	SLV(E)	-7.07	-2.42	0.71	10.05	7.48	1.00	23922.00	244438.00	23922.00	>100
2873	1320.00	7	SLV(E)	-10.80	-3.70	0.71	10.05	11.41	1.00	23922.00	242898.00	23922.00	>100
2874	1380.00	7	SLV(E)	-10.29	-3.52	0.71	10.05	10.87	1.00	23922.00	241415.00	23922.00	>100
2875	1440.00	7	SLV(E)	-7.89	-2.70	0.71	10.05	8.34	1.00	23922.00	239990.00	23922.00	>100
2876	1500.00	7	SLV(E)	-5.11	-1.75	0.71	10.05	5.40	1.00	23922.00	238625.00	23922.00	>100
2879	1680.00	7	SLV(E)	-0.11	-0.04	0.71	10.05	0.12	1.00	23922.00	234880.00	23922.00	>100
2880	1740.00	7	SLV(E)	0.35	0.12	0.71	10.05	0.37	1.00	23922.00	233748.00	23922.00	>100
2901	0.00	9	SLV(E)	-36.99	-158.24	0.71	10.05	162.51	1.00	23922.00	261450.00	23922.00	>100
2902	60.00	9	SLV(E)	135.27	578.64	0.71	10.05	594.24	1.00	23922.00	261450.00	23922.00	40.257
2903	120.00	9	SLV(E)	510.29	2182.86	0.71	10.05	2241.71	1.00	23922.00	261450.00	23922.00	10.671
2904	180.00	9	SLV(E)	863.05	3691.87	0.71	10.05	3791.41	1.00	23922.00	261450.00	23922.00	6.310
2905	240.00	9	SLV(E)	1076.54	4605.14	0.71	10.05	4729.30	1.00	23922.00	261450.00	23922.00	5.058
2906	300.00	9	SLV(E)	1119.04	4786.94	0.71	10.05	4916.00	1.00	23922.00	261450.00	23922.00	4.866
2907	360.00	9	SLV(E)	1015.16	4342.55	0.71	10.05	4459.63	1.00	23922.00	261450.00	23922.00	5.364
2908	420.00	9	SLV(E)	817.20	3495.74	0.71	10.05	3589.98	1.00	23922.00	261450.00	23922.00	6.664
2909	480.00	9	SLV(E)	582.03	2489.74	0.71	10.05	2556.87	1.00	23922.00	261410.00	23922.00	9.356
2910	540.00	9	SLV(E)	359.75	1538.92	0.71	10.05	1580.41	1.00	23922.00	259782.00	23922.00	15.137
2911	600.00	9	SLV(E)	182.63	781.25	0.71	10.05	802.32	1.00	23922.00	258108.00	23922.	

2913	720.00	9	SLV(E)	-14.13	-60.47	0.71	10.05	62.10	1.00	23922.00	254759.00	23922.00	>100
2914	780.00	9	SLV(E)	-49.42	-211.40	0.71	10.05	217.10	1.00	23922.00	253100.00	23922.00	>100
2915	840.00	9	SLV(E)	-58.51	-250.31	0.71	10.05	257.06	1.00	23922.00	251461.00	23922.00	93.062
2916	900.00	9	SLV(E)	-52.49	-224.55	0.71	10.05	230.60	1.00	23922.00	249846.00	23922.00	>100
2917	960.00	9	SLV(E)	-39.84	-170.44	0.71	10.05	175.04	1.00	23922.00	248262.00	23922.00	>100
2918	1020.00	9	SLV(E)	-26.17	-111.97	0.71	10.05	114.99	1.00	23922.00	246712.00	23922.00	>100
2919	1080.00	9	SLV(E)	-14.55	-62.24	0.71	10.05	63.91	1.00	23922.00	245201.00	23922.00	>100
2920	1140.00	9	SLV(E)	-6.14	-26.27	0.71	10.05	26.98	1.00	23922.00	243732.00	23922.00	>100
2921	1200.00	9	SLV(E)	-0.93	-3.98	0.71	10.05	4.09	1.00	23922.00	242306.00	23922.00	>100
2922	1260.00	9	SLV(E)	1.71	7.31	0.71	10.05	7.51	1.00	23922.00	240928.00	23922.00	>100
2923	1320.00	9	SLV(E)	2.59	11.09	0.71	10.05	11.39	1.00	23922.00	239598.00	23922.00	>100
2924	1380.00	9	SLV(E)	2.46	10.54	0.71	10.05	10.83	1.00	23922.00	238317.00	23922.00	>100
2925	1440.00	9	SLV(E)	1.89	8.07	0.71	10.05	8.29	1.00	23922.00	237086.00	23922.00	>100
2926	1500.00	9	SLV(E)	1.22	5.23	0.71	10.05	5.37	1.00	23922.00	235906.00	23922.00	>100
2929	1680.00	9	SLV(E)	0.03	0.11	0.71	10.05	0.11	1.00	23922.00	232668.00	23922.00	>100
2930	1740.00	9	SLV(E)	-0.08	-0.36	0.71	10.05	0.37	1.00	23922.00	231689.00	23922.00	>100
2951	0.00	11	SLV(E)	69.17	-160.26	0.71	10.05	174.55	1.00	23922.00	261450.00	23922.00	>100
2952	60.00	11	SLV(E)	-231.65	536.73	0.71	10.05	584.58	1.00	23922.00	261450.00	23922.00	40.922
2953	120.00	11	SLV(E)	-886.67	2054.45	0.71	10.05	2237.62	1.00	23922.00	261450.00	23922.00	10.691
2954	180.00	11	SLV(E)	-1503.13	3482.81	0.71	10.05	3793.33	1.00	23922.00	261450.00	23922.00	6.306
2955	240.00	11	SLV(E)	-1876.67	4348.30	0.71	10.05	4735.98	1.00	23922.00	261450.00	23922.00	5.051
2956	300.00	11	SLV(E)	-1951.73	4522.23	0.71	10.05	4925.43	1.00	23922.00	261450.00	23922.00	4.857
2957	360.00	11	SLV(E)	-1771.18	4103.88	0.71	10.05	4469.78	1.00	23922.00	261450.00	23922.00	5.352
2958	420.00	11	SLV(E)	-1426.23	3304.62	0.71	10.05	3599.25	1.00	23922.00	261450.00	23922.00	6.646
2959	480.00	11	SLV(E)	-1016.12	2354.37	0.71	10.05	2564.28	1.00	23922.00	261450.00	23922.00	9.329
2960	540.00	11	SLV(E)	-628.32	1455.84	0.71	10.05	1585.64	1.00	23922.00	261050.00	23922.00	15.087
2961	600.00	11	SLV(E)	-319.20	739.60	0.71	10.05	805.54	1.00	23922.00	259323.00	23922.00	29.697
2962	660.00	11	SLV(E)	-104.45	242.02	0.71	10.05	263.60	1.00	23922.00	257594.00	23922.00	90.751
2963	720.00	11	SLV(E)	24.39	-56.52	0.71	10.05	61.56	1.00	23922.00	255869.00	23922.00	>100
2964	780.00	11	SLV(E)	86.07	-199.43	0.71	10.05	217.22	1.00	23922.00	254159.00	23922.00	>100
2965	840.00	11	SLV(E)	102.03	-236.40	0.71	10.05	257.48	1.00	23922.00	252468.00	23922.00	92.908
2966	900.00	11	SLV(E)	91.58	-212.19	0.71	10.05	231.10	1.00	23922.00	250803.00	23922.00	>100
2967	960.00	11	SLV(E)	69.54	-161.12	0.71	10.05	175.49	1.00	23922.00	249170.00	23922.00	>100
2968	1020.00	11	SLV(E)	45.70	-105.88	0.71	10.05	115.32	1.00	23922.00	247572.00	23922.00	>100
2969	1080.00	11	SLV(E)	25.41	-58.88	0.71	10.05	64.13	1.00	23922.00	246014.00	23922.00	>100
2970	1140.00	11	SLV(E)	10.74	-24.88	0.71	10.05	27.10	1.00	23922.00	244499.00	23922.00	>100
2971	1200.00	11	SLV(E)	1.64	-3.80	0.71	10.05	4.14	1.00	23922.00	243031.00	23922.00	>100
2972	1260.00	11	SLV(E)	-2.97	6.89	0.71	10.05	7.50	1.00	23922.00	241610.00	23922.00	>100
2973	1320.00	11	SLV(E)	-4.52	10.47	0.71	10.05	11.41	1.00	23922.00	240239.00	23922.00	>100
2974	1380.00	11	SLV(E)	-4.30	9.96	0.71	10.05	10.85	1.00	23922.00	238918.00	23922.00	>100
2975	1440.00	11	SLV(E)	-3.29	7.63	0.71	10.05	8.31	1.00	23922.00	237650.00	23922.00	>100
2976	1500.00	11	SLV(E)	-2.13	4.94	0.71	10.05	5.38	1.00	23922.00	236434.00	23922.00	>100
2979	1680.00	11	SLV(E)	-0.05	0.11	0.71	10.05	0.12	1.00	23922.00	233098.00	23922.00	>100
2980	1740.00	11	SLV(E)	0.15	-0.34	0.71	10.05	0.37	1.00	23922.00	232089.00	23922.00	>100
3001	0.00	13	SLV(E)	-45.90	190.53	0.71	10.05	195.98	1.00	23922.00	261450.00	23922.00	>100
3002	60.00	13	SLV(E)	132.66	-550.66	0.71	10.05	566.41	1.00	23922.00	261450.00	23922.00	42.234
3003	120.00	13	SLV(E)	521.61	-2165.24	0.71	10.05	2227.18	1.00	23922.00	261450.00	23922.00	10.741
3004	180.00	13	SLV(E)	888.00	-3686.11	0.71	10.05	3791.56	1.00	23922.00	261450.00	23922.00	6.309
3005	240.00	13	SLV(E)	1110.47	-4609.61	0.71	10.05	4741.48	1.00	23922.00	261450.00	23922.00	5.045
3006	300.00	13	SLV(E)	1155.94	-4798.34	0.71	10.05	4935.62	1.00	23922.00	261450.00	23922.00	4.847
3007	360.00	13	SLV(E)	1049.67	-4357.23	0.71	10.05	4481.88	1.00	23922.00	261450.00	23922.00	5.338
3008	420.00	13	SLV(E)	845.70	-3510.54	0.71	10.05	3610.97	1.00	23922.00	261450.00	23922.00	6.625
3009	480.00	13	SLV(E)	602.86	-2502.50	0.71	10.05	2574.09	1.00	23922.00	261450.00	23922.00	9.293
3010	540.00	13	SLV(E)	373.06	-1548.57	0.71	10.05	1592.87	1.00	23922.00	261450.00	23922.00	15.018
3011	600.00	13	SLV(E)	189.76	-787.69	0.71	10.05	810.22	1.00	23922.00	261450.00	23922.00	29.525
3012	660.00	13	SLV(E)	62.34	-258.77	0.71	10.05	266.18	1.00	23922.00	261450.00	23922.00	89.872
3013	720.00	13	SLV(E)	-14.17	58.82	0.71	10.05	60.50	1.00	23922.00	259852.00	23922.00	>100
3014	780.00	13	SLV(E)	-50.85	211.09	0.71	10.05	217.12	1.00	23922.00	257955.00	23922.00	>100
3015	840.00	13	SLV(E)	-60.40	250.72	0.71	10.05	257.89	1.00	23922.00	256081.00	23922.00	92.760
3016	900.00	13	SLV(E)	-54.26	225.25	0.71	10.05	231.69	1.00	23922.00	254236.00	23922.00	>100
3017	960.00	13	SLV(E)	-41.23	171.16	0.71	10.05	176.05	1.00	23922.00	252427.00	23922.00	>100
3018	1020.00	13	SLV(E)	-27.11	112.55	0.71	10.05	115.77	1.00	23922.00	250657.00	23922.00	>100
3019	1080.00	13	SLV(E)	-15.09	62.65	0.71	10.05	64.44	1.00	23922.00	248932.00	23922.00	>100
3020	1140.00	13	SLV(E)	-6.39	26.52	0.71	10.05	27.28	1.00	23922.00	247254.00	23922.00	>100
3021	1200.00	13	SLV(E)	-0.99	4.11	0.71	10.05	4.22	1.00	23922.00	245628.00	23922.00	>100
3022	1260.00	13	SLV(E)	1.75	-7.27	0.71	10.05	7.48	1.00	23922.00	244055.00	23922.00	>100
3023	1320.00	13	SLV(E)	2.67	-11.10	0.71	10.05	11.42	1.00	23922.00	242538.00	23922.00	>100
3024	1380.00	13	SLV(E)	2.55	-10.57	0.71	10.05	10.87	1.00	23922.00	241077.00	23922.00	>100
3025	1440.00	13	SLV(E)	1.95	-8.11	0.71	10.05	8.34	1.00	23922.00	239674.00	23922.00	>100
3026	1500.00	13	SLV(E)	1.27	-5.26	0.71	10.05	5.41	1.00	23922.00	238329.00	23922.00	>100
3029	1680.00	13	SLV(E)	0.03	-0.12	0.71	10.05	0.12	1.00	23922.00	234639.00	23922.00	>100
3030	1740.00	13	SLV(E)	-0.09	0.36	0.71	10.05	0.37	1.00	23922.00	233523.00	23922.00	>100
3051	0.00	15	SLV(E)	60.26	188.51	0.71	10.05	197.91	1.00	23922.00	261450.00	23922.00	>100
3052	60.00	15	SLV(E)	-171.78	-537.36	0.71	10.05	564.15	1.00	23922.00	261450.00	23922.00	42.404
3053	120.00	15	SLV(E)	-677.28	-2118.62	0.71	10.05	2224.24	1.00	23922.00	261450.00	23922.00	10.755
3054	180.00	15	SLV(E)	-1153.49	-3608.24	0.71	10.05	3788.13	1.00	23922.00	261450.00	23922.00	6.315
3055	240.00	15	SLV(E)	-1442.71	-4512.95	0.71	10.05	4737.94	1.00	23922.00	261450.00	23922.00	5.049
3056	300.00	15	SLV(E)	-1501.91	-4698.14	0.71	10.05	4932.36	1.00	23922.00	261450.00	23922.00	4.850
3057	360.00	15	SLV(E)	-1363.92	-4266.50	0.71	10.05	4479.21	1.00	23922.00	261450.00	23922.00	5.341
3058	420.00	15	SLV(E)	-1098.95	-3437.63	0.71	10.05	3609.01	1.00	23922.00	261450.00	23922.00	6.628
3059	480.00	15	SLV(E)	-783.43	-2450.66	0.71	10.05	2572.84	1.00	23922.00	261450.00	23922.00	9.298
3060	540.00	15	SLV(E)	-484.83	-1516.60	0.71	10.05	1592.21	1.00	23922.00	261450.00	23922.00	15.024
3061	600.00	15	SLV(E)	-246.64	-771.52								

3063	720.00	15	SLV(E)	18.38	57.48	0.71	10.05	60.35	1.00	23922.00	260962.00	23922.00	>100
3064	780.00	15	SLV(E)	66.05	206.63	0.71	10.05	216.93	1.00	23922.00	259014.00	23922.00	>100
3065	840.00	15	SLV(E)	78.47	245.47	0.71	10.05	257.71	1.00	23922.00	257088.00	23922.00	92.825
3066	900.00	15	SLV(E)	70.51	220.56	0.71	10.05	231.55	1.00	23922.00	255193.00	23922.00	>100
3067	960.00	15	SLV(E)	53.58	167.60	0.71	10.05	175.96	1.00	23922.00	253334.00	23922.00	>100
3068	1020.00	15	SLV(E)	35.24	110.22	0.71	10.05	115.72	1.00	23922.00	251517.00	23922.00	>100
3069	1080.00	15	SLV(E)	19.61	61.36	0.71	10.05	64.42	1.00	23922.00	249745.00	23922.00	>100
3070	1140.00	15	SLV(E)	8.30	25.98	0.71	10.05	27.27	1.00	23922.00	248022.00	23922.00	>100
3071	1200.00	15	SLV(E)	1.29	4.03	0.71	10.05	4.23	1.00	23922.00	246352.00	23922.00	>100
3072	1260.00	15	SLV(E)	-2.28	-7.12	0.71	10.05	7.47	1.00	23922.00	244737.00	23922.00	>100
3073	1320.00	15	SLV(E)	-3.47	-10.87	0.71	10.05	11.41	1.00	23922.00	243179.00	23922.00	>100
3074	1380.00	15	SLV(E)	-3.31	-10.35	0.71	10.05	10.87	1.00	23922.00	241679.00	23922.00	>100
3075	1440.00	15	SLV(E)	-2.54	-7.94	0.71	10.05	8.33	1.00	23922.00	240238.00	23922.00	>100
3076	1500.00	15	SLV(E)	-1.65	-5.15	0.71	10.05	5.40	1.00	23922.00	238857.00	23922.00	>100
3079	1680.00	15	SLV(E)	-0.04	-0.11	0.71	10.05	0.12	1.00	23922.00	235069.00	23922.00	>100
3080	1740.00	15	SLV(E)	0.11	0.35	0.71	10.05	0.37	1.00	23922.00	233923.00	23922.00	>100
3101	0.00	17	SLU	-2039.73	2885.24	0.71	10.05	3533.43	1.00	23922.00	261450.00	23922.00	6.770
3102	60.00	17	SLU	-1222.73	1729.58	0.71	10.05	2118.14	1.00	23922.00	261450.00	23922.00	11.294
3103	120.00	17	SLU	613.72	-868.13	0.71	10.05	1063.15	1.00	23922.00	261450.00	23922.00	22.501
3104	180.00	17	SLU	2467.72	-3490.65	0.71	10.05	4274.84	1.00	23922.00	261450.00	23922.00	5.596
3105	240.00	17	SLU	3771.13	-5334.37	0.71	10.05	6532.76	1.00	23922.00	261450.00	23922.00	3.662
3106	300.00	17	SLU	4322.05	-6113.66	0.71	10.05	7487.12	1.00	23922.00	261450.00	23922.00	3.195
3107	360.00	17	SLU	4178.38	-5910.42	0.71	10.05	7238.22	1.00	23922.00	261450.00	23922.00	3.305
3108	420.00	17	SLU	3541.22	-5009.15	0.71	10.05	6134.48	1.00	23922.00	261450.00	23922.00	3.900
3109	480.00	17	SLU	2653.60	-3753.59	0.71	10.05	4596.85	1.00	23922.00	261450.00	23922.00	5.204
3110	540.00	17	SLU	1744.93	-2468.25	0.71	10.05	3022.75	1.00	23922.00	261450.00	23922.00	7.914
3111	600.00	17	SLU	977.13	-1382.18	0.71	10.05	1692.69	1.00	23922.00	261450.00	23922.00	14.133
3112	660.00	17	SLU	413.45	-584.83	0.71	10.05	716.22	1.00	23922.00	261450.00	23922.00	33.401
3113	720.00	17	SLU	51.75	-73.20	0.71	10.05	89.64	1.00	23922.00	261450.00	23922.00	>100
3114	780.00	17	SLU	-142.18	201.11	0.71	10.05	246.29	1.00	23922.00	261450.00	23922.00	97.129
3115	840.00	17	SLU	-215.04	304.18	0.71	10.05	372.52	1.00	23922.00	261450.00	23922.00	64.217
3116	900.00	17	SLU	-212.61	300.75	0.71	10.05	368.31	1.00	23922.00	261450.00	23922.00	64.950
3117	960.00	17	SLU	-172.24	243.63	0.71	10.05	298.37	1.00	23922.00	261450.00	23922.00	80.176
3118	1020.00	17	SLU	-120.14	169.94	0.71	10.05	208.12	1.00	23922.00	261450.00	23922.00	>100
3119	1080.00	17	SLU	-71.93	101.75	0.71	10.05	124.61	1.00	23922.00	261450.00	23922.00	>100
3120	1140.00	17	SLU	-34.81	49.24	0.71	10.05	60.30	1.00	23922.00	261450.00	23922.00	>100
3121	1200.00	17	SLU	-10.28	14.55	0.71	10.05	17.81	1.00	23922.00	261450.00	23922.00	>100
3122	1260.00	17	SLU	3.33	-4.72	0.71	10.05	5.78	1.00	23922.00	261450.00	23922.00	>100
3123	1320.00	17	SLU	9.01	-12.74	0.71	10.05	15.61	1.00	23922.00	261450.00	23922.00	>100
3124	1380.00	17	SLU	9.77	-13.82	0.71	10.05	16.92	1.00	23922.00	261450.00	23922.00	>100
3125	1440.00	17	SLU	8.06	-11.41	0.71	10.05	13.97	1.00	23922.00	261450.00	23922.00	>100
3126	1500.00	17	SLU	5.57	-7.88	0.71	10.05	9.65	1.00	23922.00	261098.00	23922.00	>100
3127	1560.00	17	SLU	3.24	-4.58	0.71	10.05	5.61	1.00	23922.00	258417.00	23922.00	>100
3129	1680.00	17	SLU	0.37	-0.53	0.71	10.05	0.65	1.00	23922.00	253235.00	23922.00	>100
3130	1740.00	17	SLU	-0.20	0.28	0.71	10.05	0.35	1.00	23922.00	250829.00	23922.00	>100
3131	1800.00	17	SLU	-0.41	0.58	0.71	10.05	0.71	1.00	23922.00	248544.00	23922.00	>100
3151	0.00	1	SLV(E)	-179.09	-32.93	0.71	10.05	182.09	1.00	23922.00	261450.00	23922.00	>100
3152	60.00	1	SLV(E)	569.01	104.63	0.71	10.05	578.55	1.00	23922.00	261450.00	23922.00	41.348
3153	120.00	1	SLV(E)	2198.23	404.20	0.71	10.05	2235.08	1.00	23922.00	261450.00	23922.00	10.703
3154	180.00	1	SLV(E)	3732.01	686.23	0.71	10.05	3794.57	1.00	23922.00	261450.00	23922.00	6.304
3155	240.00	1	SLV(E)	4662.06	857.24	0.71	10.05	4740.22	1.00	23922.00	261450.00	23922.00	5.047
3156	300.00	1	SLV(E)	4850.08	891.81	0.71	10.05	4931.39	1.00	23922.00	261450.00	23922.00	4.851
3157	360.00	1	SLV(E)	4402.38	809.49	0.71	10.05	4476.18	1.00	23922.00	261450.00	23922.00	5.344
3158	420.00	1	SLV(E)	3545.65	651.96	0.71	10.05	3605.10	1.00	23922.00	261450.00	23922.00	6.636
3159	480.00	1	SLV(E)	2526.60	464.58	0.71	10.05	2568.95	1.00	23922.00	261450.00	23922.00	9.312
3160	540.00	1	SLV(E)	1562.74	287.35	0.71	10.05	1588.94	1.00	23922.00	261450.00	23922.00	15.055
3161	600.00	1	SLV(E)	794.25	146.04	0.71	10.05	807.56	1.00	23922.00	260470.00	23922.00	29.622
3162	660.00	1	SLV(E)	260.26	47.86	0.71	10.05	264.63	1.00	23922.00	258690.00	23922.00	90.399
3163	720.00	1	SLV(E)	-60.21	-11.07	0.71	10.05	61.22	1.00	23922.00	256917.00	23922.00	>100
3164	780.00	1	SLV(E)	-213.71	-39.30	0.71	10.05	217.29	1.00	23922.00	255157.00	23922.00	>100
3165	840.00	1	SLV(E)	-253.50	-46.61	0.71	10.05	257.75	1.00	23922.00	253418.00	23922.00	92.811
3166	900.00	1	SLV(E)	-227.61	-41.85	0.71	10.05	231.42	1.00	23922.00	251706.00	23922.00	>100
3167	960.00	1	SLV(E)	-172.87	-31.79	0.71	10.05	175.77	1.00	23922.00	250026.00	23922.00	>100
3168	1020.00	1	SLV(E)	-113.63	-20.89	0.71	10.05	115.54	1.00	23922.00	248383.00	23922.00	>100
3169	1080.00	1	SLV(E)	-63.21	-11.62	0.71	10.05	64.27	1.00	23922.00	246781.00	23922.00	>100
3170	1140.00	1	SLV(E)	-26.73	-4.91	0.71	10.05	27.18	1.00	23922.00	245224.00	23922.00	>100
3171	1200.00	1	SLV(E)	-4.10	-0.75	0.71	10.05	4.17	1.00	23922.00	243713.00	23922.00	>100
3172	1260.00	1	SLV(E)	7.38	1.36	0.71	10.05	7.50	1.00	23922.00	242253.00	23922.00	>100
3173	1320.00	1	SLV(E)	11.23	2.06	0.71	10.05	11.42	1.00	23922.00	240843.00	23922.00	>100
3174	1380.00	1	SLV(E)	10.68	1.96	0.71	10.05	10.86	1.00	23922.00	239486.00	23922.00	>100
3175	1440.00	1	SLV(E)	8.19	1.51	0.71	10.05	8.32	1.00	23922.00	238182.00	23922.00	>100
3176	1500.00	1	SLV(E)	5.31	0.98	0.71	10.05	5.39	1.00	23922.00	236932.00	23922.00	>100
3179	1680.00	1	SLV(E)	0.11	0.02	0.71	10.05	0.12	1.00	23922.00	233503.00	23922.00	>100
3180	1740.00	1	SLV(E)	-0.36	-0.07	0.71	10.05	0.37	1.00	23922.00	232466.00	23922.00	>100
3201	0.00	3	SLV(E)	-179.42	70.00	0.71	10.05	192.59	1.00	23922.00	261450.00	23922.00	>100
3202	60.00	3	SLV(E)	530.67	-207.04	0.71	10.05	569.63	1.00	23922.00	261450.00	23922.00	41.996
3203	120.00	3	SLV(E)	2077.41	-810.49	0.71	10.05	2229.92	1.00	23922.00	261450.00	23922.00	10.728
3204	180.00	3	SLV(E)	3534.17	-1378.84	0.71	10.05	3793.62	1.00	23922.00	261450.00	23922.00	6.306
3205	240.00	3	SLV(E)	4418.44	-1723.83	0.71	10.05	4742.81	1.00	23922.00	261450.00	23922.00	5.044
3206	300.00	3	SLV(E)	4598.67	-1794.14	0.71	10.05	4936.27	1.00	23922.00	261450.00	23922.00	4.846
3207	360.00	3	SLV(E)	4175.48	-1629.04	0.71	10.05	4482.01	1.00	23922.00	261450.00	23922.00	5.337
3208	420.00	3	SLV(E)	3363.81	-1312.37	0.71	10.05	3610.76	1.00	23922.00	261450.00	23922.00	6.625
3209	480.00	3	SLV(E)	2397.69	-935.44	0.71	10.05	2573.70	1.00	23922			

3211	600.00	3	SLV(E)	754.45	-294.35	0.71	10.05	809.84	1.00	23922.00	261450.00	23922.00	29.539
3212	660.00	3	SLV(E)	247.70	-96.64	0.71	10.05	265.88	1.00	23922.00	260668.00	23922.00	89.972
3213	720.00	3	SLV(E)	-56.55	22.06	0.71	10.05	60.70	1.00	23922.00	258805.00	23922.00	>100
3214	780.00	3	SLV(E)	-202.38	78.96	0.71	10.05	217.24	1.00	23922.00	256957.00	23922.00	>100
3215	840.00	3	SLV(E)	-240.31	93.75	0.71	10.05	257.95	1.00	23922.00	255131.00	23922.00	92.740
3216	900.00	3	SLV(E)	-215.86	84.22	0.71	10.05	231.71	1.00	23922.00	253334.00	23922.00	>100
3217	960.00	3	SLV(E)	-164.00	63.99	0.71	10.05	176.04	1.00	23922.00	251570.00	23922.00	>100
3218	1020.00	3	SLV(E)	-107.84	42.07	0.71	10.05	115.75	1.00	23922.00	249846.00	23922.00	>100
3219	1080.00	3	SLV(E)	-60.01	23.41	0.71	10.05	64.42	1.00	23922.00	248164.00	23922.00	>100
3220	1140.00	3	SLV(E)	-25.40	9.91	0.71	10.05	27.26	1.00	23922.00	246530.00	23922.00	>100
3221	1200.00	3	SLV(E)	-3.92	1.53	0.71	10.05	4.21	1.00	23922.00	244945.00	23922.00	>100
3222	1260.00	3	SLV(E)	6.98	-2.72	0.71	10.05	7.49	1.00	23922.00	243412.00	23922.00	>100
3223	1320.00	3	SLV(E)	10.64	-4.15	0.71	10.05	11.42	1.00	23922.00	241933.00	23922.00	>100
3224	1380.00	3	SLV(E)	10.13	-3.95	0.71	10.05	10.87	1.00	23922.00	240510.00	23922.00	>100
3225	1440.00	3	SLV(E)	7.77	-3.03	0.71	10.05	8.34	1.00	23922.00	239142.00	23922.00	>100
3226	1500.00	3	SLV(E)	5.03	-1.96	0.71	10.05	5.40	1.00	23922.00	237830.00	23922.00	>100
3229	1680.00	3	SLV(E)	0.11	-0.04	0.71	10.05	0.12	1.00	23922.00	234234.00	23922.00	>100
3230	1740.00	3	SLV(E)	-0.34	0.13	0.71	10.05	0.37	1.00	23922.00	233146.00	23922.00	>100
3251	0.00	5	SLV(E)	180.45	-31.84	0.71	10.05	183.24	1.00	23922.00	261450.00	23922.00	>100
3252	60.00	5	SLV(E)	-568.74	100.34	0.71	10.05	577.53	1.00	23922.00	261450.00	23922.00	41.422
3253	120.00	5	SLV(E)	-2200.39	388.21	0.71	10.05	2234.37	1.00	23922.00	261450.00	23922.00	10.706
3254	180.00	5	SLV(E)	-3736.52	659.24	0.71	10.05	3794.23	1.00	23922.00	261450.00	23922.00	6.305
3255	240.00	5	SLV(E)	-4668.10	823.60	0.71	10.05	4740.20	1.00	23922.00	261450.00	23922.00	5.047
3256	300.00	5	SLV(E)	-4856.60	856.85	0.71	10.05	4931.61	1.00	23922.00	261450.00	23922.00	4.851
3257	360.00	5	SLV(E)	-4408.45	777.78	0.71	10.05	4476.53	1.00	23922.00	261450.00	23922.00	5.344
3258	420.00	5	SLV(E)	-3550.65	626.44	0.71	10.05	3605.49	1.00	23922.00	261450.00	23922.00	6.635
3259	480.00	5	SLV(E)	-2530.24	446.41	0.71	10.05	2569.31	1.00	23922.00	261450.00	23922.00	9.311
3260	540.00	5	SLV(E)	-1565.05	276.12	0.71	10.05	1589.22	1.00	23922.00	261450.00	23922.00	15.053
3261	600.00	5	SLV(E)	-795.48	140.35	0.71	10.05	807.76	1.00	23922.00	260470.00	23922.00	29.615
3262	660.00	5	SLV(E)	-260.72	46.00	0.71	10.05	264.75	1.00	23922.00	258690.00	23922.00	90.358
3263	720.00	5	SLV(E)	60.23	-10.63	0.71	10.05	61.16	1.00	23922.00	256917.00	23922.00	>100
3264	780.00	5	SLV(E)	213.97	-37.75	0.71	10.05	217.27	1.00	23922.00	255157.00	23922.00	>100
3265	840.00	5	SLV(E)	253.84	-44.78	0.71	10.05	257.75	1.00	23922.00	253418.00	23922.00	92.809
3266	900.00	5	SLV(E)	227.92	-40.21	0.71	10.05	231.44	1.00	23922.00	251706.00	23922.00	>100
3267	960.00	5	SLV(E)	173.12	-30.54	0.71	10.05	175.79	1.00	23922.00	250026.00	23922.00	>100
3268	1020.00	5	SLV(E)	113.80	-20.08	0.71	10.05	115.55	1.00	23922.00	248383.00	23922.00	>100
3269	1080.00	5	SLV(E)	63.31	-11.17	0.71	10.05	64.28	1.00	23922.00	246781.00	23922.00	>100
3270	1140.00	5	SLV(E)	26.77	-4.72	0.71	10.05	27.18	1.00	23922.00	245224.00	23922.00	>100
3271	1200.00	5	SLV(E)	4.11	-0.73	0.71	10.05	4.18	1.00	23922.00	243713.00	23922.00	>100
3272	1260.00	5	SLV(E)	-7.38	1.30	0.71	10.05	7.50	1.00	23922.00	242253.00	23922.00	>100
3273	1320.00	5	SLV(E)	-11.24	1.98	0.71	10.05	11.42	1.00	23922.00	240843.00	23922.00	>100
3274	1380.00	5	SLV(E)	-10.70	1.89	0.71	10.05	10.86	1.00	23922.00	239486.00	23922.00	>100
3275	1440.00	5	SLV(E)	-8.20	1.45	0.71	10.05	8.33	1.00	23922.00	238182.00	23922.00	>100
3276	1500.00	5	SLV(E)	-5.31	0.94	0.71	10.05	5.40	1.00	23922.00	236932.00	23922.00	>100
3279	1680.00	5	SLV(E)	-0.11	0.02	0.71	10.05	0.12	1.00	23922.00	233503.00	23922.00	>100
3280	1740.00	5	SLV(E)	0.36	-0.06	0.71	10.05	0.37	1.00	23922.00	232466.00	23922.00	>100
3301	0.00	7	SLV(E)	180.13	71.09	0.71	10.05	193.65	1.00	23922.00	261450.00	23922.00	>100
3302	60.00	7	SLV(E)	-528.98	-208.77	0.71	10.05	568.68	1.00	23922.00	261450.00	23922.00	42.066
3303	120.00	7	SLV(E)	-2073.60	-818.38	0.71	10.05	2229.25	1.00	23922.00	261450.00	23922.00	10.731
3304	180.00	7	SLV(E)	-3528.44	-1392.56	0.71	10.05	3793.29	1.00	23922.00	261450.00	23922.00	6.306
3305	240.00	7	SLV(E)	-4411.63	-1741.12	0.71	10.05	4742.78	1.00	23922.00	261450.00	23922.00	5.044
3306	300.00	7	SLV(E)	-4591.79	-1812.23	0.71	10.05	4936.47	1.00	23922.00	261450.00	23922.00	4.846
3307	360.00	7	SLV(E)	-4169.36	-1645.51	0.71	10.05	4482.33	1.00	23922.00	261450.00	23922.00	5.337
3308	420.00	7	SLV(E)	-3358.98	-1325.68	0.71	10.05	3611.11	1.00	23922.00	261450.00	23922.00	6.625
3309	480.00	7	SLV(E)	-2394.31	-944.95	0.71	10.05	2574.03	1.00	23922.00	261450.00	23922.00	9.294
3310	540.00	7	SLV(E)	-1481.50	-584.70	0.71	10.05	1592.70	1.00	23922.00	261450.00	23922.00	15.020
3311	600.00	7	SLV(E)	-753.46	-297.37	0.71	10.05	810.02	1.00	23922.00	261450.00	23922.00	29.533
3312	660.00	7	SLV(E)	-247.42	-97.65	0.71	10.05	266.00	1.00	23922.00	260668.00	23922.00	89.934
3313	720.00	7	SLV(E)	56.41	22.26	0.71	10.05	60.65	1.00	23922.00	258805.00	23922.00	>100
3314	780.00	7	SLV(E)	202.06	79.74	0.71	10.05	217.22	1.00	23922.00	256957.00	23922.00	>100
3315	840.00	7	SLV(E)	239.94	94.70	0.71	10.05	257.95	1.00	23922.00	255131.00	23922.00	92.739
3316	900.00	7	SLV(E)	215.54	85.07	0.71	10.05	231.72	1.00	23922.00	253334.00	23922.00	>100
3317	960.00	7	SLV(E)	163.77	64.63	0.71	10.05	176.06	1.00	23922.00	251570.00	23922.00	>100
3318	1020.00	7	SLV(E)	107.69	42.50	0.71	10.05	115.77	1.00	23922.00	249846.00	23922.00	>100
3319	1080.00	7	SLV(E)	59.93	23.65	0.71	10.05	64.43	1.00	23922.00	248165.00	23922.00	>100
3320	1140.00	7	SLV(E)	25.37	10.01	0.71	10.05	27.27	1.00	23922.00	246530.00	23922.00	>100
3321	1200.00	7	SLV(E)	3.92	1.55	0.71	10.05	4.22	1.00	23922.00	244945.00	23922.00	>100
3322	1260.00	7	SLV(E)	-6.96	-2.75	0.71	10.05	7.49	1.00	23922.00	243412.00	23922.00	>100
3323	1320.00	7	SLV(E)	-10.62	-4.19	0.71	10.05	11.42	1.00	23922.00	241933.00	23922.00	>100
3324	1380.00	7	SLV(E)	-10.12	-3.99	0.71	10.05	10.88	1.00	23922.00	240510.00	23922.00	>100
3325	1440.00	7	SLV(E)	-7.76	-3.06	0.71	10.05	8.34	1.00	23922.00	239142.00	23922.00	>100
3326	1500.00	7	SLV(E)	-5.03	-1.98	0.71	10.05	5.41	1.00	23922.00	237830.00	23922.00	>100
3329	1680.00	7	SLV(E)	-0.11	-0.04	0.71	10.05	0.12	1.00	23922.00	234234.00	23922.00	>100
3330	1740.00	7	SLV(E)	0.34	0.13	0.71	10.05	0.37	1.00	23922.00	233146.00	23922.00	>100
3351	0.00	9	SLV(E)	-52.87	-152.63	0.71	10.05	161.53	1.00	23922.00	261450.00	23922.00	>100
3352	60.00	9	SLV(E)	194.78	562.27	0.71	10.05	595.06	1.00	23922.00	261450.00	23922.00	40.201
3353	120.00	9	SLV(E)	733.93	2118.63	0.71	10.05	2242.15	1.00	23922.00	261450.00	23922.00	10.669
3354	180.00	9	SLV(E)	1241.06	3582.55	0.71	10.05	3791.43	1.00	23922.00	261450.00	23922.00	6.309
3355	240.00	9	SLV(E)	1547.95	4468.45	0.71	10.05	4728.98	1.00	23922.00	261450.00	23922.00	5.059
3356	300.00	9	SLV(E)	1608.99	4644.66	0.71	10.05	4915.45	1.00	23922.00	261450.00	23922.00	4.867
3357	360.00	9	SLV(E)	1459.58	4213.35	0.71	10.05	4459.00	1.00	23922.00	261450.00	23922.00	5.365
3358	420.00	9	SLV(E)	1174.93	3391.65	0.71	10.05	3589.39	1.00	23922.00	261450.00	23922.00	6.665
3359	480.00	9	SLV(E)	836.79	2415.55	0.71	10.05	2556.38	1.00	23922.00	261355.00	23922.00	

3361	600.00	9	SLV(E)	262.55	757.90	0.71	10.05	802.09	1.00	23922.00	258058.00	23922.00	29.825
3362	660.00	9	SLV(E)	85.71	247.42	0.71	10.05	261.84	1.00	23922.00	256383.00	23922.00	91.360
3363	720.00	9	SLV(E)	-20.34	-58.72	0.71	10.05	62.14	1.00	23922.00	254713.00	23922.00	>100
3364	780.00	9	SLV(E)	-71.06	-205.14	0.71	10.05	217.10	1.00	23922.00	253056.00	23922.00	>100
3365	840.00	9	SLV(E)	-84.14	-242.87	0.71	10.05	257.03	1.00	23922.00	251419.00	23922.00	93.070
3366	900.00	9	SLV(E)	-75.47	-217.87	0.71	10.05	230.57	1.00	23922.00	249806.00	23922.00	>100
3367	960.00	9	SLV(E)	-57.29	-165.37	0.71	10.05	175.01	1.00	23922.00	248224.00	23922.00	>100
3368	1020.00	9	SLV(E)	-37.63	-108.63	0.71	10.05	114.96	1.00	23922.00	246676.00	23922.00	>100
3369	1080.00	9	SLV(E)	-20.92	-60.38	0.71	10.05	63.90	1.00	23922.00	245167.00	23922.00	>100
3370	1140.00	9	SLV(E)	-8.83	-25.49	0.71	10.05	26.97	1.00	23922.00	243700.00	23922.00	>100
3371	1200.00	9	SLV(E)	-1.34	-3.86	0.71	10.05	4.09	1.00	23922.00	242276.00	23922.00	>100
3372	1260.00	9	SLV(E)	2.46	7.10	0.71	10.05	7.51	1.00	23922.00	240900.00	23922.00	>100
3373	1320.00	9	SLV(E)	3.73	10.76	0.71	10.05	11.39	1.00	23922.00	239571.00	23922.00	>100
3374	1380.00	9	SLV(E)	3.54	10.23	0.71	10.05	10.82	1.00	23922.00	238292.00	23922.00	>100
3375	1440.00	9	SLV(E)	2.71	7.83	0.71	10.05	8.29	1.00	23922.00	237063.00	23922.00	>100
3376	1500.00	9	SLV(E)	1.76	5.07	0.71	10.05	5.37	1.00	23922.00	235884.00	23922.00	>100
3379	1680.00	9	SLV(E)	0.04	0.11	0.71	10.05	0.11	1.00	23922.00	232651.00	23922.00	>100
3380	1740.00	9	SLV(E)	-0.12	-0.35	0.71	10.05	0.37	1.00	23922.00	231672.00	23922.00	>100
3401	0.00	11	SLV(E)	54.99	-152.30	0.71	10.05	161.93	1.00	23922.00	261450.00	23922.00	>100
3402	60.00	11	SLV(E)	-201.96	559.36	0.71	10.05	594.70	1.00	23922.00	261450.00	23922.00	40.225
3403	120.00	11	SLV(E)	-761.34	2108.68	0.71	10.05	2241.91	1.00	23922.00	261450.00	23922.00	10.670
3404	180.00	11	SLV(E)	-1287.51	3566.00	0.71	10.05	3791.31	1.00	23922.00	261450.00	23922.00	6.310
3405	240.00	11	SLV(E)	-1605.94	4447.94	0.71	10.05	4728.98	1.00	23922.00	261450.00	23922.00	5.059
3406	300.00	11	SLV(E)	-1669.29	4623.41	0.71	10.05	4915.54	1.00	23922.00	261450.00	23922.00	4.867
3407	360.00	11	SLV(E)	-1514.30	4194.13	0.71	10.05	4459.13	1.00	23922.00	261450.00	23922.00	5.365
3408	420.00	11	SLV(E)	-1218.99	3376.21	0.71	10.05	3589.53	1.00	23922.00	261450.00	23922.00	6.664
3409	480.00	11	SLV(E)	-868.18	2404.58	0.71	10.05	2556.51	1.00	23922.00	261355.00	23922.00	9.357
3410	540.00	11	SLV(E)	-536.61	1486.25	0.71	10.05	1580.16	1.00	23922.00	259730.00	23922.00	15.139
3411	600.00	11	SLV(E)	-272.41	754.49	0.71	10.05	802.16	1.00	23922.00	258058.00	23922.00	29.822
3412	660.00	11	SLV(E)	-88.93	246.32	0.71	10.05	261.88	1.00	23922.00	256383.00	23922.00	91.346
3413	720.00	11	SLV(E)	21.10	-58.43	0.71	10.05	62.12	1.00	23922.00	254713.00	23922.00	>100
3414	780.00	11	SLV(E)	73.72	-204.19	0.71	10.05	217.09	1.00	23922.00	253056.00	23922.00	>100
3415	840.00	11	SLV(E)	87.29	-241.76	0.71	10.05	257.04	1.00	23922.00	251419.00	23922.00	93.069
3416	900.00	11	SLV(E)	78.30	-216.87	0.71	10.05	230.58	1.00	23922.00	249806.00	23922.00	>100
3417	960.00	11	SLV(E)	59.43	-164.62	0.71	10.05	175.02	1.00	23922.00	248224.00	23922.00	>100
3418	1020.00	11	SLV(E)	39.04	-108.14	0.71	10.05	114.97	1.00	23922.00	246676.00	23922.00	>100
3419	1080.00	11	SLV(E)	21.70	-60.10	0.71	10.05	63.90	1.00	23922.00	245167.00	23922.00	>100
3420	1140.00	11	SLV(E)	9.16	-25.37	0.71	10.05	26.97	1.00	23922.00	243700.00	23922.00	>100
3421	1200.00	11	SLV(E)	1.39	-3.85	0.71	10.05	4.09	1.00	23922.00	242276.00	23922.00	>100
3422	1260.00	11	SLV(E)	-2.55	7.06	0.71	10.05	7.51	1.00	23922.00	240900.00	23922.00	>100
3423	1320.00	11	SLV(E)	-3.87	10.71	0.71	10.05	11.39	1.00	23922.00	239571.00	23922.00	>100
3424	1380.00	11	SLV(E)	-3.68	10.18	0.71	10.05	10.82	1.00	23922.00	238292.00	23922.00	>100
3425	1440.00	11	SLV(E)	-2.82	7.80	0.71	10.05	8.29	1.00	23922.00	237063.00	23922.00	>100
3426	1500.00	11	SLV(E)	-1.82	5.05	0.71	10.05	5.37	1.00	23922.00	235884.00	23922.00	>100
3429	1680.00	11	SLV(E)	-0.04	0.11	0.71	10.05	0.11	1.00	23922.00	232651.00	23922.00	>100
3430	1740.00	11	SLV(E)	0.13	-0.35	0.71	10.05	0.37	1.00	23922.00	231672.00	23922.00	>100
3451	0.00	13	SLV(E)	-53.95	190.46	0.71	10.05	197.96	1.00	23922.00	261450.00	23922.00	>100
3452	60.00	13	SLV(E)	153.73	-542.72	0.71	10.05	564.07	1.00	23922.00	261450.00	23922.00	42.410
3453	120.00	13	SLV(E)	606.16	-2139.92	0.71	10.05	2224.11	1.00	23922.00	261450.00	23922.00	10.756
3454	180.00	13	SLV(E)	1032.38	-3644.56	0.71	10.05	3787.95	1.00	23922.00	261450.00	23922.00	6.315
3455	240.00	13	SLV(E)	1291.24	-4558.40	0.71	10.05	4737.75	1.00	23922.00	261450.00	23922.00	5.049
3456	300.00	13	SLV(E)	1344.23	-4745.46	0.71	10.05	4932.18	1.00	23922.00	261450.00	23922.00	4.850
3457	360.00	13	SLV(E)	1220.73	-4309.48	0.71	10.05	4479.04	1.00	23922.00	261450.00	23922.00	5.341
3458	420.00	13	SLV(E)	983.58	-3472.27	0.71	10.05	3608.88	1.00	23922.00	261450.00	23922.00	6.629
3459	480.00	13	SLV(E)	701.18	-2475.36	0.71	10.05	2572.75	1.00	23922.00	261450.00	23922.00	9.298
3460	540.00	13	SLV(E)	433.93	-1531.88	0.71	10.05	1592.16	1.00	23922.00	261450.00	23922.00	15.025
3461	600.00	13	SLV(E)	220.75	-779.30	0.71	10.05	809.96	1.00	23922.00	261450.00	23922.00	29.535
3462	660.00	13	SLV(E)	72.55	-256.12	0.71	10.05	266.20	1.00	23922.00	261450.00	23922.00	89.866
3463	720.00	13	SLV(E)	-16.45	58.06	0.71	10.05	60.34	1.00	23922.00	261008.00	23922.00	>100
3464	780.00	13	SLV(E)	-59.12	208.71	0.71	10.05	216.92	1.00	23922.00	259058.00	23922.00	>100
3465	840.00	13	SLV(E)	-70.23	247.94	0.71	10.05	257.70	1.00	23922.00	257130.00	23922.00	92.829
3466	900.00	13	SLV(E)	-63.11	222.78	0.71	10.05	231.54	1.00	23922.00	255233.00	23922.00	>100
3467	960.00	13	SLV(E)	-47.95	169.29	0.71	10.05	175.95	1.00	23922.00	253372.00	23922.00	>100
3468	1020.00	13	SLV(E)	-31.54	111.33	0.71	10.05	115.72	1.00	23922.00	251552.00	23922.00	>100
3469	1080.00	13	SLV(E)	-17.56	61.97	0.71	10.05	64.41	1.00	23922.00	249778.00	23922.00	>100
3470	1140.00	13	SLV(E)	-7.43	26.24	0.71	10.05	27.27	1.00	23922.00	248054.00	23922.00	>100
3471	1200.00	13	SLV(E)	-1.15	4.07	0.71	10.05	4.23	1.00	23922.00	246382.00	23922.00	>100
3472	1260.00	13	SLV(E)	2.04	-7.19	0.71	10.05	7.47	1.00	23922.00	244765.00	23922.00	>100
3473	1320.00	13	SLV(E)	3.11	-10.98	0.71	10.05	11.41	1.00	23922.00	243206.00	23922.00	>100
3474	1380.00	13	SLV(E)	2.96	-10.46	0.71	10.05	10.87	1.00	23922.00	241704.00	23922.00	>100
3475	1440.00	13	SLV(E)	2.27	-8.02	0.71	10.05	8.33	1.00	23922.00	240261.00	23922.00	>100
3476	1500.00	13	SLV(E)	1.47	-5.20	0.71	10.05	5.40	1.00	23922.00	238879.00	23922.00	>100
3479	1680.00	13	SLV(E)	0.03	-0.11	0.71	10.05	0.12	1.00	23922.00	235087.00	23922.00	>100
3480	1740.00	13	SLV(E)	-0.10	0.35	0.71	10.05	0.37	1.00	23922.00	233940.00	23922.00	>100
3501	0.00	15	SLV(E)	53.91	190.79	0.71	10.05	198.26	1.00	23922.00	261450.00	23922.00	>100
3502	60.00	15	SLV(E)	-153.31	-542.55	0.71	10.05	563.80	1.00	23922.00	261450.00	23922.00	42.430
3503	120.00	15	SLV(E)	-604.73	-2140.12	0.71	10.05	2223.92	1.00	23922.00	261450.00	23922.00	10.757
3504	180.00	15	SLV(E)	-1030.00	-3645.13	0.71	10.05	3787.86	1.00	23922.00	261450.00	23922.00	6.315
3505	240.00	15	SLV(E)	-1288.29	-4559.22	0.71	10.05	4737.74	1.00	23922.00	261450.00	23922.00	5.049
3506	300.00	15	SLV(E)	-1341.18	-4746.38	0.71	10.05	4932.23	1.00	23922.00	261450.00	23922.00	4.850
3507	360.00	15	SLV(E)	-1217.97	-4310.36	0.71	10.05	4479.13	1.00	23922.00	261450.00	23922.00	5.341
3508	420.00	15	SLV(E)	-981.36	-3473.00	0.71	10.05	3608.99	1.00	23922.00	261450.00	23922.00	6.628
3509	480.00	15	SLV(E)	-699.61	-2475.90	0.71							

3511	600.00	15	SLV(E)	-220.26	-779.49	0.71	10.05	810.01	1.00	23922.00	261450.00	23922.00	29.533
3512	660.00	15	SLV(E)	-72.39	-256.20	0.71	10.05	266.23	1.00	23922.00	261450.00	23922.00	89.855
3513	720.00	15	SLV(E)	16.40	58.05	0.71	10.05	60.33	1.00	23922.00	261008.00	23922.00	>100
3514	780.00	15	SLV(E)	58.98	208.74	0.71	10.05	216.91	1.00	23922.00	259058.00	23922.00	>100
3515	840.00	15	SLV(E)	70.07	247.99	0.71	10.05	257.70	1.00	23922.00	257130.00	23922.00	92.829
3516	900.00	15	SLV(E)	62.96	222.82	0.71	10.05	231.55	1.00	23922.00	255233.00	23922.00	>100
3517	960.00	15	SLV(E)	47.85	169.33	0.71	10.05	175.96	1.00	23922.00	253372.00	23922.00	>100
3518	1020.00	15	SLV(E)	31.47	111.36	0.71	10.05	115.72	1.00	23922.00	251552.00	23922.00	>100
3519	1080.00	15	SLV(E)	17.52	61.99	0.71	10.05	64.42	1.00	23922.00	249778.00	23922.00	>100
3520	1140.00	15	SLV(E)	7.42	26.25	0.71	10.05	27.27	1.00	23922.00	248054.00	23922.00	>100
3521	1200.00	15	SLV(E)	1.15	4.07	0.71	10.05	4.23	1.00	23922.00	246382.00	23922.00	>100
3522	1260.00	15	SLV(E)	-2.03	-7.19	0.71	10.05	7.47	1.00	23922.00	244765.00	23922.00	>100
3523	1320.00	15	SLV(E)	-3.10	-10.98	0.71	10.05	11.41	1.00	23922.00	243206.00	23922.00	>100
3524	1380.00	15	SLV(E)	-2.95	-10.46	0.71	10.05	10.87	1.00	23922.00	241704.00	23922.00	>100
3525	1440.00	15	SLV(E)	-2.27	-8.02	0.71	10.05	8.33	1.00	23922.00	240261.00	23922.00	>100
3526	1500.00	15	SLV(E)	-1.47	-5.20	0.71	10.05	5.40	1.00	23922.00	238879.00	23922.00	>100
3529	1680.00	15	SLV(E)	-0.03	-0.11	0.71	10.05	0.12	1.00	23922.00	235087.00	23922.00	>100
3530	1740.00	15	SLV(E)	0.10	0.35	0.71	10.05	0.37	1.00	23922.00	233940.00	23922.00	>100
3551	0.00	17	SLU	-2361.72	1800.94	0.71	10.05	2970.03	1.00	23922.00	261450.00	23922.00	8.054
3552	60.00	17	SLU	-1343.86	1024.76	0.71	10.05	1690.00	1.00	23922.00	261450.00	23922.00	14.155
3553	120.00	17	SLU	938.53	-715.68	0.71	10.05	1180.27	1.00	23922.00	261450.00	23922.00	20.268
3554	180.00	17	SLU	3230.92	-2463.75	0.71	10.05	4063.11	1.00	23922.00	261450.00	23922.00	5.888
3555	240.00	17	SLU	4826.78	-3680.69	0.71	10.05	6070.03	1.00	23922.00	261450.00	23922.00	3.941
3556	300.00	17	SLU	5479.51	-4178.43	0.71	10.05	6890.89	1.00	23922.00	261450.00	23922.00	3.472
3557	360.00	17	SLU	5266.91	-4016.31	0.71	10.05	6623.52	1.00	23922.00	261450.00	23922.00	3.612
3558	420.00	17	SLU	4444.06	-3388.84	0.71	10.05	5588.73	1.00	23922.00	261450.00	23922.00	4.280
3559	480.00	17	SLU	3316.29	-2528.85	0.71	10.05	4170.47	1.00	23922.00	261450.00	23922.00	5.736
3560	540.00	17	SLU	2170.20	-1654.90	0.71	10.05	2729.19	1.00	23922.00	261450.00	23922.00	8.765
3561	600.00	17	SLU	1206.68	-920.16	0.71	10.05	1517.49	1.00	23922.00	261450.00	23922.00	15.764
3562	660.00	17	SLU	502.52	-383.20	0.71	10.05	631.95	1.00	23922.00	261450.00	23922.00	37.854
3563	720.00	17	SLU	53.03	-40.44	0.71	10.05	66.69	1.00	23922.00	261450.00	23922.00	>100
3564	780.00	17	SLU	-186.01	141.84	0.71	10.05	233.92	1.00	23922.00	261450.00	23922.00	>100
3565	840.00	17	SLU	-273.93	208.88	0.71	10.05	344.48	1.00	23922.00	261450.00	23922.00	69.444
3566	900.00	17	SLU	-268.38	204.66	0.71	10.05	337.51	1.00	23922.00	261450.00	23922.00	70.877
3567	960.00	17	SLU	-216.19	164.86	0.71	10.05	271.88	1.00	23922.00	261450.00	23922.00	87.987
3568	1020.00	17	SLU	-150.06	114.43	0.71	10.05	188.71	1.00	23922.00	261450.00	23922.00	>100
3569	1080.00	17	SLU	-89.33	68.12	0.71	10.05	112.34	1.00	23922.00	261450.00	23922.00	>100
3570	1140.00	17	SLU	-42.82	32.65	0.71	10.05	53.85	1.00	23922.00	261450.00	23922.00	>100
3571	1200.00	17	SLU	-12.25	9.34	0.71	10.05	15.40	1.00	23922.00	261450.00	23922.00	>100
3572	1260.00	17	SLU	4.61	-3.52	0.71	10.05	5.80	1.00	23922.00	261450.00	23922.00	>100
3573	1320.00	17	SLU	11.54	-8.80	0.71	10.05	14.51	1.00	23922.00	261450.00	23922.00	>100
3574	1380.00	17	SLU	12.36	-9.42	0.71	10.05	15.54	1.00	23922.00	261450.00	23922.00	>100
3575	1440.00	17	SLU	10.13	-7.73	0.71	10.05	12.74	1.00	23922.00	261450.00	23922.00	>100
3576	1500.00	17	SLU	6.96	-5.31	0.71	10.05	8.75	1.00	23922.00	261450.00	23922.00	>100
3577	1560.00	17	SLU	4.02	-3.07	0.71	10.05	5.06	1.00	23922.00	261450.00	23922.00	>100
3579	1680.00	17	SLU	0.44	-0.34	0.71	10.05	0.56	1.00	23922.00	261450.00	23922.00	>100
3580	1740.00	17	SLU	-0.27	0.21	0.71	10.05	0.34	1.00	23922.00	261450.00	23922.00	>100
3581	1800.00	17	SLU	-0.52	0.40	0.71	10.05	0.65	1.00	23922.00	261450.00	23922.00	>100
3601	0.00	1	SLV(E)	-188.73	-41.03	0.71	10.05	193.14	1.00	23922.00	261450.00	23922.00	>100
3602	60.00	1	SLV(E)	556.14	120.91	0.71	10.05	569.13	1.00	23922.00	261450.00	23922.00	42.033
3603	120.00	1	SLV(E)	2178.65	473.65	0.71	10.05	2229.54	1.00	23922.00	261450.00	23922.00	10.730
3604	180.00	1	SLV(E)	3706.82	805.89	0.71	10.05	3793.41	1.00	23922.00	261450.00	23922.00	6.306
3605	240.00	1	SLV(E)	4634.48	1007.57	0.71	10.05	4742.74	1.00	23922.00	261450.00	23922.00	5.044
3606	300.00	1	SLV(E)	4823.64	1048.69	0.71	10.05	4936.32	1.00	23922.00	261450.00	23922.00	4.846
3607	360.00	1	SLV(E)	4379.82	952.21	0.71	10.05	4482.13	1.00	23922.00	261450.00	23922.00	5.337
3608	420.00	1	SLV(E)	3528.48	767.12	0.71	10.05	3610.90	1.00	23922.00	261450.00	23922.00	6.625
3609	480.00	1	SLV(E)	2515.09	546.80	0.71	10.05	2573.85	1.00	23922.00	261450.00	23922.00	9.294
3610	540.00	1	SLV(E)	1556.21	338.33	0.71	10.05	1592.56	1.00	23922.00	261450.00	23922.00	15.021
3611	600.00	1	SLV(E)	791.44	172.06	0.71	10.05	809.93	1.00	23922.00	261450.00	23922.00	29.536
3612	660.00	1	SLV(E)	259.87	56.50	0.71	10.05	265.94	1.00	23922.00	260816.00	23922.00	89.953
3613	720.00	1	SLV(E)	-59.29	-12.89	0.71	10.05	60.67	1.00	23922.00	258947.00	23922.00	>100
3614	780.00	1	SLV(E)	-212.27	-46.15	0.71	10.05	217.23	1.00	23922.00	257092.00	23922.00	>100
3615	840.00	1	SLV(E)	-252.06	-54.80	0.71	10.05	257.94	1.00	23922.00	255260.00	23922.00	92.741
3616	900.00	1	SLV(E)	-226.42	-49.23	0.71	10.05	231.71	1.00	23922.00	253456.00	23922.00	>100
3617	960.00	1	SLV(E)	-172.03	-37.40	0.71	10.05	176.05	1.00	23922.00	251686.00	23922.00	>100
3618	1020.00	1	SLV(E)	-113.12	-24.59	0.71	10.05	115.76	1.00	23922.00	249956.00	23922.00	>100
3619	1080.00	1	SLV(E)	-62.96	-13.69	0.71	10.05	64.43	1.00	23922.00	248268.00	23922.00	>100
3620	1140.00	1	SLV(E)	-26.64	-5.79	0.71	10.05	27.27	1.00	23922.00	246628.00	23922.00	>100
3621	1200.00	1	SLV(E)	-4.12	-0.90	0.71	10.05	4.21	1.00	23922.00	245038.00	23922.00	>100
3622	1260.00	1	SLV(E)	7.32	1.59	0.71	10.05	7.49	1.00	23922.00	243500.00	23922.00	>100
3623	1320.00	1	SLV(E)	11.16	2.43	0.71	10.05	11.42	1.00	23922.00	242015.00	23922.00	>100
3624	1380.00	1	SLV(E)	10.63	2.31	0.71	10.05	10.87	1.00	23922.00	240587.00	23922.00	>100
3625	1440.00	1	SLV(E)	8.15	1.77	0.71	10.05	8.34	1.00	23922.00	239214.00	23922.00	>100
3626	1500.00	1	SLV(E)	5.28	1.15	0.71	10.05	5.40	1.00	23922.00	237898.00	23922.00	>100
3629	1680.00	1	SLV(E)	0.12	0.03	0.71	10.05	0.12	1.00	23922.00	234289.00	23922.00	>100
3630	1740.00	1	SLV(E)	-0.36	-0.08	0.71	10.05	0.37	1.00	23922.00	233197.00	23922.00	>100
3651	0.00	3	SLV(E)	-186.71	63.60	0.71	10.05	197.25	1.00	23922.00	261450.00	23922.00	>100
3652	60.00	3	SLV(E)	534.84	-182.19	0.71	10.05	565.02	1.00	23922.00	261450.00	23922.00	42.339
3653	120.00	3	SLV(E)	2106.67	-717.64	0.71	10.05	2225.55	1.00	23922.00	261450.00	23922.00	10.749
3654	180.00	3	SLV(E)	3587.37	-1222.04	0.71	10.05	3789.80	1.00	23922.00	261450.00	23922.00	6.312
3655	240.00	3	SLV(E)	4486.59	-1528.37	0.71	10.05	4739.77	1.00	23922.00	261450.00	23922.00	5.047
3656	300.00	3	SLV(E)	4670.55	-1591.03	0.71	10.05	4934.11	1.00	23922.00	261450.00	23922.00	4.848
3657	360.00	3	SLV(E)	4241.36	-1444.83	0.71	10.05	4480.70	1.00	23922.00			

3659	480.00	3	SLV(E)	2436.12	-829.87	0.71	10.05	2573.59	1.00	23922.00	261450.00	23922.00	9.295
3660	540.00	3	SLV(E)	1507.56	-513.55	0.71	10.05	1592.63	1.00	23922.00	261450.00	23922.00	15.020
3661	600.00	3	SLV(E)	766.89	-261.24	0.71	10.05	810.16	1.00	23922.00	261450.00	23922.00	29.527
3662	660.00	3	SLV(E)	252.00	-85.85	0.71	10.05	266.23	1.00	23922.00	261450.00	23922.00	89.856
3663	720.00	3	SLV(E)	-57.18	19.48	0.71	10.05	60.41	1.00	23922.00	260475.00	23922.00	>100
3664	780.00	3	SLV(E)	-205.43	69.98	0.71	10.05	217.02	1.00	23922.00	258549.00	23922.00	>100
3665	840.00	3	SLV(E)	-244.03	83.13	0.71	10.05	257.81	1.00	23922.00	256646.00	23922.00	92.791
3666	900.00	3	SLV(E)	-219.26	74.69	0.71	10.05	231.63	1.00	23922.00	254773.00	23922.00	>100
3667	960.00	3	SLV(E)	-166.61	56.76	0.71	10.05	176.01	1.00	23922.00	252936.00	23922.00	>100
3668	1020.00	3	SLV(E)	-109.57	37.33	0.71	10.05	115.75	1.00	23922.00	251139.00	23922.00	>100
3669	1080.00	3	SLV(E)	-60.99	20.78	0.71	10.05	64.43	1.00	23922.00	249388.00	23922.00	>100
3670	1140.00	3	SLV(E)	-25.82	8.80	0.71	10.05	27.28	1.00	23922.00	247685.00	23922.00	>100
3671	1200.00	3	SLV(E)	-4.00	1.36	0.71	10.05	4.23	1.00	23922.00	246034.00	23922.00	>100
3672	1260.00	3	SLV(E)	7.08	-2.41	0.71	10.05	7.48	1.00	23922.00	244438.00	23922.00	>100
3673	1320.00	3	SLV(E)	10.80	-3.68	0.71	10.05	11.41	1.00	23922.00	242897.00	23922.00	>100
3674	1380.00	3	SLV(E)	10.29	-3.51	0.71	10.05	10.87	1.00	23922.00	241415.00	23922.00	>100
3675	1440.00	3	SLV(E)	7.89	-2.69	0.71	10.05	8.34	1.00	23922.00	239990.00	23922.00	>100
3676	1500.00	3	SLV(E)	5.12	-1.74	0.71	10.05	5.40	1.00	23922.00	238625.00	23922.00	>100
3679	1680.00	3	SLV(E)	0.11	-0.04	0.71	10.05	0.12	1.00	23922.00	234880.00	23922.00	>100
3680	1740.00	3	SLV(E)	-0.35	0.12	0.71	10.05	0.37	1.00	23922.00	233748.00	23922.00	>100
3701	0.00	5	SLV(E)	165.12	-32.12	0.71	10.05	168.22	1.00	23922.00	261450.00	23922.00	>100
3702	60.00	5	SLV(E)	-578.82	112.60	0.71	10.05	589.67	1.00	23922.00	261450.00	23922.00	40.568
3703	120.00	5	SLV(E)	-2198.59	427.70	0.71	10.05	2239.80	1.00	23922.00	261450.00	23922.00	10.680
3704	180.00	5	SLV(E)	-3722.58	724.16	0.71	10.05	3792.36	1.00	23922.00	261450.00	23922.00	6.308
3705	240.00	5	SLV(E)	-4645.44	903.69	0.71	10.05	4732.52	1.00	23922.00	261450.00	23922.00	5.055
3706	300.00	5	SLV(E)	-4829.98	939.59	0.71	10.05	4920.52	1.00	23922.00	261450.00	23922.00	4.862
3707	360.00	5	SLV(E)	-4382.33	852.51	0.71	10.05	4464.48	1.00	23922.00	261450.00	23922.00	5.358
3708	420.00	5	SLV(E)	-3528.27	686.37	0.71	10.05	3594.41	1.00	23922.00	261450.00	23922.00	6.655
3709	480.00	5	SLV(E)	-2513.30	488.92	0.71	10.05	2560.41	1.00	23922.00	261450.00	23922.00	9.343
3710	540.00	5	SLV(E)	-1553.78	302.26	0.71	10.05	1582.91	1.00	23922.00	260339.00	23922.00	15.113
3711	600.00	5	SLV(E)	-789.06	153.50	0.71	10.05	803.85	1.00	23922.00	258642.00	23922.00	29.759
3712	660.00	5	SLV(E)	-257.91	50.17	0.71	10.05	262.74	1.00	23922.00	256942.00	23922.00	91.048
3713	720.00	5	SLV(E)	60.70	-11.81	0.71	10.05	61.84	1.00	23922.00	255247.00	23922.00	>100
3714	780.00	5	SLV(E)	213.16	-41.47	0.71	10.05	217.16	1.00	23922.00	253565.00	23922.00	>100
3715	840.00	5	SLV(E)	252.53	-49.12	0.71	10.05	257.26	1.00	23922.00	251903.00	23922.00	92.988
3716	900.00	5	SLV(E)	226.59	-44.08	0.71	10.05	230.84	1.00	23922.00	250266.00	23922.00	>100
3717	960.00	5	SLV(E)	172.03	-33.47	0.71	10.05	175.25	1.00	23922.00	248660.00	23922.00	>100
3718	1020.00	5	SLV(E)	113.03	-21.99	0.71	10.05	115.15	1.00	23922.00	247090.00	23922.00	>100
3719	1080.00	5	SLV(E)	62.84	-12.22	0.71	10.05	64.02	1.00	23922.00	245558.00	23922.00	>100
3720	1140.00	5	SLV(E)	26.54	-5.16	0.71	10.05	27.04	1.00	23922.00	244069.00	23922.00	>100
3721	1200.00	5	SLV(E)	4.04	-0.79	0.71	10.05	4.12	1.00	23922.00	242624.00	23922.00	>100
3722	1260.00	5	SLV(E)	-7.37	1.43	0.71	10.05	7.51	1.00	23922.00	241227.00	23922.00	>100
3723	1320.00	5	SLV(E)	-11.19	2.18	0.71	10.05	11.40	1.00	23922.00	239879.00	23922.00	>100
3724	1380.00	5	SLV(E)	-10.64	2.07	0.71	10.05	10.84	1.00	23922.00	238581.00	23922.00	>100
3725	1440.00	5	SLV(E)	-8.15	1.59	0.71	10.05	8.30	1.00	23922.00	237334.00	23922.00	>100
3726	1500.00	5	SLV(E)	-5.28	1.03	0.71	10.05	5.38	1.00	23922.00	236138.00	23922.00	>100
3729	1680.00	5	SLV(E)	-0.11	0.02	0.71	10.05	0.11	1.00	23922.00	232857.00	23922.00	>100
3730	1740.00	5	SLV(E)	0.36	-0.07	0.71	10.05	0.37	1.00	23922.00	231864.00	23922.00	>100
3751	0.00	7	SLV(E)	167.14	72.51	0.71	10.05	182.19	1.00	23922.00	261450.00	23922.00	>100
3752	60.00	7	SLV(E)	-530.60	-230.20	0.71	10.05	578.38	1.00	23922.00	261450.00	23922.00	41.360
3753	120.00	7	SLV(E)	-2050.16	-889.45	0.71	10.05	2234.79	1.00	23922.00	261450.00	23922.00	10.704
3754	180.00	7	SLV(E)	-3480.70	-1510.09	0.71	10.05	3794.16	1.00	23922.00	261450.00	23922.00	6.305
3755	240.00	7	SLV(E)	-4348.17	-1886.44	0.71	10.05	4739.75	1.00	23922.00	261450.00	23922.00	5.047
3756	300.00	7	SLV(E)	-4523.54	-1962.53	0.71	10.05	4930.92	1.00	23922.00	261450.00	23922.00	4.851
3757	360.00	7	SLV(E)	-4106.00	-1781.37	0.71	10.05	4475.77	1.00	23922.00	261450.00	23922.00	5.345
3758	420.00	7	SLV(E)	-3306.96	-1434.72	0.71	10.05	3604.78	1.00	23922.00	261450.00	23922.00	6.636
3759	480.00	7	SLV(E)	-2356.52	-1022.37	0.71	10.05	2568.74	1.00	23922.00	261450.00	23922.00	9.313
3760	540.00	7	SLV(E)	-1457.55	-632.35	0.71	10.05	1588.81	1.00	23922.00	261450.00	23922.00	15.057
3761	600.00	7	SLV(E)	-740.79	-321.39	0.71	10.05	807.50	1.00	23922.00	260314.00	23922.00	29.625
3762	660.00	7	SLV(E)	-242.75	-105.32	0.71	10.05	264.61	1.00	23922.00	258542.00	23922.00	90.404
3763	720.00	7	SLV(E)	56.15	24.36	0.71	10.05	61.21	1.00	23922.00	256775.00	23922.00	>100
3764	780.00	7	SLV(E)	199.32	86.47	0.71	10.05	217.27	1.00	23922.00	255022.00	23922.00	>100
3765	840.00	7	SLV(E)	236.43	102.58	0.71	10.05	257.73	1.00	23922.00	253289.00	23922.00	92.820
3766	900.00	7	SLV(E)	212.28	92.10	0.71	10.05	231.40	1.00	23922.00	251583.00	23922.00	>100
3767	960.00	7	SLV(E)	161.23	69.95	0.71	10.05	175.75	1.00	23922.00	249910.00	23922.00	>100
3768	1020.00	7	SLV(E)	105.98	45.98	0.71	10.05	115.53	1.00	23922.00	248273.00	23922.00	>100
3769	1080.00	7	SLV(E)	58.96	25.58	0.71	10.05	64.27	1.00	23922.00	246677.00	23922.00	>100
3770	1140.00	7	SLV(E)	24.93	10.82	0.71	10.05	27.17	1.00	23922.00	245126.00	23922.00	>100
3771	1200.00	7	SLV(E)	3.83	1.66	0.71	10.05	4.17	1.00	23922.00	243621.00	23922.00	>100
3772	1260.00	7	SLV(E)	-6.88	-2.98	0.71	10.05	7.50	1.00	23922.00	242166.00	23922.00	>100
3773	1320.00	7	SLV(E)	-10.47	-4.54	0.71	10.05	11.41	1.00	23922.00	240761.00	23922.00	>100
3774	1380.00	7	SLV(E)	-9.96	-4.32	0.71	10.05	10.86	1.00	23922.00	239409.00	23922.00	>100
3775	1440.00	7	SLV(E)	-7.64	-3.31	0.71	10.05	8.32	1.00	23922.00	238110.00	23922.00	>100
3776	1500.00	7	SLV(E)	-4.95	-2.15	0.71	10.05	5.39	1.00	23922.00	236865.00	23922.00	>100
3779	1680.00	7	SLV(E)	-0.11	-0.05	0.71	10.05	0.12	1.00	23922.00	233448.00	23922.00	>100
3780	1740.00	7	SLV(E)	0.34	0.15	0.71	10.05	0.37	1.00	23922.00	232415.00	23922.00	>100
3801	0.00	9	SLV(E)	-67.24	-159.99	0.71	10.05	173.55	1.00	23922.00	261450.00	23922.00	>100
3802	60.00	9	SLV(E)	226.85	539.74	0.71	10.05	585.48	1.00	23922.00	261450.00	23922.00	40.859
3803	120.00	9	SLV(E)	867.25	2063.40	0.71	10.05	2238.24	1.00	23922.00	261450.00	23922.00	10.688
3804	180.00	9	SLV(E)	1469.91	3497.28	0.71	10.05	3793.63	1.00	23922.00	261450.00	23922.00	6.306
3805	240.00	9	SLV(E)	1835.05	4366.03	0.71	10.05	4736.00	1.00	23922.00	261450.00	23922.00	5.051
3806	300.00	9	SLV(E)	1908.37	4540.48	0.71	10.05	4925.23	1.00	23922.00	261450.00	23922.00	4.857
3807	360.00	9	SLV(E)	1731.77	4120.31	0.71	10.05	4469.46	1.00	23922.00	261450.00	23922.	

3809	480.00	9	SLV(E)	993.46	2363.68	0.71	10.05	2563.97	1.00	23922.00	261450.00	23922.00	9.330
3810	540.00	9	SLV(E)	614.29	1461.54	0.71	10.05	1585.39	1.00	23922.00	261050.00	23922.00	15.089
3811	600.00	9	SLV(E)	312.05	742.45	0.71	10.05	805.36	1.00	23922.00	259323.00	23922.00	29.703
3812	660.00	9	SLV(E)	102.09	242.91	0.71	10.05	263.49	1.00	23922.00	257593.00	23922.00	90.788
3813	720.00	9	SLV(E)	-23.87	-56.80	0.71	10.05	61.61	1.00	23922.00	255869.00	23922.00	>100
3814	780.00	9	SLV(E)	-84.17	-200.26	0.71	10.05	217.23	1.00	23922.00	254159.00	23922.00	>100
3815	840.00	9	SLV(E)	-99.76	-237.36	0.71	10.05	257.48	1.00	23922.00	252468.00	23922.00	92.910
3816	900.00	9	SLV(E)	-89.54	-213.04	0.71	10.05	231.09	1.00	23922.00	250803.00	23922.00	>100
3817	960.00	9	SLV(E)	-67.99	-161.76	0.71	10.05	175.47	1.00	23922.00	249169.00	23922.00	>100
3818	1020.00	9	SLV(E)	-44.68	-106.30	0.71	10.05	115.31	1.00	23922.00	247572.00	23922.00	>100
3819	1080.00	9	SLV(E)	-24.85	-59.11	0.71	10.05	64.12	1.00	23922.00	246014.00	23922.00	>100
3820	1140.00	9	SLV(E)	-10.50	-24.98	0.71	10.05	27.09	1.00	23922.00	244499.00	23922.00	>100
3821	1200.00	9	SLV(E)	-1.60	-3.81	0.71	10.05	4.14	1.00	23922.00	243031.00	23922.00	>100
3822	1260.00	9	SLV(E)	2.91	6.92	0.71	10.05	7.50	1.00	23922.00	241610.00	23922.00	>100
3823	1320.00	9	SLV(E)	4.42	10.51	0.71	10.05	11.41	1.00	23922.00	240239.00	23922.00	>100
3824	1380.00	9	SLV(E)	4.20	10.00	0.71	10.05	10.85	1.00	23922.00	238918.00	23922.00	>100
3825	1440.00	9	SLV(E)	3.22	7.66	0.71	10.05	8.31	1.00	23922.00	237650.00	23922.00	>100
3826	1500.00	9	SLV(E)	2.09	4.96	0.71	10.05	5.38	1.00	23922.00	236434.00	23922.00	>100
3829	1680.00	9	SLV(E)	0.04	0.11	0.71	10.05	0.11	1.00	23922.00	233098.00	23922.00	>100
3830	1740.00	9	SLV(E)	-0.14	-0.34	0.71	10.05	0.37	1.00	23922.00	232089.00	23922.00	>100
3851	0.00	11	SLV(E)	38.91	-157.31	0.71	10.05	162.06	1.00	23922.00	261450.00	23922.00	>100
3852	60.00	11	SLV(E)	-142.78	577.24	0.71	10.05	594.64	1.00	23922.00	261450.00	23922.00	40.230
3853	120.00	11	SLV(E)	-538.35	2176.40	0.71	10.05	2241.99	1.00	23922.00	261450.00	23922.00	10.670
3854	180.00	11	SLV(E)	-910.42	3680.61	0.71	10.05	3791.54	1.00	23922.00	261450.00	23922.00	6.309
3855	240.00	11	SLV(E)	-1135.60	4590.94	0.71	10.05	4729.30	1.00	23922.00	261450.00	23922.00	5.058
3856	300.00	11	SLV(E)	-1180.40	4772.08	0.71	10.05	4915.90	1.00	23922.00	261450.00	23922.00	4.866
3857	360.00	11	SLV(E)	-1070.81	4329.01	0.71	10.05	4459.48	1.00	23922.00	261450.00	23922.00	5.364
3858	420.00	11	SLV(E)	-861.99	3484.80	0.71	10.05	3589.82	1.00	23922.00	261450.00	23922.00	6.664
3859	480.00	11	SLV(E)	-613.92	2481.92	0.71	10.05	2556.72	1.00	23922.00	261410.00	23922.00	9.357
3860	540.00	11	SLV(E)	-379.46	1534.06	0.71	10.05	1580.30	1.00	23922.00	259782.00	23922.00	15.138
3861	600.00	11	SLV(E)	-192.63	778.77	0.71	10.05	802.24	1.00	23922.00	258108.00	23922.00	29.819
3862	660.00	11	SLV(E)	-62.89	254.25	0.71	10.05	261.92	1.00	23922.00	256431.00	23922.00	91.335
3863	720.00	11	SLV(E)	14.92	-60.30	0.71	10.05	62.12	1.00	23922.00	254759.00	23922.00	>100
3864	780.00	11	SLV(E)	52.13	-210.75	0.71	10.05	217.11	1.00	23922.00	253100.00	23922.00	>100
3865	840.00	11	SLV(E)	61.72	-249.53	0.71	10.05	257.05	1.00	23922.00	251461.00	23922.00	93.063
3866	900.00	11	SLV(E)	55.37	-223.85	0.71	10.05	230.59	1.00	23922.00	249846.00	23922.00	>100
3867	960.00	11	SLV(E)	42.03	-169.91	0.71	10.05	175.03	1.00	23922.00	248262.00	23922.00	>100
3868	1020.00	11	SLV(E)	27.61	-111.61	0.71	10.05	114.98	1.00	23922.00	246712.00	23922.00	>100
3869	1080.00	11	SLV(E)	15.35	-62.04	0.71	10.05	63.91	1.00	23922.00	245201.00	23922.00	>100
3870	1140.00	11	SLV(E)	6.48	-26.19	0.71	10.05	26.98	1.00	23922.00	243732.00	23922.00	>100
3871	1200.00	11	SLV(E)	0.98	-3.97	0.71	10.05	4.09	1.00	23922.00	242306.00	23922.00	>100
3872	1260.00	11	SLV(E)	-1.80	7.29	0.71	10.05	7.51	1.00	23922.00	240928.00	23922.00	>100
3873	1320.00	11	SLV(E)	-2.73	11.06	0.71	10.05	11.39	1.00	23922.00	239598.00	23922.00	>100
3874	1380.00	11	SLV(E)	-2.60	10.51	0.71	10.05	10.83	1.00	23922.00	238317.00	23922.00	>100
3875	1440.00	11	SLV(E)	-1.99	8.05	0.71	10.05	8.29	1.00	23922.00	237086.00	23922.00	>100
3876	1500.00	11	SLV(E)	-1.29	5.21	0.71	10.05	5.37	1.00	23922.00	235906.00	23922.00	>100
3879	1680.00	11	SLV(E)	-0.03	0.11	0.71	10.05	0.11	1.00	23922.00	232668.00	23922.00	>100
3880	1740.00	11	SLV(E)	0.09	-0.36	0.71	10.05	0.37	1.00	23922.00	231689.00	23922.00	>100
3901	0.00	13	SLV(E)	-60.50	188.80	0.71	10.05	198.26	1.00	23922.00	261450.00	23922.00	>100
3902	60.00	13	SLV(E)	172.07	-536.94	0.71	10.05	563.84	1.00	23922.00	261450.00	23922.00	42.427
3903	120.00	13	SLV(E)	678.73	-2117.92	0.71	10.05	2224.02	1.00	23922.00	261450.00	23922.00	10.756
3904	180.00	13	SLV(E)	1156.03	-3607.31	0.71	10.05	3788.02	1.00	23922.00	261450.00	23922.00	6.315
3905	240.00	13	SLV(E)	1445.93	-4511.91	0.71	10.05	4737.93	1.00	23922.00	261450.00	23922.00	5.049
3906	300.00	13	SLV(E)	1505.28	-4697.12	0.71	10.05	4932.43	1.00	23922.00	261450.00	23922.00	4.850
3907	360.00	13	SLV(E)	1367.00	-4265.62	0.71	10.05	4479.31	1.00	23922.00	261450.00	23922.00	5.341
3908	420.00	13	SLV(E)	1101.44	-3436.95	0.71	10.05	3609.13	1.00	23922.00	261450.00	23922.00	6.628
3909	480.00	13	SLV(E)	785.21	-2450.20	0.71	10.05	2572.94	1.00	23922.00	261450.00	23922.00	9.298
3910	540.00	13	SLV(E)	485.94	-1516.33	0.71	10.05	1592.29	1.00	23922.00	261450.00	23922.00	15.024
3911	600.00	13	SLV(E)	247.21	-771.40	0.71	10.05	810.04	1.00	23922.00	261450.00	23922.00	29.532
3912	660.00	13	SLV(E)	81.25	-253.54	0.71	10.05	266.24	1.00	23922.00	261450.00	23922.00	89.852
3913	720.00	13	SLV(E)	-18.41	57.45	0.71	10.05	60.33	1.00	23922.00	260962.00	23922.00	>100
3914	780.00	13	SLV(E)	-66.20	206.57	0.71	10.05	216.92	1.00	23922.00	259014.00	23922.00	>100
3915	840.00	13	SLV(E)	-78.65	245.42	0.71	10.05	257.71	1.00	23922.00	257088.00	23922.00	92.825
3916	900.00	13	SLV(E)	-70.67	220.51	0.71	10.05	231.56	1.00	23922.00	255193.00	23922.00	>100
3917	960.00	13	SLV(E)	-53.70	167.57	0.71	10.05	175.96	1.00	23922.00	253334.00	23922.00	>100
3918	1020.00	13	SLV(E)	-35.32	110.20	0.71	10.05	115.72	1.00	23922.00	251517.00	23922.00	>100
3919	1080.00	13	SLV(E)	-19.66	61.35	0.71	10.05	64.42	1.00	23922.00	249745.00	23922.00	>100
3920	1140.00	13	SLV(E)	-8.32	25.97	0.71	10.05	27.28	1.00	23922.00	248022.00	23922.00	>100
3921	1200.00	13	SLV(E)	-1.29	4.03	0.71	10.05	4.23	1.00	23922.00	246352.00	23922.00	>100
3922	1260.00	13	SLV(E)	2.28	-7.12	0.71	10.05	7.47	1.00	23922.00	244737.00	23922.00	>100
3923	1320.00	13	SLV(E)	3.48	-10.87	0.71	10.05	11.41	1.00	23922.00	243179.00	23922.00	>100
3924	1380.00	13	SLV(E)	3.32	-10.35	0.71	10.05	10.87	1.00	23922.00	241679.00	23922.00	>100
3925	1440.00	13	SLV(E)	2.54	-7.94	0.71	10.05	8.33	1.00	23922.00	240238.00	23922.00	>100
3926	1500.00	13	SLV(E)	1.65	-5.15	0.71	10.05	5.40	1.00	23922.00	238857.00	23922.00	>100
3929	1680.00	13	SLV(E)	0.04	-0.11	0.71	10.05	0.12	1.00	23922.00	235069.00	23922.00	>100
3930	1740.00	13	SLV(E)	-0.11	0.35	0.71	10.05	0.37	1.00	23922.00	233923.00	23922.00	>100
3951	0.00	15	SLV(E)	45.65	191.47	0.71	10.05	196.84	1.00	23922.00	261450.00	23922.00	>100
3952	60.00	15	SLV(E)	-131.19	-550.22	0.71	10.05	565.65	1.00	23922.00	261450.00	23922.00	42.291
3953	120.00	15	SLV(E)	-516.42	-2165.92	0.71	10.05	2226.64	1.00	23922.00	261450.00	23922.00	10.744
3954	180.00	15	SLV(E)	-879.31	-3687.91	0.71	10.05	3791.29	1.00	23922.00	261450.00	23922.00	6.310
3955	240.00	15	SLV(E)	-1099.69	-4612.17	0.71	10.05	4741.46	1.00	23922.00	261450.00	23922.00	5.045
3956	300.00	15	SLV(E)	-1144.75	-4801.19	0.71	10.05	4935.77	1.00	23922.00	261450.00	23922.00	4.847
3957	360.00	15	SLV(E)	-1039.54	-4359.92	0.71							

3959	480.00	15	SLV(E)	-597.07	-2504.16	0.71	10.05	2574.36	1.00	23922.00	261450.00	23922.00	9.292
3960	540.00	15	SLV(E)	-369.48	-1549.64	0.71	10.05	1593.08	1.00	23922.00	261450.00	23922.00	15.016
3961	600.00	15	SLV(E)	-187.95	-788.27	0.71	10.05	810.37	1.00	23922.00	261450.00	23922.00	29.520
3962	660.00	15	SLV(E)	-61.76	-259.01	0.71	10.05	266.27	1.00	23922.00	261450.00	23922.00	89.841
3963	720.00	15	SLV(E)	14.02	58.81	0.71	10.05	60.46	1.00	23922.00	259852.00	23922.00	>100
3964	780.00	15	SLV(E)	50.35	211.19	0.71	10.05	217.11	1.00	23922.00	257955.00	23922.00	>100
3965	840.00	15	SLV(E)	59.81	250.86	0.71	10.05	257.89	1.00	23922.00	256081.00	23922.00	92.759
3966	900.00	15	SLV(E)	53.74	225.39	0.71	10.05	231.70	1.00	23922.00	254236.00	23922.00	>100
3967	960.00	15	SLV(E)	40.84	171.27	0.71	10.05	176.07	1.00	23922.00	252427.00	23922.00	>100
3968	1020.00	15	SLV(E)	26.85	112.63	0.71	10.05	115.79	1.00	23922.00	250657.00	23922.00	>100
3969	1080.00	15	SLV(E)	14.95	62.69	0.71	10.05	64.45	1.00	23922.00	248932.00	23922.00	>100
3970	1140.00	15	SLV(E)	6.33	26.54	0.71	10.05	27.29	1.00	23922.00	247254.00	23922.00	>100
3971	1200.00	15	SLV(E)	0.98	4.11	0.71	10.05	4.23	1.00	23922.00	245628.00	23922.00	>100
3972	1260.00	15	SLV(E)	-1.73	-7.28	0.71	10.05	7.48	1.00	23922.00	244055.00	23922.00	>100
3973	1320.00	15	SLV(E)	-2.65	-11.11	0.71	10.05	11.42	1.00	23922.00	242538.00	23922.00	>100
3974	1380.00	15	SLV(E)	-2.52	-10.58	0.71	10.05	10.87	1.00	23922.00	241077.00	23922.00	>100
3975	1440.00	15	SLV(E)	-1.93	-8.11	0.71	10.05	8.34	1.00	23922.00	239674.00	23922.00	>100
3976	1500.00	15	SLV(E)	-1.25	-5.26	0.71	10.05	5.41	1.00	23922.00	238329.00	23922.00	>100
3979	1680.00	15	SLV(E)	-0.03	-0.12	0.71	10.05	0.12	1.00	23922.00	234639.00	23922.00	>100
3980	1740.00	15	SLV(E)	0.09	0.36	0.71	10.05	0.37	1.00	23922.00	233523.00	23922.00	>100
4001	0.00	17	SLU	-1985.72	767.12	0.71	10.05	2128.75	1.00	23922.00	261450.00	23922.00	11.238
4002	60.00	17	SLU	-887.24	342.75	0.71	10.05	951.14	1.00	23922.00	261450.00	23922.00	25.151
4003	120.00	17	SLU	1558.47	-602.06	0.71	10.05	1670.72	1.00	23922.00	261450.00	23922.00	14.318
4004	180.00	17	SLU	3977.80	-1536.69	0.71	10.05	4264.30	1.00	23922.00	261450.00	23922.00	5.610
4005	240.00	17	SLU	5612.23	-2168.10	0.71	10.05	6016.46	1.00	23922.00	261450.00	23922.00	3.976
4006	300.00	17	SLU	6211.14	-2399.47	0.71	10.05	6658.51	1.00	23922.00	261450.00	23922.00	3.593
4007	360.00	17	SLU	5876.28	-2270.11	0.71	10.05	6299.53	1.00	23922.00	261450.00	23922.00	3.797
4008	420.00	17	SLU	4897.12	-1891.84	0.71	10.05	5249.85	1.00	23922.00	261450.00	23922.00	4.557
4009	480.00	17	SLU	3611.24	-1395.08	0.71	10.05	3871.34	1.00	23922.00	261450.00	23922.00	6.179
4010	540.00	17	SLU	2330.42	-900.28	0.71	10.05	2498.27	1.00	23922.00	261450.00	23922.00	9.575
4011	600.00	17	SLU	1268.76	-490.14	0.71	10.05	1360.14	1.00	23922.00	261450.00	23922.00	17.588
4012	660.00	17	SLU	502.87	-194.27	0.71	10.05	539.09	1.00	23922.00	261450.00	23922.00	44.375
4013	720.00	17	SLU	21.36	-8.25	0.71	10.05	22.90	1.00	23922.00	261450.00	23922.00	>100
4014	780.00	17	SLU	-228.59	88.31	0.71	10.05	245.06	1.00	23922.00	261450.00	23922.00	97.619
4015	840.00	17	SLU	-314.49	121.49	0.71	10.05	337.14	1.00	23922.00	261450.00	23922.00	70.955
4016	900.00	17	SLU	-300.62	116.14	0.71	10.05	322.27	1.00	23922.00	261450.00	23922.00	74.229
4017	960.00	17	SLU	-238.37	92.09	0.71	10.05	255.54	1.00	23922.00	261450.00	23922.00	93.612
4018	1020.00	17	SLU	-163.16	63.03	0.71	10.05	174.91	1.00	23922.00	261450.00	23922.00	>100
4019	1080.00	17	SLU	-95.53	36.90	0.71	10.05	102.41	1.00	23922.00	261450.00	23922.00	>100
4020	1140.00	17	SLU	-44.50	17.19	0.71	10.05	47.70	1.00	23922.00	261450.00	23922.00	>100
4021	1200.00	17	SLU	-11.45	4.42	0.71	10.05	12.27	1.00	23922.00	261450.00	23922.00	>100
4022	1260.00	17	SLU	6.42	-2.48	0.71	10.05	6.88	1.00	23922.00	261450.00	23922.00	>100
4023	1320.00	17	SLU	13.45	-5.20	0.71	10.05	14.42	1.00	23922.00	261450.00	23922.00	>100
4024	1380.00	17	SLU	13.91	-5.38	0.71	10.05	14.92	1.00	23922.00	261450.00	23922.00	>100
4025	1440.00	17	SLU	11.20	-4.33	0.71	10.05	12.01	1.00	23922.00	261450.00	23922.00	>100
4026	1500.00	17	SLU	7.58	-2.93	0.71	10.05	8.13	1.00	23922.00	261450.00	23922.00	>100
4027	1560.00	17	SLU	4.31	-1.66	0.71	10.05	4.62	1.00	23922.00	261450.00	23922.00	>100
4029	1680.00	17	SLU	0.40	-0.15	0.71	10.05	0.43	1.00	23922.00	261450.00	23922.00	>100
4030	1740.00	17	SLU	-0.35	0.14	0.71	10.05	0.38	1.00	23922.00	261450.00	23922.00	>100
4031	1800.00	17	SLU	-0.60	0.23	0.71	10.05	0.64	1.00	23922.00	261450.00	23922.00	>100
4051	0.00	1	SLV(E)	-190.88	-50.26	0.71	10.05	197.38	1.00	23922.00	261450.00	23922.00	>100
4052	60.00	1	SLV(E)	546.23	143.84	0.71	10.05	525.85	1.00	23922.00	261450.00	23922.00	42.351
4053	120.00	1	SLV(E)	2151.95	566.68	0.71	10.05	2225.31	1.00	23922.00	261450.00	23922.00	10.750
4054	180.00	1	SLV(E)	3664.59	965.00	0.71	10.05	3789.52	1.00	23922.00	261450.00	23922.00	6.313
4055	240.00	1	SLV(E)	4583.22	1206.91	0.71	10.05	4739.47	1.00	23922.00	261450.00	23922.00	5.047
4056	300.00	1	SLV(E)	4771.18	1256.41	0.71	10.05	4933.83	1.00	23922.00	261450.00	23922.00	4.849
4057	360.00	1	SLV(E)	4332.75	1140.95	0.71	10.05	4480.46	1.00	23922.00	261450.00	23922.00	5.339
4058	420.00	1	SLV(E)	3490.96	919.28	0.71	10.05	3609.97	1.00	23922.00	261450.00	23922.00	6.627
4059	480.00	1	SLV(E)	2488.64	655.34	0.71	10.05	2573.48	1.00	23922.00	261450.00	23922.00	9.296
4060	540.00	1	SLV(E)	1540.07	405.55	0.71	10.05	1592.57	1.00	23922.00	261450.00	23922.00	15.021
4061	600.00	1	SLV(E)	783.43	206.30	0.71	10.05	810.14	1.00	23922.00	261450.00	23922.00	29.528
4062	660.00	1	SLV(E)	257.45	67.79	0.71	10.05	266.23	1.00	23922.00	261450.00	23922.00	89.856
4063	720.00	1	SLV(E)	-58.41	-15.38	0.71	10.05	60.40	1.00	23922.00	260563.00	23922.00	>100
4064	780.00	1	SLV(E)	-209.85	-55.26	0.71	10.05	217.01	1.00	23922.00	258633.00	23922.00	>100
4065	840.00	1	SLV(E)	-249.29	-65.65	0.71	10.05	257.79	1.00	23922.00	256726.00	23922.00	92.796
4066	900.00	1	SLV(E)	-223.98	-58.98	0.71	10.05	231.62	1.00	23922.00	254849.00	23922.00	>100
4067	960.00	1	SLV(E)	-170.20	-44.82	0.71	10.05	176.00	1.00	23922.00	253007.00	23922.00	>100
4068	1020.00	1	SLV(E)	-111.93	-29.48	0.71	10.05	115.75	1.00	23922.00	251207.00	23922.00	>100
4069	1080.00	1	SLV(E)	-62.31	-16.41	0.71	10.05	64.43	1.00	23922.00	249452.00	23922.00	>100
4070	1140.00	1	SLV(E)	-26.38	-6.95	0.71	10.05	27.28	1.00	23922.00	247746.00	23922.00	>100
4071	1200.00	1	SLV(E)	-4.09	-1.08	0.71	10.05	4.23	1.00	23922.00	246091.00	23922.00	>100
4072	1260.00	1	SLV(E)	7.23	1.90	0.71	10.05	7.48	1.00	23922.00	244492.00	23922.00	>100
4073	1320.00	1	SLV(E)	11.04	2.91	0.71	10.05	11.41	1.00	23922.00	242948.00	23922.00	>100
4074	1380.00	1	SLV(E)	10.51	2.77	0.71	10.05	10.87	1.00	23922.00	241462.00	23922.00	>100
4075	1440.00	1	SLV(E)	8.06	2.12	0.71	10.05	8.34	1.00	23922.00	240035.00	23922.00	>100
4076	1500.00	1	SLV(E)	5.23	1.38	0.71	10.05	5.40	1.00	23922.00	238667.00	23922.00	>100
4079	1680.00	1	SLV(E)	0.11	0.03	0.71	10.05	0.12	1.00	23922.00	234914.00	23922.00	>100
4080	1740.00	1	SLV(E)	-0.36	-0.09	0.71	10.05	0.37	1.00	23922.00	233779.00	23922.00	>100
4101	0.00	3	SLV(E)	-189.75	57.13	0.71	10.05	198.17	1.00	23922.00	261450.00	23922.00	>100
4102	60.00	3	SLV(E)	539.85	-162.53	0.71	10.05	563.79	1.00	23922.00	261450.00	23922.00	42.431
4103	120.00	3	SLV(E)	2129.27	-641.06	0.71	10.05	2223.68	1.00	23922.00	261450.00	23922.00	10.758
4104	180.00	3	SLV(E)	3626.60	-1091.86	0.71	10.05	3787.39	1.00	23922.00	261450.00	23922.00	6.316
4105	240.00	3	SLV(E)	4536.02	-1365.65	0.71	10.05	4737.14	1.00	23922.00			

4107	360.00	3	SLV(E)	4288.40	-1291.11	0.71	10.05	4478.54	1.00	23922.00	261450.00	23922.00	5.341
4108	420.00	3	SLV(E)	3455.30	-1040.28	0.71	10.05	3608.50	1.00	23922.00	261450.00	23922.00	6.629
4109	480.00	3	SLV(E)	2463.28	-741.62	0.71	10.05	2572.49	1.00	23922.00	261450.00	23922.00	9.299
4110	540.00	3	SLV(E)	1524.42	-458.96	0.71	10.05	1592.01	1.00	23922.00	261450.00	23922.00	15.026
4111	600.00	3	SLV(E)	775.51	-233.48	0.71	10.05	809.90	1.00	23922.00	261450.00	23922.00	29.537
4112	660.00	3	SLV(E)	254.89	-76.74	0.71	10.05	266.19	1.00	23922.00	261450.00	23922.00	89.869
4113	720.00	3	SLV(E)	-57.76	17.39	0.71	10.05	60.32	1.00	23922.00	261147.00	23922.00	>100
4114	780.00	3	SLV(E)	-207.68	62.53	0.71	10.05	216.89	1.00	23922.00	259190.00	23922.00	>100
4115	840.00	3	SLV(E)	-246.73	74.28	0.71	10.05	257.67	1.00	23922.00	257256.00	23922.00	92.841
4116	900.00	3	SLV(E)	-221.69	66.74	0.71	10.05	231.52	1.00	23922.00	255352.00	23922.00	>100
4117	960.00	3	SLV(E)	-168.46	50.72	0.71	10.05	175.93	1.00	23922.00	253485.00	23922.00	>100
4118	1020.00	3	SLV(E)	-110.79	33.36	0.71	10.05	115.70	1.00	23922.00	251660.00	23922.00	>100
4119	1080.00	3	SLV(E)	-61.67	18.57	0.71	10.05	64.41	1.00	23922.00	249880.00	23922.00	>100
4120	1140.00	3	SLV(E)	-26.11	7.86	0.71	10.05	27.27	1.00	23922.00	248150.00	23922.00	>100
4121	1200.00	3	SLV(E)	-4.05	1.22	0.71	10.05	4.23	1.00	23922.00	246473.00	23922.00	>100
4122	1260.00	3	SLV(E)	7.15	-2.15	0.71	10.05	7.47	1.00	23922.00	244850.00	23922.00	>100
4123	1320.00	3	SLV(E)	10.92	-3.29	0.71	10.05	11.41	1.00	23922.00	243285.00	23922.00	>100
4124	1380.00	3	SLV(E)	10.40	-3.13	0.71	10.05	10.87	1.00	23922.00	241779.00	23922.00	>100
4125	1440.00	3	SLV(E)	7.98	-2.40	0.71	10.05	8.33	1.00	23922.00	240332.00	23922.00	>100
4126	1500.00	3	SLV(E)	5.17	-1.56	0.71	10.05	5.40	1.00	23922.00	238945.00	23922.00	>100
4129	1680.00	3	SLV(E)	0.11	-0.03	0.71	10.05	0.12	1.00	23922.00	235140.00	23922.00	>100
4130	1740.00	3	SLV(E)	-0.35	0.11	0.71	10.05	0.37	1.00	23922.00	233990.00	23922.00	>100
4151	0.00	5	SLV(E)	153.78	-44.35	0.71	10.05	160.05	1.00	23922.00	261450.00	23922.00	>100
4152	60.00	5	SLV(E)	-572.87	165.21	0.71	10.05	596.21	1.00	23922.00	261450.00	23922.00	40.123
4153	120.00	5	SLV(E)	-2154.75	621.42	0.71	10.05	2242.56	1.00	23922.00	261450.00	23922.00	10.667
4154	180.00	5	SLV(E)	-3642.58	1050.51	0.71	10.05	3791.04	1.00	23922.00	261450.00	23922.00	6.310
4155	240.00	5	SLV(E)	-4542.82	1310.14	0.71	10.05	4727.97	1.00	23922.00	261450.00	23922.00	5.060
4156	300.00	5	SLV(E)	-4721.67	1361.71	0.71	10.05	4914.10	1.00	23922.00	261450.00	23922.00	4.868
4157	360.00	5	SLV(E)	-4283.02	1235.21	0.71	10.05	4457.58	1.00	23922.00	261450.00	23922.00	5.367
4158	420.00	5	SLV(E)	-3447.60	994.28	0.71	10.05	3588.11	1.00	23922.00	261450.00	23922.00	6.667
4159	480.00	5	SLV(E)	-2455.30	708.10	0.71	10.05	2555.37	1.00	23922.00	261192.00	23922.00	9.361
4160	540.00	5	SLV(E)	-1517.51	437.64	0.71	10.05	1579.35	1.00	23922.00	259572.00	23922.00	15.147
4161	600.00	5	SLV(E)	-770.27	222.14	0.71	10.05	801.66	1.00	23922.00	257907.00	23922.00	29.840
4162	660.00	5	SLV(E)	-251.39	72.50	0.71	10.05	261.63	1.00	23922.00	256239.00	23922.00	91.434
4163	720.00	5	SLV(E)	59.77	-17.24	0.71	10.05	62.21	1.00	23922.00	254576.00	23922.00	>100
4164	780.00	5	SLV(E)	208.58	-60.15	0.71	10.05	217.08	1.00	23922.00	252925.00	23922.00	>100
4165	840.00	5	SLV(E)	246.91	-71.21	0.71	10.05	256.97	1.00	23922.00	251294.00	23922.00	93.093
4166	900.00	5	SLV(E)	221.47	-63.87	0.71	10.05	230.50	1.00	23922.00	249688.00	23922.00	>100
4167	960.00	5	SLV(E)	168.10	-48.48	0.71	10.05	174.95	1.00	23922.00	248111.00	23922.00	>100
4168	1020.00	5	SLV(E)	110.42	-31.84	0.71	10.05	114.92	1.00	23922.00	246570.00	23922.00	>100
4169	1080.00	5	SLV(E)	61.37	-17.70	0.71	10.05	63.87	1.00	23922.00	245066.00	23922.00	>100
4170	1140.00	5	SLV(E)	25.90	-7.47	0.71	10.05	26.96	1.00	23922.00	243604.00	23922.00	>100
4171	1200.00	5	SLV(E)	3.92	-1.13	0.71	10.05	4.08	1.00	23922.00	242187.00	23922.00	>100
4172	1260.00	5	SLV(E)	-7.22	2.08	0.71	10.05	7.51	1.00	23922.00	240815.00	23922.00	>100
4173	1320.00	5	SLV(E)	-10.94	3.16	0.71	10.05	11.39	1.00	23922.00	239492.00	23922.00	>100
4174	1380.00	5	SLV(E)	-10.40	3.00	0.71	10.05	10.82	1.00	23922.00	238217.00	23922.00	>100
4175	1440.00	5	SLV(E)	-7.96	2.30	0.71	10.05	8.29	1.00	23922.00	236993.00	23922.00	>100
4176	1500.00	5	SLV(E)	-5.16	1.49	0.71	10.05	5.37	1.00	23922.00	235818.00	23922.00	>100
4179	1680.00	5	SLV(E)	-0.11	0.03	0.71	10.05	0.11	1.00	23922.00	232597.00	23922.00	>100
4180	1740.00	5	SLV(E)	0.35	-0.10	0.71	10.05	0.37	1.00	23922.00	231623.00	23922.00	>100
4201	0.00	7	SLV(E)	154.91	63.04	0.71	10.05	167.24	1.00	23922.00	261450.00	23922.00	>100
4202	60.00	7	SLV(E)	-546.89	-222.57	0.71	10.05	590.45	1.00	23922.00	261450.00	23922.00	40.515
4203	120.00	7	SLV(E)	-2074.87	-844.43	0.71	10.05	2240.13	1.00	23922.00	261450.00	23922.00	10.679
4204	180.00	7	SLV(E)	-3512.45	-1429.49	0.71	10.05	3792.20	1.00	23922.00	261450.00	23922.00	6.308
4205	240.00	7	SLV(E)	-4382.90	-1783.74	0.71	10.05	4731.97	1.00	23922.00	261450.00	23922.00	5.055
4206	300.00	7	SLV(E)	-4556.82	-1854.53	0.71	10.05	4919.75	1.00	23922.00	261450.00	23922.00	4.862
4207	360.00	7	SLV(E)	-4134.38	-1682.60	0.71	10.05	4463.65	1.00	23922.00	261450.00	23922.00	5.359
4208	420.00	7	SLV(E)	-3328.56	-1354.65	0.71	10.05	3593.66	1.00	23922.00	261450.00	23922.00	6.657
4209	480.00	7	SLV(E)	-2370.97	-964.93	0.71	10.05	2559.81	1.00	23922.00	261450.00	23922.00	9.345
4210	540.00	7	SLV(E)	-1465.74	-596.53	0.71	10.05	1582.48	1.00	23922.00	260239.00	23922.00	15.117
4211	600.00	7	SLV(E)	-744.31	-302.92	0.71	10.05	803.59	1.00	23922.00	258546.00	23922.00	29.769
4212	660.00	7	SLV(E)	-243.24	-98.99	0.71	10.05	262.61	1.00	23922.00	256850.00	23922.00	91.094
4213	720.00	7	SLV(E)	57.32	23.33	0.71	10.05	61.88	1.00	23922.00	255159.00	23922.00	>100
4214	780.00	7	SLV(E)	201.13	81.85	0.71	10.05	217.15	1.00	23922.00	253481.00	23922.00	>100
4215	840.00	7	SLV(E)	238.25	96.96	0.71	10.05	257.23	1.00	23922.00	251823.00	23922.00	93.000
4216	900.00	7	SLV(E)	213.78	87.00	0.71	10.05	230.80	1.00	23922.00	250191.00	23922.00	>100
4217	960.00	7	SLV(E)	162.29	66.05	0.71	10.05	175.22	1.00	23922.00	248589.00	23922.00	>100
4218	1020.00	7	SLV(E)	106.63	43.40	0.71	10.05	115.12	1.00	23922.00	247022.00	23922.00	>100
4219	1080.00	7	SLV(E)	59.28	24.13	0.71	10.05	64.00	1.00	23922.00	245494.00	23922.00	>100
4220	1140.00	7	SLV(E)	25.03	10.19	0.71	10.05	27.03	1.00	23922.00	244008.00	23922.00	>100
4221	1200.00	7	SLV(E)	3.81	1.55	0.71	10.05	4.11	1.00	23922.00	242567.00	23922.00	>100
4222	1260.00	7	SLV(E)	-6.95	-2.83	0.71	10.05	7.51	1.00	23922.00	241173.00	23922.00	>100
4223	1320.00	7	SLV(E)	-10.56	-4.30	0.71	10.05	11.40	1.00	23922.00	239828.00	23922.00	>100
4224	1380.00	7	SLV(E)	-10.04	-4.08	0.71	10.05	10.83	1.00	23922.00	238533.00	23922.00	>100
4225	1440.00	7	SLV(E)	-7.69	-3.13	0.71	10.05	8.30	1.00	23922.00	237289.00	23922.00	>100
4226	1500.00	7	SLV(E)	-4.98	-2.03	0.71	10.05	5.38	1.00	23922.00	236096.00	23922.00	>100
4229	1680.00	7	SLV(E)	-0.11	-0.04	0.71	10.05	0.11	1.00	23922.00	232823.00	23922.00	>100
4230	1740.00	7	SLV(E)	0.34	0.14	0.71	10.05	0.37	1.00	23922.00	231833.00	23922.00	>100
4251	0.00	9	SLV(E)	-71.56	-173.49	0.71	10.05	187.66	1.00	23922.00	261450.00	23922.00	>100
4252	60.00	9	SLV(E)	218.83	530.55	0.71	10.05	573.91	1.00	23922.00	261450.00	23922.00	41.683
4253	120.00	9	SLV(E)	851.31	2063.97	0.71	10.05	2232.64	1.00	23922.00	261450.00	23922.00	10.715
4254	180.00	9	SLV(E)	1446.87	3507.89	0.71	10.05	3794.57	1.00	23922.00	261450.00	23922.00	6.304
4255	240.00	9	SLV(E)	1808.20	4383.94	0.71	10.05	4742.21	1.00	23922.00	261450.00	2392	

4257	360.00	9	SLV(E)	1708.17	4141.40	0.71	10.05	4479.84	1.00	23922.00	261450.00	23922.00	5.340
4258	420.00	9	SLV(E)	1375.94	3335.94	0.71	10.05	3608.56	1.00	23922.00	261450.00	23922.00	6.629
4259	480.00	9	SLV(E)	980.63	2377.50	0.71	10.05	2571.80	1.00	23922.00	261450.00	23922.00	9.302
4260	540.00	9	SLV(E)	606.65	1470.80	0.71	10.05	1591.00	1.00	23922.00	261450.00	23922.00	15.036
4261	600.00	9	SLV(E)	308.42	747.76	0.71	10.05	808.87	1.00	23922.00	261422.00	23922.00	29.575
4262	660.00	9	SLV(E)	101.17	245.28	0.71	10.05	265.32	1.00	23922.00	259601.00	23922.00	90.161
4263	720.00	9	SLV(E)	-23.24	-56.35	0.71	10.05	60.95	1.00	23922.00	257786.00	23922.00	>100
4264	780.00	9	SLV(E)	-82.85	-200.88	0.71	10.05	217.29	1.00	23922.00	255986.00	23922.00	>100
4265	840.00	9	SLV(E)	-98.33	-238.40	0.71	10.05	257.89	1.00	23922.00	254207.00	23922.00	92.762
4266	900.00	9	SLV(E)	-88.31	-214.10	0.71	10.05	231.60	1.00	23922.00	252455.00	23922.00	>100
4267	960.00	9	SLV(E)	-67.08	-162.65	0.71	10.05	175.94	1.00	23922.00	250737.00	23922.00	>100
4268	1020.00	9	SLV(E)	-44.10	-106.93	0.71	10.05	115.67	1.00	23922.00	249057.00	23922.00	>100
4269	1080.00	9	SLV(E)	-24.54	-59.50	0.71	10.05	64.36	1.00	23922.00	247418.00	23922.00	>100
4270	1140.00	9	SLV(E)	-10.38	-25.17	0.71	10.05	27.23	1.00	23922.00	245825.00	23922.00	>100
4271	1200.00	9	SLV(E)	-1.60	-3.88	0.71	10.05	4.19	1.00	23922.00	244281.00	23922.00	>100
4272	1260.00	9	SLV(E)	2.86	6.93	0.71	10.05	7.49	1.00	23922.00	242787.00	23922.00	>100
4273	1320.00	9	SLV(E)	4.35	10.56	0.71	10.05	11.42	1.00	23922.00	241345.00	23922.00	>100
4274	1380.00	9	SLV(E)	4.14	10.05	0.71	10.05	10.87	1.00	23922.00	239957.00	23922.00	>100
4275	1440.00	9	SLV(E)	3.18	7.70	0.71	10.05	8.33	1.00	23922.00	238624.00	23922.00	>100
4276	1500.00	9	SLV(E)	2.06	4.99	0.71	10.05	5.40	1.00	23922.00	237346.00	23922.00	>100
4279	1680.00	9	SLV(E)	0.04	0.11	0.71	10.05	0.12	1.00	23922.00	233840.00	23922.00	>100
4280	1740.00	9	SLV(E)	-0.14	-0.34	0.71	10.05	0.37	1.00	23922.00	232779.00	23922.00	>100
4301	0.00	11	SLV(E)	31.84	-171.71	0.71	10.05	174.64	1.00	23922.00	261450.00	23922.00	>100
4302	60.00	11	SLV(E)	-106.59	574.80	0.71	10.05	584.60	1.00	23922.00	261450.00	23922.00	40.920
4303	120.00	11	SLV(E)	-408.02	2200.35	0.71	10.05	2237.86	1.00	23922.00	261450.00	23922.00	10.690
4304	180.00	11	SLV(E)	-691.71	3730.20	0.71	10.05	3793.79	1.00	23922.00	261450.00	23922.00	6.306
4305	240.00	11	SLV(E)	-863.60	4657.19	0.71	10.05	4736.58	1.00	23922.00	261450.00	23922.00	5.050
4306	300.00	11	SLV(E)	-898.15	4843.49	0.71	10.05	4926.06	1.00	23922.00	261450.00	23922.00	4.856
4307	360.00	11	SLV(E)	-815.07	4395.43	0.71	10.05	4470.36	1.00	23922.00	261450.00	23922.00	5.351
4308	420.00	11	SLV(E)	-656.33	3539.39	0.71	10.05	3599.73	1.00	23922.00	261450.00	23922.00	6.646
4309	480.00	11	SLV(E)	-467.60	2521.64	0.71	10.05	2564.63	1.00	23922.00	261450.00	23922.00	9.328
4310	540.00	11	SLV(E)	-289.14	1559.28	0.71	10.05	1585.86	1.00	23922.00	261188.00	23922.00	15.085
4311	600.00	11	SLV(E)	-146.89	792.15	0.71	10.05	805.65	1.00	23922.00	259455.00	23922.00	29.693
4312	660.00	11	SLV(E)	-48.07	259.22	0.71	10.05	263.64	1.00	23922.00	257720.00	23922.00	90.738
4313	720.00	11	SLV(E)	11.22	-60.53	0.71	10.05	61.56	1.00	23922.00	255990.00	23922.00	>100
4314	780.00	11	SLV(E)	39.61	-213.60	0.71	10.05	217.24	1.00	23922.00	254274.00	23922.00	>100
4315	840.00	11	SLV(E)	46.95	-253.20	0.71	10.05	257.51	1.00	23922.00	252577.00	23922.00	92.896
4316	900.00	11	SLV(E)	42.14	-227.26	0.71	10.05	231.13	1.00	23922.00	250907.00	23922.00	>100
4317	960.00	11	SLV(E)	32.00	-172.57	0.71	10.05	175.51	1.00	23922.00	249268.00	23922.00	>100
4318	1020.00	11	SLV(E)	21.03	-113.41	0.71	10.05	115.34	1.00	23922.00	247665.00	23922.00	>100
4319	1080.00	11	SLV(E)	11.69	-63.07	0.71	10.05	64.14	1.00	23922.00	246102.00	23922.00	>100
4320	1140.00	11	SLV(E)	4.94	-26.65	0.71	10.05	27.10	1.00	23922.00	244583.00	23922.00	>100
4321	1200.00	11	SLV(E)	0.76	-4.07	0.71	10.05	4.14	1.00	23922.00	243109.00	23922.00	>100
4322	1260.00	11	SLV(E)	-1.37	7.38	0.71	10.05	7.50	1.00	23922.00	241684.00	23922.00	>100
4323	1320.00	11	SLV(E)	-2.08	11.22	0.71	10.05	11.41	1.00	23922.00	240308.00	23922.00	>100
4324	1380.00	11	SLV(E)	-1.98	10.67	0.71	10.05	10.85	1.00	23922.00	238984.00	23922.00	>100
4325	1440.00	11	SLV(E)	-1.52	8.17	0.71	10.05	8.31	1.00	23922.00	237711.00	23922.00	>100
4326	1500.00	11	SLV(E)	-0.98	5.30	0.71	10.05	5.39	1.00	23922.00	236491.00	23922.00	>100
4329	1680.00	11	SLV(E)	-0.02	0.11	0.71	10.05	0.12	1.00	23922.00	233145.00	23922.00	>100
4330	1740.00	11	SLV(E)	0.07	-0.36	0.71	10.05	0.37	1.00	23922.00	232132.00	23922.00	>100
4351	0.00	13	SLV(E)	-67.81	184.49	0.71	10.05	196.56	1.00	23922.00	261450.00	23922.00	>100
4352	60.00	13	SLV(E)	195.25	-531.18	0.71	10.05	565.93	1.00	23922.00	261450.00	23922.00	42.270
4353	120.00	13	SLV(E)	768.29	-2090.20	0.71	10.05	2226.93	1.00	23922.00	261450.00	23922.00	10.742
4354	180.00	13	SLV(E)	1308.10	-3558.78	0.71	10.05	3791.58	1.00	23922.00	261450.00	23922.00	6.309
4355	240.00	13	SLV(E)	1635.90	-4450.58	0.71	10.05	4741.71	1.00	23922.00	261450.00	23922.00	5.045
4356	300.00	13	SLV(E)	1702.92	-4632.91	0.71	10.05	4935.97	1.00	23922.00	261450.00	23922.00	4.846
4357	360.00	13	SLV(E)	1546.39	-4207.08	0.71	10.05	4482.28	1.00	23922.00	261450.00	23922.00	5.337
4358	420.00	13	SLV(E)	1245.92	-3389.62	0.71	10.05	3611.35	1.00	23922.00	261450.00	23922.00	6.624
4359	480.00	13	SLV(E)	888.17	-2416.34	0.71	10.05	2574.40	1.00	23922.00	261450.00	23922.00	9.292
4360	540.00	13	SLV(E)	549.62	-1495.28	0.71	10.05	1593.09	1.00	23922.00	261450.00	23922.00	15.016
4361	600.00	13	SLV(E)	279.58	-760.61	0.71	10.05	810.36	1.00	23922.00	261450.00	23922.00	29.520
4362	660.00	13	SLV(E)	91.86	-249.91	0.71	10.05	266.25	1.00	23922.00	261450.00	23922.00	89.847
4363	720.00	13	SLV(E)	-20.86	56.76	0.71	10.05	60.48	1.00	23922.00	259732.00	23922.00	>100
4364	780.00	13	SLV(E)	-74.91	203.79	0.71	10.05	217.13	1.00	23922.00	257840.00	23922.00	>100
4365	840.00	13	SLV(E)	-88.98	242.07	0.71	10.05	257.91	1.00	23922.00	255972.00	23922.00	92.754
4366	900.00	13	SLV(E)	-79.94	217.49	0.71	10.05	231.71	1.00	23922.00	254132.00	23922.00	>100
4367	960.00	13	SLV(E)	-60.75	165.26	0.71	10.05	176.07	1.00	23922.00	252328.00	23922.00	>100
4368	1020.00	13	SLV(E)	-39.95	108.68	0.71	10.05	115.79	1.00	23922.00	250563.00	23922.00	>100
4369	1080.00	13	SLV(E)	-22.24	60.49	0.71	10.05	64.45	1.00	23922.00	248843.00	23922.00	>100
4370	1140.00	13	SLV(E)	-9.41	25.61	0.71	10.05	27.28	1.00	23922.00	247171.00	23922.00	>100
4371	1200.00	13	SLV(E)	-1.46	3.97	0.71	10.05	4.23	1.00	23922.00	245549.00	23922.00	>100
4372	1260.00	13	SLV(E)	2.58	-7.02	0.71	10.05	7.48	1.00	23922.00	243981.00	23922.00	>100
4373	1320.00	13	SLV(E)	3.94	-10.72	0.71	10.05	11.42	1.00	23922.00	242468.00	23922.00	>100
4374	1380.00	13	SLV(E)	3.75	-10.21	0.71	10.05	10.87	1.00	23922.00	241012.00	23922.00	>100
4375	1440.00	13	SLV(E)	2.88	-7.83	0.71	10.05	8.34	1.00	23922.00	239613.00	23922.00	>100
4376	1500.00	13	SLV(E)	1.87	-5.07	0.71	10.05	5.41	1.00	23922.00	238271.00	23922.00	>100
4379	1680.00	13	SLV(E)	0.04	-0.11	0.71	10.05	0.12	1.00	23922.00	234593.00	23922.00	>100
4380	1740.00	13	SLV(E)	-0.13	0.34	0.71	10.05	0.37	1.00	23922.00	233480.00	23922.00	>100
4401	0.00	15	SLV(E)	35.58	186.27	0.71	10.05	189.63	1.00	23922.00	261450.00	23922.00	>100
4402	60.00	15	SLV(E)	-107.37	-562.02	0.71	10.05	572.19	1.00	23922.00	261450.00	23922.00	41.808
4403	120.00	15	SLV(E)	-418.74	-2191.88	0.71	10.05	2231.52	1.00	23922.00	261450.00	23922.00	10.720
4404	180.00	15	SLV(E)	-711.96	-3726.74	0.71	10.05	3794.14	1.00	23922.00	261450.00	23922.00	6.305
4405	240.00	15	SLV(E)	-889.90	-4658.14	0.71	10.05</						

4407	360.00	15	SLV(E)	-840.78	-4401.06	0.71	10.05	4480.65	1.00	23922.00	261450.00	23922.00	5.339
4408	420.00	15	SLV(E)	-677.29	-3545.28	0.71	10.05	3609.39	1.00	23922.00	261450.00	23922.00	6.628
4409	480.00	15	SLV(E)	-482.73	-2526.83	0.71	10.05	2572.53	1.00	23922.00	261450.00	23922.00	9.299
4410	540.00	15	SLV(E)	-298.65	-1563.28	0.71	10.05	1591.55	1.00	23922.00	261450.00	23922.00	15.031
4411	600.00	15	SLV(E)	-151.85	-794.87	0.71	10.05	809.25	1.00	23922.00	261450.00	23922.00	29.561
4412	660.00	15	SLV(E)	-49.83	-260.83	0.71	10.05	265.55	1.00	23922.00	259757.00	23922.00	90.086
4413	720.00	15	SLV(E)	11.42	59.77	0.71	10.05	60.85	1.00	23922.00	257936.00	23922.00	>100
4414	780.00	15	SLV(E)	40.77	213.41	0.71	10.05	217.27	1.00	23922.00	256128.00	23922.00	>100
4415	840.00	15	SLV(E)	48.40	253.33	0.71	10.05	257.91	1.00	23922.00	254342.00	23922.00	92.754
4416	900.00	15	SLV(E)	43.47	227.53	0.71	10.05	231.64	1.00	23922.00	252584.00	23922.00	>100
4417	960.00	15	SLV(E)	33.02	172.85	0.71	10.05	175.98	1.00	23922.00	250859.00	23922.00	>100
4418	1020.00	15	SLV(E)	21.71	113.65	0.71	10.05	115.70	1.00	23922.00	249172.00	23922.00	>100
4419	1080.00	15	SLV(E)	12.08	63.24	0.71	10.05	64.38	1.00	23922.00	247528.00	23922.00	>100
4420	1140.00	15	SLV(E)	5.11	26.76	0.71	10.05	27.24	1.00	23922.00	245928.00	23922.00	>100
4421	1200.00	15	SLV(E)	0.79	4.13	0.71	10.05	4.20	1.00	23922.00	244378.00	23922.00	>100
4422	1260.00	15	SLV(E)	-1.41	-7.36	0.71	10.05	7.49	1.00	23922.00	242878.00	23922.00	>100
4423	1320.00	15	SLV(E)	-2.14	-11.22	0.71	10.05	11.42	1.00	23922.00	241431.00	23922.00	>100
4424	1380.00	15	SLV(E)	-2.04	-10.68	0.71	10.05	10.87	1.00	23922.00	240038.00	23922.00	>100
4425	1440.00	15	SLV(E)	-1.56	-8.19	0.71	10.05	8.33	1.00	23922.00	238700.00	23922.00	>100
4426	1500.00	15	SLV(E)	-1.01	-5.31	0.71	10.05	5.40	1.00	23922.00	237417.00	23922.00	>100
4429	1680.00	15	SLV(E)	-0.02	-0.12	0.71	10.05	0.12	1.00	23922.00	233898.00	23922.00	>100
4430	1740.00	15	SLV(E)	0.07	0.36	0.71	10.05	0.37	1.00	23922.00	232833.00	23922.00	>100
4451	0.00	17	SLU	-1105.20	161.03	0.71	10.05	1116.87	1.00	23922.00	261450.00	23922.00	21.419
4452	60.00	17	SLU	-0.82	0.12	0.71	10.05	0.83	1.00	23922.00	261450.00	23922.00	>100
4453	120.00	17	SLU	2430.36	-354.11	0.71	10.05	2456.03	1.00	23922.00	261450.00	23922.00	9.740
4454	180.00	17	SLU	4776.18	-695.91	0.71	10.05	4826.61	1.00	23922.00	261450.00	23922.00	4.956
4455	240.00	17	SLU	6280.34	-915.07	0.71	10.05	6346.65	1.00	23922.00	261450.00	23922.00	3.769
4456	300.00	17	SLU	6715.46	-978.47	0.71	10.05	6786.37	1.00	23922.00	261450.00	23922.00	3.525
4457	360.00	17	SLU	6211.96	-905.11	0.71	10.05	6277.55	1.00	23922.00	261450.00	23922.00	3.811
4458	420.00	17	SLU	5083.32	-740.66	0.71	10.05	5136.99	1.00	23922.00	261450.00	23922.00	4.657
4459	480.00	17	SLU	3681.67	-536.43	0.71	10.05	3720.54	1.00	23922.00	261450.00	23922.00	6.430
4460	540.00	17	SLU	2324.42	-338.68	0.71	10.05	2348.96	1.00	23922.00	261450.00	23922.00	10.184
4461	600.00	17	SLU	1222.53	-178.13	0.71	10.05	1235.44	1.00	23922.00	261450.00	23922.00	19.363
4462	660.00	17	SLU	443.12	-64.56	0.71	10.05	447.80	1.00	23922.00	261450.00	23922.00	53.421
4463	720.00	17	SLU	-35.31	5.14	0.71	10.05	35.68	1.00	23922.00	261450.00	23922.00	>100
4464	780.00	17	SLU	-273.89	39.91	0.71	10.05	276.79	1.00	23922.00	261450.00	23922.00	86.428
4465	840.00	17	SLU	-346.05	50.42	0.71	10.05	349.70	1.00	23922.00	261450.00	23922.00	68.407
4466	900.00	17	SLU	-319.61	46.57	0.71	10.05	322.98	1.00	23922.00	261450.00	23922.00	74.066
4467	960.00	17	SLU	-247.65	36.08	0.71	10.05	250.27	1.00	23922.00	261450.00	23922.00	95.586
4468	1020.00	17	SLU	-165.94	24.18	0.71	10.05	167.70	1.00	23922.00	261450.00	23922.00	>100
4469	1080.00	17	SLU	-94.64	13.79	0.71	10.05	95.64	1.00	23922.00	261450.00	23922.00	>100
4470	1140.00	17	SLU	-42.02	6.12	0.71	10.05	42.46	1.00	23922.00	261450.00	23922.00	>100
4471	1200.00	17	SLU	-8.70	1.27	0.71	10.05	8.79	1.00	23922.00	261450.00	23922.00	>100
4472	1260.00	17	SLU	8.74	-1.27	0.71	10.05	8.83	1.00	23922.00	261450.00	23922.00	>100
4473	1320.00	17	SLU	15.09	-2.20	0.71	10.05	15.25	1.00	23922.00	261450.00	23922.00	>100
4474	1380.00	17	SLU	14.91	-2.17	0.71	10.05	15.06	1.00	23922.00	261450.00	23922.00	>100
4475	1440.00	17	SLU	11.69	-1.70	0.71	10.05	11.81	1.00	23922.00	261450.00	23922.00	>100
4476	1500.00	17	SLU	7.73	-1.13	0.71	10.05	7.81	1.00	23922.00	259112.00	23922.00	>100
4479	1680.00	17	SLU	0.28	-0.04	0.71	10.05	0.29	1.00	23922.00	251540.00	23922.00	>100
4480	1740.00	17	SLU	-0.45	0.06	0.71	10.05	0.45	1.00	23922.00	249252.00	23922.00	>100
4481	1800.00	17	SLU	-0.66	0.10	0.71	10.05	0.67	1.00	23922.00	247078.00	23922.00	>100

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Caso	X <cm>	CC	TCC	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ_c <daN/cmq>	σ_f <daN/cmq>
4501	0.00	18	SLE R	-336714.00	-12465.80	-11721.70	0.00	24.13	58.24	843.45
4502	60.00	18	SLE R	-337892.00	-12405.50	-11664.90	0.00	24.13	58.30	844.57
4503	120.00	18	SLE R	-336870.00	-11775.60	-11072.70	0.00	24.13	57.34	831.61
4504	180.00	18	SLE R	-333849.00	-10423.00	-9800.82	0.00	24.13	55.16	802.26
4505	240.00	18	SLE R	-329031.00	-8519.68	-8011.12	0.00	24.13	52.03	759.89
4506	300.00	18	SLE R	-322610.00	-6375.38	-5994.81	0.00	24.13	48.38	710.33
4507	360.00	18	SLE R	-314775.00	-4301.14	-4044.40	0.00	24.13	44.65	659.37
4508	420.00	18	SLE R	-305705.00	-2529.40	-2378.41	0.00	24.13	41.17	611.43
4509	480.00	18	SLE R	-295571.00	-1184.44	-1113.73	0.00	24.13	38.12	569.01
4510	540.00	18	SLE R	-284533.00	-287.31	-270.16	0.00	24.13	35.57	532.78
4511	600.00	18	SLE R	-273180.00	222.87	209.56	0.00	24.13	34.08	510.60
4512	660.00	18	SLE R	-261806.00	445.04	418.47	0.00	24.13	32.97	493.40
4513	720.00	18	SLE R	-250468.00	480.06	451.41	0.00	24.13	31.61	472.99
4514	780.00	18	SLE R	-239214.00	412.80	388.15	0.00	24.13	30.13	450.93
4515	840.00	18	SLE R	-228091.00	305.27	287.05	0.00	24.13	28.61	428.41
4516	900.00	18	SLE R	-217137.00	196.72	184.97	0.00	24.13	27.11	406.19
4517	960.00	18	SLE R	-206387.00	107.43	101.02	0.00	24.13	25.66	384.68
4518	1020.00	18	SLE R	-195873.00	44.23	41.59	0.00	24.13	24.28	364.07
4519	1080.00	18	SLE R	-185619.00	5.68	5.34	0.00	24.13	22.96	344.38
4520	1140.00	18	SLE R	-175647.00	-13.55	-12.74	0.00	24.13	21.74	326.02
4521	1200.00	18	SLE R	-165976.00	-19.79	-18.61	0.00	24.13	20.55	308.19
4522	1260.00	18	SLE R	-156621.00	-18.63	-17.52	0.00	24.13	19.39	290.82
4523	1320.00	18	SLE R	-147592.00	-14.25	-13.40	0.00	24.13	18.27	274.00
4524	1380.00	18	SLE R	-138898.00	-9.27	-8.71	0.00	24.13	17.19	257.78
4525	1440.00	18	SLE R	-130543.00	-5.05	-4.74	0.00	24.13	16.15	242.21
4526	1500.00	18	SLE R	-122533.00	-2.07	-1.94	0.00	24.13	15.15	227.30
4527	1560.00	18	SLE R	-114866.00	-0.29	-0.27	0.00	24.13	14.20	213.05
4528	1620.00	18	SLE R	-107541.00	0.56	0.53	0.00	24.13	13.30	199.47

4529	1680.00	18	SLE R	-100556.00	0.81	0.76	0.00	24.13	12.43	186.52
4530	1740.00	18	SLE R	-93904.60	0.73	0.69	0.00	24.13	11.61	174.18
4531	1800.00	18	SLE R	-87581.60	0.53	0.50	0.00	24.13	10.83	162.45
4532	1860.00	18	SLE R	-81579.00	0.32	0.30	0.00	24.13	10.09	151.31
4533	1920.00	18	SLE R	-75888.20	0.16	0.15	0.00	24.13	9.38	140.76
4534	1980.00	18	SLE R	-70499.60	0.05	0.05	0.00	24.13	8.72	130.76
4535	2040.00	18	SLE R	-65402.50	-0.01	-0.01	0.00	24.13	8.09	121.31
4536	2100.00	18	SLE R	-60586.10	-0.03	-0.03	0.00	24.13	7.49	112.37
4537	2160.00	18	SLE R	-56038.50	-0.03	-0.03	0.00	24.13	6.93	103.94
4538	2220.00	18	SLE R	-51747.50	-0.02	-0.02	0.00	24.13	6.40	95.98
4539	2280.00	18	SLE R	-47700.80	-0.02	-0.01	0.00	24.13	5.90	88.47
4540	2340.00	18	SLE R	-43885.30	-0.01	-0.01	0.00	24.13	5.43	81.40
4541	2400.00	18	SLE R	-40288.10	-0.00	-0.00	0.00	24.13	4.98	74.72
4542	2460.00	18	SLE R	-36895.80	-0.00	-0.00	0.00	24.13	4.56	68.43
4543	2520.00	18	SLE R	-33695.10	0.00	0.00	0.00	24.13	4.17	62.50
4544	2580.00	18	SLE R	-30672.30	0.00	0.00	0.00	24.13	3.79	56.89
4545	2640.00	18	SLE R	-27813.80	0.00	0.00	0.00	24.13	3.44	51.59
4546	2700.00	18	SLE R	-25105.90	0.00	0.00	0.00	24.13	3.10	46.57
4547	2760.00	18	SLE R	-22534.70	0.00	0.00	0.00	24.13	2.79	41.80
4548	2820.00	18	SLE R	-20086.00	0.00	0.00	0.00	24.13	2.48	37.25
4549	2880.00	18	SLE R	-17745.80	0.00	0.00	0.00	24.13	2.19	32.91
4550	2940.00	18	SLE R	-15499.50	0.00	0.00	0.00	24.13	1.92	28.75
4551	0.00	18	SLE R	-207530.00	-4387.38	-15892.40	0.00	24.13	41.77	594.64
4552	60.00	18	SLE R	-208708.00	-4462.23	-16163.60	0.00	24.13	42.19	600.41
4553	120.00	18	SLE R	-208483.00	-4313.81	-15626.00	0.00	24.13	41.62	592.90
4554	180.00	18	SLE R	-206982.00	-3877.14	-14044.20	0.00	24.13	39.83	569.24
4555	240.00	18	SLE R	-204327.00	-3212.93	-11638.20	0.00	24.13	37.06	532.56
4556	300.00	18	SLE R	-200641.00	-2437.51	-8829.39	0.00	24.13	33.76	488.66
4557	360.00	18	SLE R	-196041.00	-1670.75	-6051.97	0.00	24.13	30.37	443.47
4558	420.00	18	SLE R	-190639.00	-1004.70	-3639.32	0.00	24.13	27.26	401.62
4559	480.00	18	SLE R	-184542.00	-491.14	-1779.08	0.00	24.13	24.62	365.76
4560	540.00	18	SLE R	-177850.00	-142.50	-516.17	0.00	24.13	22.51	336.68
4561	600.00	18	SLE R	-170940.00	60.82	220.31	0.00	24.13	21.36	319.96
4562	660.00	18	SLE R	-164003.00	154.07	558.10	0.00	24.13	20.84	311.55
4563	720.00	18	SLE R	-157073.00	174.42	631.80	0.00	24.13	20.06	299.67
4564	780.00	18	SLE R	-150182.00	153.77	557.00	0.00	24.13	19.13	285.90
4565	840.00	18	SLE R	-143358.00	115.89	419.78	0.00	24.13	18.15	271.43
4566	900.00	18	SLE R	-136628.00	76.11	275.69	0.00	24.13	17.17	257.05
4567	960.00	18	SLE R	-130013.00	42.64	154.45	0.00	24.13	16.23	243.18
4568	1020.00	18	SLE R	-123533.00	18.49	66.98	0.00	24.13	15.34	230.01
4569	1080.00	18	SLE R	-117206.00	3.45	12.51	0.00	24.13	14.51	217.55
4570	1140.00	18	SLE R	-111045.00	-4.29	-15.54	0.00	24.13	13.75	206.17
4571	1200.00	18	SLE R	-105063.00	-7.04	-25.49	0.00	24.13	13.02	195.20
4572	1260.00	18	SLE R	-99268.90	-6.87	-24.89	0.00	24.13	12.30	184.45
4573	1320.00	18	SLE R	-93670.90	-5.37	-19.47	0.00	24.13	11.60	173.99
4574	1380.00	18	SLE R	-88274.80	-3.57	-12.91	0.00	24.13	10.93	163.90
4575	1440.00	18	SLE R	-83084.50	-1.99	-7.21	0.00	24.13	10.28	154.20
4576	1500.00	18	SLE R	-78102.70	-0.86	-3.10	0.00	24.13	9.66	144.90
4577	1560.00	18	SLE R	-73330.20	-0.16	-0.59	0.00	24.13	9.07	136.02
4578	1620.00	18	SLE R	-68766.90	0.18	0.64	0.00	24.13	8.50	127.55
4579	1680.00	18	SLE R	-64411.40	0.29	1.04	0.00	24.13	7.97	119.48
4580	1740.00	18	SLE R	-60261.10	0.27	0.98	0.00	24.13	7.45	111.78
4581	1800.00	18	SLE R	-56312.60	0.20	0.73	0.00	24.13	6.96	104.45
4582	1860.00	18	SLE R	-52561.70	0.13	0.45	0.00	24.13	6.50	97.49
4583	1920.00	18	SLE R	-49003.50	0.06	0.23	0.00	24.13	6.06	90.89
4584	1980.00	18	SLE R	-45632.50	0.02	0.08	0.00	24.13	5.64	84.64
4585	2040.00	18	SLE R	-42442.70	-0.00	-0.00	0.00	24.13	5.25	78.72
4586	2100.00	18	SLE R	-39427.50	-0.01	-0.04	0.00	24.13	4.88	73.13
4587	2160.00	18	SLE R	-36580.20	-0.01	-0.04	0.00	24.13	4.52	67.85
4588	2220.00	18	SLE R	-33893.60	-0.01	-0.03	0.00	24.13	4.19	62.86
4589	2280.00	18	SLE R	-31360.30	-0.01	-0.02	0.00	24.13	3.88	58.17
4590	2340.00	18	SLE R	-28972.90	-0.00	-0.01	0.00	24.13	3.58	53.74
4591	2400.00	18	SLE R	-26723.60	-0.00	-0.00	0.00	24.13	3.30	49.57
4592	2460.00	18	SLE R	-24604.60	-0.00	-0.00	0.00	24.13	3.04	45.64
4593	2520.00	18	SLE R	-22608.00	0.00	0.00	0.00	24.13	2.80	41.93
4594	2580.00	18	SLE R	-20725.90	0.00	0.00	0.00	24.13	2.56	38.44
4595	2640.00	18	SLE R	-18950.30	0.00	0.00	0.00	24.13	2.34	35.15
4596	2700.00	18	SLE R	-17273.20	0.00	0.00	0.00	24.13	2.14	32.04
4597	2760.00	18	SLE R	-15686.60	0.00	0.00	0.00	24.13	1.94	29.09
4598	2820.00	18	SLE R	-14182.40	0.00	0.00	0.00	24.13	1.75	26.30
4599	2880.00	18	SLE R	-12752.40	0.00	0.00	0.00	24.13	1.58	23.65
4600	2940.00	18	SLE R	-11388.50	0.00	0.00	0.00	24.13	1.41	21.12
4601	0.00	18	SLE R	-129871.00	2075.60	-15412.00	0.00	24.13	31.13	443.45
4602	60.00	18	SLE R	-131049.00	2166.20	-16084.80	0.00	24.13	31.93	454.47
4603	120.00	18	SLE R	-131305.00	2138.08	-15875.90	0.00	24.13	31.76	452.20
4604	180.00	18	SLE R	-130716.00	1954.11	-14509.90	0.00	24.13	30.35	433.16
4605	240.00	18	SLE R	-129362.00	1643.13	-12200.80	0.00	24.13	27.93	400.30
4606	300.00	18	SLE R	-127320.00	1264.39	-9388.51	0.00	24.13	24.92	359.55
4607	360.00	18	SLE R	-124665.00	880.56	-6538.43	0.00	24.13	21.81	317.16
4608	420.00	18	SLE R	-121468.00	541.06	-4017.53	0.00	24.13	18.95	278.10
4609	480.00	18	SLE R	-117797.00	275.02	-2042.10	0.00	24.13	16.56	245.32
4610	540.00	18	SLE R	-113718.00	91.18	-677.04	0.00	24.13	14.72	219.82
4611	600.00	18	SLE R	-109480.00	-18.65	138.50	0.00	24.13	13.67	204.88
4612	660.00	18	SLE R	-105209.00	-71.42	530.31	0.00	24.13	13.53	202.11

4613	720.00	18	SLE R	-100929.00	-85.65	635.98	0.00	24.13	13.10	195.56
4614	780.00	18	SLE R	-96660.20	-77.62	576.36	0.00	24.13	12.52	186.86
4615	840.00	18	SLE R	-92421.60	-59.68	443.12	0.00	24.13	11.86	177.24
4616	900.00	18	SLE R	-88230.20	-39.95	296.68	0.00	24.13	11.20	167.54
4617	960.00	18	SLE R	-84101.00	-22.94	170.36	0.00	24.13	10.57	158.23
4618	1020.00	18	SLE R	-80047.30	-10.43	77.43	0.00	24.13	9.97	149.49
4619	1080.00	18	SLE R	-76080.40	-2.47	18.35	0.00	24.13	9.43	141.35
4620	1140.00	18	SLE R	-72210.30	1.76	-13.03	0.00	24.13	8.94	134.10
4621	1200.00	18	SLE R	-68445.20	3.37	-25.03	0.00	24.13	8.49	127.28
4622	1260.00	18	SLE R	-64792.20	3.43	-25.47	0.00	24.13	8.04	120.51
4623	1320.00	18	SLE R	-61256.70	2.75	-20.41	0.00	24.13	7.59	113.88
4624	1380.00	18	SLE R	-57843.20	1.86	-13.82	0.00	24.13	7.17	107.47
4625	1440.00	18	SLE R	-54554.90	1.06	-7.91	0.00	24.13	6.75	101.29
4626	1500.00	18	SLE R	-51393.90	0.48	-3.55	0.00	24.13	6.36	95.37
4627	1560.00	18	SLE R	-48361.60	0.11	-0.84	0.00	24.13	5.98	89.71
4628	1620.00	18	SLE R	-45458.20	-0.07	0.54	0.00	24.13	5.62	84.32
4629	1680.00	18	SLE R	-42683.60	-0.14	1.03	0.00	24.13	5.28	79.18
4630	1740.00	18	SLE R	-40036.50	-0.14	1.01	0.00	24.13	4.95	74.27
4631	1800.00	18	SLE R	-37515.40	-0.10	0.77	0.00	24.13	4.64	69.59
4632	1860.00	18	SLE R	-35118.10	-0.07	0.49	0.00	24.13	4.34	65.14
4633	1920.00	18	SLE R	-32841.90	-0.03	0.25	0.00	24.13	4.06	60.92
4634	1980.00	18	SLE R	-30683.80	-0.01	0.09	0.00	24.13	3.79	56.91
4635	2040.00	18	SLE R	-28640.50	-0.00	0.00	0.00	24.13	3.54	53.12
4636	2100.00	18	SLE R	-26708.20	0.00	-0.03	0.00	24.13	3.30	49.54
4637	2160.00	18	SLE R	-24883.00	0.01	-0.04	0.00	24.13	3.08	46.15
4638	2220.00	18	SLE R	-23160.80	0.00	-0.04	0.00	24.13	2.86	42.96
4639	2280.00	18	SLE R	-21537.40	0.00	-0.02	0.00	24.13	2.66	39.95
4640	2340.00	18	SLE R	-20008.40	0.00	-0.01	0.00	24.13	2.47	37.11
4641	2400.00	18	SLE R	-18569.40	0.00	-0.01	0.00	24.13	2.30	34.44
4642	2460.00	18	SLE R	-17215.80	0.00	-0.00	0.00	24.13	2.13	31.93
4643	2520.00	18	SLE R	-15943.10	-0.00	0.00	0.00	24.13	1.97	29.57
4644	2580.00	18	SLE R	-14746.70	-0.00	0.00	0.00	24.13	1.82	27.35
4645	2640.00	18	SLE R	-13622.10	-0.00	0.00	0.00	24.13	1.68	25.27
4646	2700.00	18	SLE R	-12564.70	-0.00	0.00	0.00	24.13	1.55	23.30
4647	2760.00	18	SLE R	-11570.00	-0.00	0.00	0.00	24.13	1.43	21.46
4648	2820.00	18	SLE R	-10633.50	-0.00	0.00	0.00	24.13	1.31	19.72
4649	2880.00	18	SLE R	-9750.71	-0.00	0.00	0.00	24.13	1.21	18.09
4650	2940.00	18	SLE R	-8917.20	0.00	0.00	0.00	24.13	1.10	16.54
4651	0.00	18	SLE R	-133402.00	7091.91	-13901.30	0.00	24.13	31.57	452.26
4652	60.00	18	SLE R	-134580.00	7547.41	-14794.10	0.00	24.13	32.68	467.61
4653	120.00	18	SLE R	-134813.00	7562.59	-14823.90	0.00	24.13	32.74	468.48
4654	180.00	18	SLE R	-134183.00	6993.81	-13709.00	0.00	24.13	31.46	450.88
4655	240.00	18	SLE R	-132770.00	5939.87	-11643.10	0.00	24.13	29.04	417.82
4656	300.00	18	SLE R	-130654.00	4614.30	-9044.76	0.00	24.13	25.96	375.61
4657	360.00	18	SLE R	-127910.00	3247.06	-6364.74	0.00	24.13	22.72	331.03
4658	420.00	18	SLE R	-124612.00	2022.53	-3964.47	0.00	24.13	19.71	289.54
4659	480.00	18	SLE R	-120832.00	1052.49	-2063.05	0.00	24.13	17.18	254.51
4660	540.00	18	SLE R	-116633.00	374.38	-733.85	0.00	24.13	15.22	227.14
4661	600.00	18	SLE R	-112274.00	-36.97	72.47	0.00	24.13	13.96	209.31
4662	660.00	18	SLE R	-107882.00	-240.14	470.71	0.00	24.13	13.85	207.03
4663	720.00	18	SLE R	-103481.00	-300.94	589.89	0.00	24.13	13.44	200.62
4664	780.00	18	SLE R	-99093.30	-278.10	545.13	0.00	24.13	12.84	191.83
4665	840.00	18	SLE R	-94737.30	-216.73	424.83	0.00	24.13	12.18	181.97
4666	900.00	18	SLE R	-90430.40	-146.96	288.06	0.00	24.13	11.49	171.97
4667	960.00	18	SLE R	-86188.30	-85.72	168.03	0.00	24.13	10.84	162.33
4668	1020.00	18	SLE R	-82024.20	-40.07	78.55	0.00	24.13	10.23	153.29
4669	1080.00	18	SLE R	-77950.00	-10.65	20.88	0.00	24.13	9.66	144.89
4670	1140.00	18	SLE R	-73975.80	5.27	-10.33	0.00	24.13	9.16	137.36
4671	1200.00	18	SLE R	-70109.90	11.63	-22.80	0.00	24.13	8.69	130.37
4672	1260.00	18	SLE R	-66359.60	12.20	-23.91	0.00	24.13	8.23	123.43
4673	1320.00	18	SLE R	-62730.30	9.93	-19.47	0.00	24.13	7.78	116.64
4674	1380.00	18	SLE R	-59226.70	6.82	-13.37	0.00	24.13	7.34	110.05
4675	1440.00	18	SLE R	-55851.90	3.96	-7.77	0.00	24.13	6.91	103.71
4676	1500.00	18	SLE R	-52608.10	1.83	-3.59	0.00	24.13	6.51	97.63
4677	1560.00	18	SLE R	-49496.70	0.48	-0.94	0.00	24.13	6.12	91.82
4678	1620.00	18	SLE R	-46517.90	-0.22	0.44	0.00	24.13	5.75	86.29
4679	1680.00	18	SLE R	-43671.30	-0.48	0.94	0.00	24.13	5.40	81.01
4680	1740.00	18	SLE R	-40955.90	-0.48	0.95	0.00	24.13	5.07	75.98
4681	1800.00	18	SLE R	-38369.90	-0.38	0.74	0.00	24.13	4.75	71.18
4682	1860.00	18	SLE R	-35911.10	-0.24	0.47	0.00	24.13	4.44	66.61
4683	1920.00	18	SLE R	-33576.60	-0.13	0.25	0.00	24.13	4.15	62.28
4684	1980.00	18	SLE R	-31363.40	-0.05	0.10	0.00	24.13	3.88	58.17
4685	2040.00	18	SLE R	-29268.00	-0.00	0.01	0.00	24.13	3.62	54.28
4686	2100.00	18	SLE R	-27286.40	0.02	-0.03	0.00	24.13	3.37	50.61
4687	2160.00	18	SLE R	-25414.70	0.02	-0.04	0.00	24.13	3.14	47.14
4688	2220.00	18	SLE R	-23648.70	0.02	-0.03	0.00	24.13	2.92	43.86
4689	2280.00	18	SLE R	-21984.00	0.01	-0.02	0.00	24.13	2.72	40.78
4690	2340.00	18	SLE R	-20416.00	0.01	-0.01	0.00	24.13	2.52	37.87
4691	2400.00	18	SLE R	-18940.10	0.00	-0.01	0.00	24.13	2.34	35.13
4692	2460.00	18	SLE R	-17551.70	0.00	-0.00	0.00	24.13	2.17	32.55
4693	2520.00	18	SLE R	-16246.10	-0.00	0.00	0.00	24.13	2.01	30.13
4694	2580.00	18	SLE R	-15018.50	-0.00	0.00	0.00	24.13	1.86	27.86
4695	2640.00	18	SLE R	-13864.30	-0.00	0.00	0.00	24.13	1.71	25.71
4696	2700.00	18	SLE R	-12778.70	-0.00	0.00	0.00	24.13	1.58	23.70

4697	2760.00	18	SLE R	-11757.10	-0.00	0.00	0.00	24.13	1.45	21.81
4698	2820.00	18	SLE R	-10794.80	-0.00	0.00	0.00	24.13	1.33	20.02
4699	2880.00	18	SLE R	-9887.17	-0.00	0.00	0.00	24.13	1.22	18.34
4700	2940.00	18	SLE R	-9029.54	0.00	0.00	0.00	24.13	1.12	16.75
4701	0.00	18	SLE R	-216773.00	12829.50	-10491.10	0.00	24.13	42.98	617.04
4702	60.00	18	SLE R	-217951.00	13766.70	-11257.40	0.00	24.13	44.31	634.92
4703	120.00	18	SLE R	-217669.00	13880.40	-11350.30	0.00	24.13	44.42	636.31
4704	180.00	18	SLE R	-216059.00	12897.80	-10546.80	0.00	24.13	42.98	616.86
4705	240.00	18	SLE R	-213250.00	10997.80	-8993.20	0.00	24.13	40.24	579.81
4706	300.00	18	SLE R	-209368.00	8575.42	-7012.35	0.00	24.13	36.70	532.02
4707	360.00	18	SLE R	-204536.00	6058.79	-4954.43	0.00	24.13	32.93	480.89
4708	420.00	18	SLE R	-198872.00	3793.57	-3102.10	0.00	24.13	29.38	432.43
4709	480.00	18	SLE R	-192486.00	1991.43	-1628.44	0.00	24.13	26.31	390.38
4710	540.00	18	SLE R	-185483.00	725.97	-593.65	0.00	24.13	23.85	356.19
4711	600.00	18	SLE R	-178255.00	-46.15	37.73	0.00	24.13	22.10	331.39
4712	660.00	18	SLE R	-171001.00	-431.40	352.77	0.00	24.13	21.69	324.39
4713	720.00	18	SLE R	-163755.00	-550.84	450.44	0.00	24.13	20.94	312.95
4714	780.00	18	SLE R	-156552.00	-513.09	419.57	0.00	24.13	20.00	298.96
4715	840.00	18	SLE R	-149421.00	-402.02	328.74	0.00	24.13	18.98	283.88
4716	900.00	18	SLE R	-142388.00	-273.94	224.01	0.00	24.13	17.95	268.69
4717	960.00	18	SLE R	-135477.00	-160.76	131.46	0.00	24.13	16.95	253.97
4718	1020.00	18	SLE R	-128709.00	-75.94	62.10	0.00	24.13	16.01	240.00
4719	1080.00	18	SLE R	-122101.00	-20.99	17.16	0.00	24.13	15.12	226.82
4720	1140.00	18	SLE R	-115667.00	8.97	-7.34	0.00	24.13	14.31	214.69
4721	1200.00	18	SLE R	-109421.00	21.13	-17.28	0.00	24.13	13.56	203.30
4722	1260.00	18	SLE R	-103372.00	22.43	-18.35	0.00	24.13	12.81	192.11
4723	1320.00	18	SLE R	-97528.90	18.39	-15.04	0.00	24.13	12.08	181.20
4724	1380.00	18	SLE R	-91896.80	12.69	-10.38	0.00	24.13	11.38	170.66
4725	1440.00	18	SLE R	-86480.10	7.42	-6.07	0.00	24.13	10.70	160.52
4726	1500.00	18	SLE R	-81281.60	3.46	-2.83	0.00	24.13	10.05	150.81
4727	1560.00	18	SLE R	-76302.00	0.94	-0.77	0.00	24.13	9.44	141.54
4728	1620.00	18	SLE R	-71541.20	-0.38	0.31	0.00	24.13	8.85	132.70
4729	1680.00	18	SLE R	-66997.50	-0.87	0.71	0.00	24.13	8.29	124.28
4730	1740.00	18	SLE R	-62668.20	-0.89	0.73	0.00	24.13	7.75	116.25
4731	1800.00	18	SLE R	-58549.80	-0.70	0.57	0.00	24.13	7.24	108.61
4732	1860.00	18	SLE R	-54637.80	-0.45	0.37	0.00	24.13	6.76	101.35
4733	1920.00	18	SLE R	-50927.10	-0.24	0.20	0.00	24.13	6.30	94.46
4734	1980.00	18	SLE R	-47411.70	-0.09	0.08	0.00	24.13	5.86	87.94
4735	2040.00	18	SLE R	-44085.40	-0.01	0.01	0.00	24.13	5.45	81.77
4736	2100.00	18	SLE R	-40941.40	0.03	-0.02	0.00	24.13	5.06	75.94
4737	2160.00	18	SLE R	-37972.40	0.04	-0.03	0.00	24.13	4.70	70.43
4738	2220.00	18	SLE R	-35171.00	0.03	-0.03	0.00	24.13	4.35	65.23
4739	2280.00	18	SLE R	-32529.50	0.02	-0.02	0.00	24.13	4.02	60.33
4740	2340.00	18	SLE R	-30039.90	0.01	-0.01	0.00	24.13	3.71	55.72
4741	2400.00	18	SLE R	-27694.10	0.01	-0.00	0.00	24.13	3.42	51.37
4742	2460.00	18	SLE R	-25484.00	0.00	-0.00	0.00	24.13	3.15	47.27
4743	2520.00	18	SLE R	-23401.20	-0.00	0.00	0.00	24.13	2.89	43.40
4744	2580.00	18	SLE R	-21437.50	-0.00	0.00	0.00	24.13	2.65	39.76
4745	2640.00	18	SLE R	-19584.50	-0.00	0.00	0.00	24.13	2.42	36.32
4746	2700.00	18	SLE R	-17833.70	-0.00	0.00	0.00	24.13	2.21	33.08
4747	2760.00	18	SLE R	-16176.60	-0.00	0.00	0.00	24.13	2.00	30.00
4748	2820.00	18	SLE R	-14604.80	-0.00	0.00	0.00	24.13	1.81	27.09
4749	2880.00	18	SLE R	-13109.70	-0.00	0.00	0.00	24.13	1.62	24.32
4750	2940.00	18	SLE R	-11682.60	0.00	0.00	0.00	24.13	1.44	21.67
4751	0.00	18	SLE R	-348139.00	16983.60	-2152.97	0.00	24.13	59.66	868.93
4752	60.00	18	SLE R	-349317.00	18255.60	-2314.21	0.00	24.13	61.05	887.84
4753	120.00	18	SLE R	-348224.00	18430.10	-2336.33	0.00	24.13	61.08	888.10
4754	180.00	18	SLE R	-345069.00	17142.20	-2173.07	0.00	24.13	59.43	865.33
4755	240.00	18	SLE R	-340059.00	14628.90	-1854.47	0.00	24.13	56.35	823.00
4756	300.00	18	SLE R	-333397.00	11415.40	-1447.10	0.00	24.13	52.39	768.41
4757	360.00	18	SLE R	-325275.00	8071.91	-1023.25	0.00	24.13	48.11	709.40
4758	420.00	18	SLE R	-315881.00	5059.34	-641.36	0.00	24.13	44.01	652.38
4759	480.00	18	SLE R	-305390.00	2660.53	-337.27	0.00	24.13	40.36	601.39
4760	540.00	18	SLE R	-293968.00	974.57	-123.54	0.00	24.13	37.30	558.05
4761	600.00	18	SLE R	-282221.00	-55.32	7.01	0.00	24.13	34.95	524.18
4762	660.00	18	SLE R	-270456.00	-570.25	72.29	0.00	24.13	34.00	509.12
4763	720.00	18	SLE R	-258727.00	-730.98	92.66	0.00	24.13	32.71	489.48
4764	780.00	18	SLE R	-247088.00	-682.00	86.45	0.00	24.13	31.22	467.25
4765	840.00	18	SLE R	-235584.00	-534.96	67.81	0.00	24.13	29.65	443.98
4766	900.00	18	SLE R	-224257.00	-364.89	46.26	0.00	24.13	28.09	420.74
4767	960.00	18	SLE R	-213142.00	-214.39	27.18	0.00	24.13	26.56	398.14
4768	1020.00	18	SLE R	-202270.00	-101.48	12.86	0.00	24.13	25.11	376.50
4769	1080.00	18	SLE R	-191669.00	-28.26	3.58	0.00	24.13	23.73	355.87
4770	1140.00	18	SLE R	-181360.00	11.72	-1.49	0.00	24.13	22.44	336.53
4771	1200.00	18	SLE R	-171363.00	27.99	-3.55	0.00	24.13	21.22	318.20
4772	1260.00	18	SLE R	-161693.00	29.80	-3.78	0.00	24.13	20.02	300.29
4773	1320.00	18	SLE R	-152360.00	24.47	-3.10	0.00	24.13	18.86	282.91
4774	1380.00	18	SLE R	-143374.00	16.90	-2.14	0.00	24.13	17.74	266.15
4775	1440.00	18	SLE R	-134741.00	9.90	-1.25	0.00	24.13	16.67	250.04
4776	1500.00	18	SLE R	-126462.00	4.62	-0.59	0.00	24.13	15.64	234.62
4777	1560.00	18	SLE R	-118539.00	1.27	-0.16	0.00	24.13	14.66	219.88
4778	1620.00	18	SLE R	-110970.00	-0.50	0.06	0.00	24.13	13.72	205.83
4779	1680.00	18	SLE R	-103752.00	-1.16	0.15	0.00	24.13	12.83	192.45
4780	1740.00	18	SLE R	-96879.90	-1.19	0.15	0.00	24.13	11.98	179.70

4781	1800.00	18	SLE R	-90346.90	-0.93	0.12	0.00	24.13	11.17	167.58
4782	1860.00	18	SLE R	-84145.20	-0.60	0.08	0.00	24.13	10.41	156.08
4783	1920.00	18	SLE R	-78265.80	-0.32	0.04	0.00	24.13	9.68	145.17
4784	1980.00	18	SLE R	-72698.70	-0.13	0.02	0.00	24.13	8.99	134.84
4785	2040.00	18	SLE R	-67433.00	-0.01	0.00	0.00	24.13	8.34	125.07
4786	2100.00	18	SLE R	-62457.30	0.04	-0.00	0.00	24.13	7.72	115.84
4787	2160.00	18	SLE R	-57759.30	0.05	-0.01	0.00	24.13	7.14	107.13
4788	2220.00	18	SLE R	-53326.50	0.04	-0.01	0.00	24.13	6.59	98.91
4789	2280.00	18	SLE R	-49145.90	0.03	-0.00	0.00	24.13	6.08	91.15
4790	2340.00	18	SLE R	-45204.10	0.02	-0.00	0.00	24.13	5.59	83.84
4791	2400.00	18	SLE R	-41487.70	0.01	-0.00	0.00	24.13	5.13	76.95
4792	2460.00	18	SLE R	-37982.80	0.00	-0.00	0.00	24.13	4.70	70.45
4793	2520.00	18	SLE R	-34675.60	-0.00	0.00	0.00	24.13	4.29	64.31
4794	2580.00	18	SLE R	-31551.90	-0.00	0.00	0.00	24.13	3.90	58.52
4795	2640.00	18	SLE R	-28597.70	-0.00	0.00	0.00	24.13	3.54	53.04
4796	2700.00	18	SLE R	-25798.60	-0.00	0.00	0.00	24.13	3.19	47.85
4797	2760.00	18	SLE R	-23140.30	-0.00	0.00	0.00	24.13	2.86	42.92
4798	2820.00	18	SLE R	-20608.10	-0.00	0.00	0.00	24.13	2.55	38.22
4799	2880.00	18	SLE R	-18187.40	-0.00	0.00	0.00	24.13	2.25	33.73
4800	2940.00	18	SLE R	-15863.00	0.00	0.00	0.00	24.13	1.96	29.42
4801	0.00	18	SLE R	-477322.00	13813.40	9158.79	0.00	24.13	75.21	1102.74
4802	60.00	18	SLE R	-478501.00	14822.40	9827.83	0.00	24.13	76.54	1120.80
4803	120.00	18	SLE R	-477009.00	14944.90	9909.03	0.00	24.13	76.50	1119.96
4804	180.00	18	SLE R	-473156.00	13887.00	9207.59	0.00	24.13	74.79	1096.17
4805	240.00	18	SLE R	-467142.00	11841.30	7851.25	0.00	24.13	71.64	1052.81
4806	300.00	18	SLE R	-459131.00	9233.16	6121.94	0.00	24.13	67.60	996.90
4807	360.00	18	SLE R	-449266.00	6523.52	4325.34	0.00	24.13	63.20	935.96
4808	420.00	18	SLE R	-437674.00	4084.56	2708.22	0.00	24.13	58.91	876.07
4809	480.00	18	SLE R	-424474.00	2144.20	1421.68	0.00	24.13	55.00	821.04
4810	540.00	18	SLE R	-409773.00	781.67	518.28	0.00	24.13	51.58	772.33
4811	600.00	18	SLE R	-394263.00	-49.67	-32.93	0.00	24.13	48.81	732.04
4812	660.00	18	SLE R	-378287.00	-464.49	-307.97	0.00	24.13	47.32	708.94
4813	720.00	18	SLE R	-361884.00	-593.09	-393.24	0.00	24.13	45.44	680.54
4814	780.00	18	SLE R	-345426.00	-552.44	-366.29	0.00	24.13	43.36	649.38
4815	840.00	18	SLE R	-329172.00	-432.86	-287.00	0.00	24.13	41.21	617.35
4816	900.00	18	SLE R	-313179.00	-294.95	-195.57	0.00	24.13	39.07	585.51
4817	960.00	18	SLE R	-297496.00	-173.09	-114.76	0.00	24.13	36.99	554.50
4818	1020.00	18	SLE R	-282166.00	-81.76	-54.21	0.00	24.13	34.99	524.63
4819	1080.00	18	SLE R	-267226.00	-22.60	-14.98	0.00	24.13	33.07	495.99
4820	1140.00	18	SLE R	-252708.00	9.66	6.41	0.00	24.13	31.26	468.86
4821	1200.00	18	SLE R	-238636.00	22.75	15.08	0.00	24.13	29.53	442.97
4822	1260.00	18	SLE R	-225030.00	24.16	16.02	0.00	24.13	27.85	417.75
4823	1320.00	18	SLE R	-211906.00	19.80	13.13	0.00	24.13	26.23	393.35
4824	1380.00	18	SLE R	-199276.00	13.67	9.06	0.00	24.13	24.66	369.82
4825	1440.00	18	SLE R	-187146.00	7.99	5.30	0.00	24.13	23.15	347.24
4826	1500.00	18	SLE R	-175520.00	3.73	2.47	0.00	24.13	21.71	325.61
4827	1560.00	18	SLE R	-164398.00	1.01	0.67	0.00	24.13	20.33	304.93
4828	1620.00	18	SLE R	-153777.00	-0.41	-0.27	0.00	24.13	19.02	285.23
4829	1680.00	18	SLE R	-143652.00	-0.94	-0.62	0.00	24.13	17.76	266.45
4830	1740.00	18	SLE R	-134016.00	-0.96	-0.64	0.00	24.13	16.57	248.58
4831	1800.00	18	SLE R	-124857.00	-0.75	-0.50	0.00	24.13	15.44	231.59
4832	1860.00	18	SLE R	-116166.00	-0.49	-0.32	0.00	24.13	14.36	215.47
4833	1920.00	18	SLE R	-107928.00	-0.26	-0.17	0.00	24.13	13.35	200.18
4834	1980.00	18	SLE R	-100129.00	-0.10	-0.07	0.00	24.13	12.38	185.72
4835	2040.00	18	SLE R	-92752.70	-0.01	-0.01	0.00	24.13	11.47	172.03
4836	2100.00	18	SLE R	-85783.20	0.03	0.02	0.00	24.13	10.61	159.11
4837	2160.00	18	SLE R	-79202.70	0.04	0.03	0.00	24.13	9.79	146.90
4838	2220.00	18	SLE R	-72993.00	0.03	0.02	0.00	24.13	9.03	135.38
4839	2280.00	18	SLE R	-67135.10	0.02	0.02	0.00	24.13	8.30	124.52
4840	2340.00	18	SLE R	-61610.10	0.01	0.01	0.00	24.13	7.62	114.27
4841	2400.00	18	SLE R	-56398.20	0.01	0.00	0.00	24.13	6.97	104.61
4842	2460.00	18	SLE R	-51479.70	0.00	0.00	0.00	24.13	6.37	95.48
4843	2520.00	18	SLE R	-46834.30	-0.00	-0.00	0.00	24.13	5.79	86.87
4844	2580.00	18	SLE R	-42441.80	-0.00	-0.00	0.00	24.13	5.25	78.72
4845	2640.00	18	SLE R	-38281.60	-0.00	-0.00	0.00	24.13	4.73	71.00
4846	2700.00	18	SLE R	-34333.00	-0.00	-0.00	0.00	24.13	4.25	63.68
4847	2760.00	18	SLE R	-30574.80	-0.00	-0.00	0.00	24.13	3.78	56.71
4848	2820.00	18	SLE R	-26986.00	-0.00	-0.00	0.00	24.13	3.34	50.05
4849	2880.00	18	SLE R	-23544.70	-0.00	-0.00	0.00	24.13	2.91	43.67
4850	2940.00	18	SLE R	-20229.00	0.00	0.00	0.00	24.13	2.50	37.52
4851	0.00	18	SLE R	-554980.00	2075.60	15553.00	0.00	24.13	83.83	1233.77
4852	60.00	18	SLE R	-556159.00	2208.24	16546.90	0.00	24.13	84.95	1249.02
4853	120.00	18	SLE R	-554667.00	2212.17	16576.30	0.00	24.13	84.80	1246.64
4854	180.00	18	SLE R	-550814.00	2045.43	15326.90	0.00	24.13	83.10	1223.07
4855	240.00	18	SLE R	-544800.00	1736.93	13015.20	0.00	24.13	80.09	1181.53
4856	300.00	18	SLE R	-536789.00	1349.12	10109.30	0.00	24.13	76.26	1128.48
4857	360.00	18	SLE R	-526924.00	949.22	7112.75	0.00	24.13	72.11	1070.80
4858	420.00	18	SLE R	-515332.00	591.14	4429.52	0.00	24.13	68.05	1014.03
4859	480.00	18	SLE R	-502131.00	307.51	2304.28	0.00	24.13	64.34	961.62
4860	540.00	18	SLE R	-487431.00	109.28	818.87	0.00	24.13	61.07	914.83
4861	600.00	18	SLE R	-471921.00	-10.94	-82.01	0.00	24.13	58.43	876.37
4862	660.00	18	SLE R	-455945.00	-70.30	-526.77	0.00	24.13	56.89	852.59
4863	720.00	18	SLE R	-439542.00	-88.04	-659.70	0.00	24.13	54.99	823.91
4864	780.00	18	SLE R	-422750.00	-81.33	-609.45	0.00	24.13	52.87	792.11

4865	840.00	18	SLE R	-405606.00	-63.37	-474.87	0.00	24.13	50.62	758.54
4866	900.00	18	SLE R	-388147.00	-42.96	-321.93	0.00	24.13	48.31	724.15
4867	960.00	18	SLE R	-370409.00	-25.05	-187.74	0.00	24.13	45.98	689.48
4868	1020.00	18	SLE R	-352427.00	-11.71	-87.73	0.00	24.13	43.66	654.82
4869	1080.00	18	SLE R	-334235.00	-3.11	-23.29	0.00	24.13	41.35	620.23
4870	1140.00	18	SLE R	-315982.00	1.55	11.59	0.00	24.13	39.08	586.22
4871	1200.00	18	SLE R	-298294.00	3.40	25.50	0.00	24.13	36.91	553.60
4872	1260.00	18	SLE R	-281198.00	3.57	26.73	0.00	24.13	34.80	521.90
4873	1320.00	18	SLE R	-264711.00	2.90	21.77	0.00	24.13	32.75	491.26
4874	1380.00	18	SLE R	-248847.00	1.99	14.94	0.00	24.13	30.78	461.75
4875	1440.00	18	SLE R	-233615.00	1.16	8.68	0.00	24.13	28.89	433.41
4876	1500.00	18	SLE R	-219019.00	0.53	4.00	0.00	24.13	27.09	406.28
4877	1560.00	18	SLE R	-205058.00	0.14	1.05	0.00	24.13	25.36	380.35
4878	1620.00	18	SLE R	-191729.00	-0.07	-0.49	0.00	24.13	23.71	355.62
4879	1680.00	18	SLE R	-179024.00	-0.14	-1.05	0.00	24.13	22.14	332.06
4880	1740.00	18	SLE R	-166934.00	-0.14	-1.06	0.00	24.13	20.64	309.63
4881	1800.00	18	SLE R	-155445.00	-0.11	-0.82	0.00	24.13	19.22	288.32
4882	1860.00	18	SLE R	-144543.00	-0.07	-0.53	0.00	24.13	17.87	268.10
4883	1920.00	18	SLE R	-134211.00	-0.04	-0.28	0.00	24.13	16.60	248.93
4884	1980.00	18	SLE R	-124430.00	-0.01	-0.11	0.00	24.13	15.39	230.79
4885	2040.00	18	SLE R	-115180.00	-0.00	-0.01	0.00	24.13	14.24	213.63
4886	2100.00	18	SLE R	-106439.00	0.00	0.03	0.00	24.13	13.16	197.42
4887	2160.00	18	SLE R	-98185.40	0.01	0.04	0.00	24.13	12.14	182.11
4888	2220.00	18	SLE R	-90396.00	0.00	0.04	0.00	24.13	11.18	167.66
4889	2280.00	18	SLE R	-83046.70	0.00	0.03	0.00	24.13	10.27	154.03
4890	2340.00	18	SLE R	-76113.00	0.00	0.01	0.00	24.13	9.41	141.17
4891	2400.00	18	SLE R	-69570.00	0.00	0.01	0.00	24.13	8.60	129.03
4892	2460.00	18	SLE R	-63392.30	0.00	0.00	0.00	24.13	7.84	117.58
4893	2520.00	18	SLE R	-57554.20	-0.00	-0.00	0.00	24.13	7.12	106.75
4894	2580.00	18	SLE R	-52029.70	-0.00	-0.00	0.00	24.13	6.43	96.50
4895	2640.00	18	SLE R	-46792.60	-0.00	-0.00	0.00	24.13	5.79	86.79
4896	2700.00	18	SLE R	-41816.30	-0.00	-0.00	0.00	24.13	5.17	77.56
4897	2760.00	18	SLE R	-37073.80	-0.00	-0.00	0.00	24.13	4.58	68.76
4898	2820.00	18	SLE R	-32537.80	-0.00	-0.00	0.00	24.13	4.02	60.35
4899	2880.00	18	SLE R	-28180.40	-0.00	-0.00	0.00	24.13	3.48	52.27
4900	2940.00	18	SLE R	-23973.20	0.00	0.00	0.00	24.13	2.96	44.46
4901	0.00	18	SLE R	-551450.00	-11108.80	11150.00	0.00	24.13	83.39	1222.72
4902	60.00	18	SLE R	-552628.00	-11588.90	11631.80	0.00	24.13	84.20	1233.55
4903	120.00	18	SLE R	-551137.00	-11434.60	11476.90	0.00	24.13	83.80	1228.01
4904	180.00	18	SLE R	-547284.00	-10448.00	10486.70	0.00	24.13	81.97	1203.10
4905	240.00	18	SLE R	-541270.00	-8783.33	8815.85	0.00	24.13	78.95	1161.99
4906	300.00	18	SLE R	-533259.00	-6757.31	6782.33	0.00	24.13	75.19	1110.67
4907	360.00	18	SLE R	-523394.00	-4704.86	4722.28	0.00	24.13	71.16	1055.44
4908	420.00	18	SLE R	-511802.00	-2889.98	2900.68	0.00	24.13	67.24	1001.27
4909	480.00	18	SLE R	-498601.00	-1468.15	1473.59	0.00	24.13	63.66	951.20
4910	540.00	18	SLE R	-483901.00	-485.90	487.70	0.00	24.13	60.50	906.26
4911	600.00	18	SLE R	-468391.00	100.73	-101.10	0.00	24.13	58.05	870.56
4912	660.00	18	SLE R	-452415.00	382.37	-383.79	0.00	24.13	56.46	846.00
4913	720.00	18	SLE R	-436012.00	458.13	-459.83	0.00	24.13	54.54	816.94
4914	780.00	18	SLE R	-419220.00	415.00	-416.54	0.00	24.13	52.40	785.02
4915	840.00	18	SLE R	-402076.00	318.97	-320.15	0.00	24.13	50.15	751.49
4916	900.00	18	SLE R	-384617.00	213.49	-214.28	0.00	24.13	47.85	717.21
4917	960.00	18	SLE R	-366879.00	122.55	-123.00	0.00	24.13	45.53	682.67
4918	1020.00	18	SLE R	-348897.00	55.66	-55.87	0.00	24.13	43.22	648.12
4919	1080.00	18	SLE R	-330705.00	13.15	-13.20	0.00	24.13	40.91	613.61
4920	1140.00	18	SLE R	-312648.00	-9.42	9.45	0.00	24.13	38.67	580.05
4921	1200.00	18	SLE R	-295151.00	-18.04	18.11	0.00	24.13	36.52	547.76
4922	1260.00	18	SLE R	-278239.00	-18.35	18.41	0.00	24.13	34.43	516.39
4923	1320.00	18	SLE R	-261929.00	-14.69	14.74	0.00	24.13	32.41	486.08
4924	1380.00	18	SLE R	-246235.00	-9.94	9.98	0.00	24.13	30.46	456.88
4925	1440.00	18	SLE R	-231167.00	-5.69	5.71	0.00	24.13	28.59	428.86
4926	1500.00	18	SLE R	-216727.00	-2.55	2.56	0.00	24.13	26.80	402.02
4927	1560.00	18	SLE R	-202916.00	-0.60	0.60	0.00	24.13	25.09	376.37
4928	1620.00	18	SLE R	-189729.00	0.39	-0.39	0.00	24.13	23.46	351.91
4929	1680.00	18	SLE R	-177161.00	0.74	-0.75	0.00	24.13	21.91	328.60
4930	1740.00	18	SLE R	-165200.00	0.73	-0.73	0.00	24.13	20.43	306.42
4931	1800.00	18	SLE R	-153834.00	0.55	-0.56	0.00	24.13	19.02	285.33
4932	1860.00	18	SLE R	-143048.00	0.35	-0.35	0.00	24.13	17.69	265.32
4933	1920.00	18	SLE R	-132826.00	0.18	-0.18	0.00	24.13	16.42	246.36
4934	1980.00	18	SLE R	-123150.00	0.07	-0.07	0.00	24.13	15.23	228.41
4935	2040.00	18	SLE R	-113998.00	0.00	-0.00	0.00	24.13	14.10	211.44
4936	2100.00	18	SLE R	-105351.00	-0.02	0.02	0.00	24.13	13.03	195.40
4937	2160.00	18	SLE R	-97185.40	-0.03	0.03	0.00	24.13	12.02	180.25
4938	2220.00	18	SLE R	-89479.20	-0.03	0.03	0.00	24.13	11.06	165.96
4939	2280.00	18	SLE R	-82208.50	-0.02	0.02	0.00	24.13	10.17	152.48
4940	2340.00	18	SLE R	-75349.00	-0.01	0.01	0.00	24.13	9.32	139.75
4941	2400.00	18	SLE R	-68876.10	-0.00	0.00	0.00	24.13	8.52	127.75
4942	2460.00	18	SLE R	-62764.70	-0.00	0.00	0.00	24.13	7.76	116.41
4943	2520.00	18	SLE R	-56989.40	0.00	-0.00	0.00	24.13	7.05	105.70
4944	2580.00	18	SLE R	-51524.60	0.00	-0.00	0.00	24.13	6.37	95.57
4945	2640.00	18	SLE R	-46344.30	0.00	-0.00	0.00	24.13	5.73	85.96
4946	2700.00	18	SLE R	-41422.10	0.00	-0.00	0.00	24.13	5.12	76.83
4947	2760.00	18	SLE R	-36731.40	0.00	-0.00	0.00	24.13	4.54	68.13
4948	2820.00	18	SLE R	-32245.30	0.00	-0.00	0.00	24.13	3.99	59.81

4949	2880.00	18	SLE R	-27936.20	0.00	-0.00	0.00	24.13	3.45	51.81
4950	2940.00	18	SLE R	-23775.90	0.00	0.00	0.00	24.13	2.94	44.10
4951	0.00	18	SLE R	-468080.00	-16619.90	-922.35	0.00	24.13	74.13	1086.62
4952	60.00	18	SLE R	-469258.00	-16904.10	-938.12	0.00	24.13	74.56	1092.54
4953	120.00	18	SLE R	-467767.00	-16342.40	-906.95	0.00	24.13	73.82	1082.39
4954	180.00	18	SLE R	-463914.00	-14688.50	-815.16	0.00	24.13	71.73	1053.50
4955	240.00	18	SLE R	-457900.00	-12172.50	-675.53	0.00	24.13	68.52	1009.28
4956	300.00	18	SLE R	-449889.00	-9234.93	-512.51	0.00	24.13	64.66	955.81
4957	360.00	18	SLE R	-440023.00	-6330.11	-351.30	0.00	24.13	60.60	899.33
4958	420.00	18	SLE R	-428432.00	-3806.73	-211.26	0.00	24.13	56.70	844.67
4959	480.00	18	SLE R	-415231.00	-1861.04	-103.28	0.00	24.13	53.16	794.61
4960	540.00	18	SLE R	-400530.00	-540.09	-29.97	0.00	24.13	50.05	749.98
4961	600.00	18	SLE R	-385020.00	230.27	12.78	0.00	24.13	47.83	717.14
4962	660.00	18	SLE R	-369044.00	583.63	32.39	0.00	24.13	46.20	692.16
4963	720.00	18	SLE R	-352872.00	660.76	36.67	0.00	24.13	44.28	663.17
4964	780.00	18	SLE R	-336835.00	582.56	32.33	0.00	24.13	42.22	632.40
4965	840.00	18	SLE R	-320996.00	439.06	24.37	0.00	24.13	40.12	601.14
4966	900.00	18	SLE R	-305410.00	288.36	16.00	0.00	24.13	38.05	570.25
4967	960.00	18	SLE R	-290126.00	161.55	8.97	0.00	24.13	36.03	540.24
4968	1020.00	18	SLE R	-275186.00	70.06	3.89	0.00	24.13	34.10	511.32
4969	1080.00	18	SLE R	-260626.00	13.10	0.73	0.00	24.13	32.24	483.57
4970	1140.00	18	SLE R	-246475.00	-16.25	-0.90	0.00	24.13	30.49	457.36
4971	1200.00	18	SLE R	-232759.00	-26.66	-1.48	0.00	24.13	28.81	432.06
4972	1260.00	18	SLE R	-219497.00	-26.03	-1.44	0.00	24.13	27.17	407.45
4973	1320.00	18	SLE R	-206705.00	-20.36	-1.13	0.00	24.13	25.58	383.65
4974	1380.00	18	SLE R	-194393.00	-13.51	-0.75	0.00	24.13	24.05	360.73
4975	1440.00	18	SLE R	-182569.00	-7.54	-0.42	0.00	24.13	22.58	338.72
4976	1500.00	18	SLE R	-171235.00	-3.24	-0.18	0.00	24.13	21.18	317.64
4977	1560.00	18	SLE R	-160393.00	-0.62	-0.03	0.00	24.13	19.83	297.50
4978	1620.00	18	SLE R	-150039.00	0.67	0.04	0.00	24.13	18.55	278.29
4979	1680.00	18	SLE R	-140168.00	1.09	0.06	0.00	24.13	17.33	259.99
4980	1740.00	18	SLE R	-130773.00	1.03	0.06	0.00	24.13	16.17	242.56
4981	1800.00	18	SLE R	-121844.00	0.76	0.04	0.00	24.13	15.07	226.00
4982	1860.00	18	SLE R	-113370.00	0.47	0.03	0.00	24.13	14.02	210.28
4983	1920.00	18	SLE R	-105339.00	0.24	0.01	0.00	24.13	13.03	195.38
4984	1980.00	18	SLE R	-97734.80	0.08	0.00	0.00	24.13	12.09	181.28
4985	2040.00	18	SLE R	-90543.50	-0.00	-0.00	0.00	24.13	11.20	167.94
4986	2100.00	18	SLE R	-83748.50	-0.04	-0.00	0.00	24.13	10.36	155.33
4987	2160.00	18	SLE R	-77332.80	-0.04	-0.00	0.00	24.13	9.56	143.43
4988	2220.00	18	SLE R	-71278.60	-0.04	-0.00	0.00	24.13	8.81	132.21
4989	2280.00	18	SLE R	-65567.80	-0.02	-0.00	0.00	24.13	8.11	121.61
4990	2340.00	18	SLE R	-60181.50	-0.01	-0.00	0.00	24.13	7.44	111.62
4991	2400.00	18	SLE R	-55100.70	-0.00	-0.00	0.00	24.13	6.81	102.20
4992	2460.00	18	SLE R	-50306.20	-0.00	-0.00	0.00	24.13	6.22	93.31
4993	2520.00	18	SLE R	-45778.40	0.00	0.00	0.00	24.13	5.66	84.91
4994	2580.00	18	SLE R	-41497.40	0.00	0.00	0.00	24.13	5.13	76.97
4995	2640.00	18	SLE R	-37443.30	0.00	0.00	0.00	24.13	4.63	69.45
4996	2700.00	18	SLE R	-33595.80	0.00	0.00	0.00	24.13	4.15	62.31
4997	2760.00	18	SLE R	-29934.70	0.00	0.00	0.00	24.13	3.70	55.52
4998	2820.00	18	SLE R	-26439.10	0.00	0.00	0.00	24.13	3.27	49.04
4999	2880.00	18	SLE R	-23088.10	0.00	0.00	0.00	24.13	2.85	42.82
5000	2940.00	18	SLE R	-19860.20	0.00	0.00	0.00	24.13	2.46	36.84
5001	0.00	20	SLE Q	-342176.00	-14705.20	-4778.00	0.00	24.13	57.43	833.43
5002	60.00	20	SLE Q	-343354.00	-14587.30	-4739.70	0.00	24.13	57.46	834.03
5003	120.00	20	SLE Q	-342298.00	-13808.60	-4486.70	0.00	24.13	56.52	821.54
5004	180.00	20	SLE Q	-339214.00	-12193.90	-3962.05	0.00	24.13	54.48	793.99
5005	240.00	20	SLE Q	-334304.00	-9945.95	-3231.64	0.00	24.13	51.56	754.50
5006	300.00	20	SLE Q	-327767.00	-7426.52	-2413.02	0.00	24.13	48.16	708.32
5007	360.00	20	SLE Q	-319795.00	-4997.51	-1623.79	0.00	24.13	44.68	660.70
5008	420.00	20	SLE Q	-310570.00	-2928.14	-951.41	0.00	24.13	41.41	615.61
5009	480.00	20	SLE Q	-300266.00	-1361.11	-442.25	0.00	24.13	38.53	575.32
5010	540.00	20	SLE Q	-289044.00	-318.81	-103.59	0.00	24.13	36.07	540.41
5011	600.00	20	SLE Q	-277503.00	271.47	88.21	0.00	24.13	34.59	518.37
5012	660.00	20	SLE Q	-265942.00	526.23	170.98	0.00	24.13	33.42	500.37
5013	720.00	20	SLE Q	-254417.00	563.65	183.14	0.00	24.13	32.04	479.50
5014	780.00	20	SLE Q	-242979.00	482.83	156.88	0.00	24.13	30.54	457.19
5015	840.00	20	SLE Q	-231674.00	356.00	115.67	0.00	24.13	29.01	434.51
5016	900.00	20	SLE Q	-220541.00	228.71	74.31	0.00	24.13	27.51	412.14
5017	960.00	20	SLE Q	-209617.00	124.39	40.42	0.00	24.13	26.05	390.47
5018	1020.00	20	SLE Q	-198931.00	50.75	16.49	0.00	24.13	24.65	369.65
5019	1080.00	20	SLE Q	-188511.00	5.99	1.95	0.00	24.13	23.32	349.72
5020	1140.00	20	SLE Q	-178379.00	-16.22	-5.27	0.00	24.13	22.07	331.07
5021	1200.00	20	SLE Q	-168552.00	-23.31	-7.57	0.00	24.13	20.87	312.94
5022	1260.00	20	SLE Q	-159046.00	-21.83	-7.09	0.00	24.13	19.69	295.29
5023	1320.00	20	SLE Q	-149872.00	-16.64	-5.41	0.00	24.13	18.55	278.20
5024	1380.00	20	SLE Q	-141038.00	-10.78	-3.50	0.00	24.13	17.45	261.74
5025	1440.00	20	SLE Q	-132550.00	-5.85	-1.90	0.00	24.13	16.40	245.93
5026	1500.00	20	SLE Q	-124411.00	-2.38	-0.77	0.00	24.13	15.39	230.78
5027	1560.00	20	SLE Q	-116622.00	-0.31	-0.10	0.00	24.13	14.42	216.31
5028	1620.00	20	SLE Q	-109180.00	0.67	0.22	0.00	24.13	13.50	202.51
5029	1680.00	20	SLE Q	-102084.00	0.95	0.31	0.00	24.13	12.62	189.35
5030	1740.00	20	SLE Q	-95327.10	0.86	0.28	0.00	24.13	11.79	176.82
5031	1800.00	20	SLE Q	-88903.70	0.62	0.20	0.00	24.13	10.99	164.90
5032	1860.00	20	SLE Q	-82806.00	0.38	0.12	0.00	24.13	10.24	153.59

5033	1920.00	20	SLE Q	-77025.00	0.18	0.06	0.00	24.13	9.52	142.87
5034	1980.00	20	SLE Q	-71551.00	0.06	0.02	0.00	24.13	8.85	132.71
5035	2040.00	20	SLE Q	-66373.40	-0.01	-0.00	0.00	24.13	8.21	123.11
5036	2100.00	20	SLE Q	-61480.70	-0.03	-0.01	0.00	24.13	7.60	114.03
5037	2160.00	20	SLE Q	-56861.20	-0.04	-0.01	0.00	24.13	7.03	105.46
5038	2220.00	20	SLE Q	-52502.50	-0.03	-0.01	0.00	24.13	6.49	97.38
5039	2280.00	20	SLE Q	-48391.70	-0.02	-0.01	0.00	24.13	5.98	89.75
5040	2340.00	20	SLE Q	-44515.80	-0.01	-0.00	0.00	24.13	5.50	82.57
5041	2400.00	20	SLE Q	-40861.60	-0.00	-0.00	0.00	24.13	5.05	75.79
5042	2460.00	20	SLE Q	-37415.50	-0.00	-0.00	0.00	24.13	4.63	69.40
5043	2520.00	20	SLE Q	-34163.90	0.00	0.00	0.00	24.13	4.22	63.37
5044	2580.00	20	SLE Q	-31092.90	0.00	0.00	0.00	24.13	3.84	57.67
5045	2640.00	20	SLE Q	-28188.60	0.00	0.00	0.00	24.13	3.49	52.28
5046	2700.00	20	SLE Q	-25437.10	0.00	0.00	0.00	24.13	3.15	47.18
5047	2760.00	20	SLE Q	-22824.20	0.00	0.00	0.00	24.13	2.82	42.33
5048	2820.00	20	SLE Q	-20335.70	0.00	0.00	0.00	24.13	2.51	37.72
5049	2880.00	20	SLE Q	-17956.90	0.00	0.00	0.00	24.13	2.22	33.31
5050	2940.00	20	SLE Q	-15673.30	0.00	0.00	0.00	24.13	1.94	29.07
5051	0.00	20	SLE Q	-342176.00	-9088.28	-12509.00	0.00	24.13	57.43	836.76
5052	60.00	20	SLE Q	-343354.00	-9015.43	-12408.70	0.00	24.13	57.46	837.33
5053	120.00	20	SLE Q	-342298.00	-8534.21	-11746.30	0.00	24.13	56.52	824.67
5054	180.00	20	SLE Q	-339213.00	-7536.26	-10372.80	0.00	24.13	54.48	796.75
5055	240.00	20	SLE Q	-334304.00	-6146.93	-8460.54	0.00	24.13	51.56	756.75
5056	300.00	20	SLE Q	-327767.00	-4589.84	-6317.38	0.00	24.13	48.16	710.00
5057	360.00	20	SLE Q	-319795.00	-3088.63	-4251.15	0.00	24.13	44.68	661.83
5058	420.00	20	SLE Q	-310570.00	-1809.69	-2490.83	0.00	24.13	41.41	616.27
5059	480.00	20	SLE Q	-300266.00	-841.21	-1157.83	0.00	24.13	38.53	575.63
5060	540.00	20	SLE Q	-289044.00	-197.04	-271.20	0.00	24.13	36.07	540.49
5061	600.00	20	SLE Q	-277503.00	167.78	230.92	0.00	24.13	34.59	518.43
5062	660.00	20	SLE Q	-265941.00	325.23	447.64	0.00	24.13	33.42	500.49
5063	720.00	20	SLE Q	-254416.00	348.35	479.47	0.00	24.13	32.04	479.63
5064	780.00	20	SLE Q	-242979.00	298.40	410.72	0.00	24.13	30.54	457.30
5065	840.00	20	SLE Q	-231673.00	220.02	302.84	0.00	24.13	29.01	434.59
5066	900.00	20	SLE Q	-220541.00	141.35	194.55	0.00	24.13	27.51	412.19
5067	960.00	20	SLE Q	-209617.00	76.88	105.81	0.00	24.13	26.05	390.50
5068	1020.00	20	SLE Q	-198931.00	31.36	43.17	0.00	24.13	24.65	369.67
5069	1080.00	20	SLE Q	-188511.00	3.70	5.10	0.00	24.13	23.32	349.72
5070	1140.00	20	SLE Q	-178379.00	-10.02	-13.80	0.00	24.13	22.07	331.07
5071	1200.00	20	SLE Q	-168552.00	-14.40	-19.83	0.00	24.13	20.87	312.94
5072	1260.00	20	SLE Q	-159046.00	-13.49	-18.57	0.00	24.13	19.69	295.29
5073	1320.00	20	SLE Q	-149872.00	-10.28	-14.15	0.00	24.13	18.55	278.20
5074	1380.00	20	SLE Q	-141038.00	-6.66	-9.17	0.00	24.13	17.45	261.74
5075	1440.00	20	SLE Q	-132550.00	-3.61	-4.97	0.00	24.13	16.40	245.93
5076	1500.00	20	SLE Q	-124411.00	-1.47	-2.02	0.00	24.13	15.39	230.78
5077	1560.00	20	SLE Q	-116622.00	-0.19	-0.27	0.00	24.13	14.42	216.31
5078	1620.00	20	SLE Q	-109180.00	0.41	0.57	0.00	24.13	13.50	202.51
5079	1680.00	20	SLE Q	-102084.00	0.59	0.81	0.00	24.13	12.62	189.35
5080	1740.00	20	SLE Q	-95327.10	0.53	0.73	0.00	24.13	11.79	176.82
5081	1800.00	20	SLE Q	-88903.70	0.38	0.53	0.00	24.13	10.99	164.90
5082	1860.00	20	SLE Q	-82805.90	0.23	0.32	0.00	24.13	10.24	153.59
5083	1920.00	20	SLE Q	-77025.00	0.11	0.16	0.00	24.13	9.52	142.87
5084	1980.00	20	SLE Q	-71551.00	0.04	0.05	0.00	24.13	8.85	132.71
5085	2040.00	20	SLE Q	-66373.30	-0.01	-0.01	0.00	24.13	8.21	123.11
5086	2100.00	20	SLE Q	-61480.70	-0.02	-0.03	0.00	24.13	7.60	114.03
5087	2160.00	20	SLE Q	-56861.20	-0.02	-0.03	0.00	24.13	7.03	105.46
5088	2220.00	20	SLE Q	-52502.40	-0.02	-0.02	0.00	24.13	6.49	97.38
5089	2280.00	20	SLE Q	-48391.70	-0.01	-0.02	0.00	24.13	5.98	89.75
5090	2340.00	20	SLE Q	-44515.80	-0.01	-0.01	0.00	24.13	5.50	82.57
5091	2400.00	20	SLE Q	-40861.60	-0.00	-0.00	0.00	24.13	5.05	75.79
5092	2460.00	20	SLE Q	-37415.50	-0.00	-0.00	0.00	24.13	4.63	69.40
5093	2520.00	20	SLE Q	-34163.80	0.00	0.00	0.00	24.13	4.22	63.37
5094	2580.00	20	SLE Q	-31092.80	0.00	0.00	0.00	24.13	3.84	57.67
5095	2640.00	20	SLE Q	-28188.60	0.00	0.00	0.00	24.13	3.49	52.28
5096	2700.00	20	SLE Q	-25437.10	0.00	0.00	0.00	24.13	3.15	47.18
5097	2760.00	20	SLE Q	-22824.20	0.00	0.00	0.00	24.13	2.82	42.33
5098	2820.00	20	SLE Q	-20335.60	0.00	0.00	0.00	24.13	2.51	37.72
5099	2880.00	20	SLE Q	-17956.90	0.00	0.00	0.00	24.13	2.22	33.31
5100	2940.00	20	SLE Q	-15673.30	0.00	0.00	0.00	24.13	1.94	29.07
5101	0.00	20	SLE Q	-342176.00	-0.00	-15461.90	0.00	24.13	57.43	837.88
5102	60.00	20	SLE Q	-343354.00	-0.00	-15338.00	0.00	24.13	57.46	838.43
5103	120.00	20	SLE Q	-342298.00	-0.00	-14519.30	0.00	24.13	56.52	825.71
5104	180.00	20	SLE Q	-339213.00	-0.00	-12821.50	0.00	24.13	54.48	797.67
5105	240.00	20	SLE Q	-334303.00	-0.00	-10457.80	0.00	24.13	51.56	757.50
5106	300.00	20	SLE Q	-327767.00	-0.00	-7808.71	0.00	24.13	48.16	710.56
5107	360.00	20	SLE Q	-319795.00	-0.00	-5254.70	0.00	24.13	44.68	662.21
5108	420.00	20	SLE Q	-310570.00	-0.00	-3078.84	0.00	24.13	41.41	616.50
5109	480.00	20	SLE Q	-300266.00	-0.00	-1431.15	0.00	24.13	38.53	575.73
5110	540.00	20	SLE Q	-289044.00	-0.00	-335.22	0.00	24.13	36.07	540.51
5111	600.00	20	SLE Q	-277502.00	0.00	285.44	0.00	24.13	34.59	518.45
5112	660.00	20	SLE Q	-265941.00	0.00	553.31	0.00	24.13	33.42	500.53
5113	720.00	20	SLE Q	-254416.00	0.00	592.66	0.00	24.13	32.04	479.67
5114	780.00	20	SLE Q	-242979.00	0.00	507.67	0.00	24.13	30.54	457.34
5115	840.00	20	SLE Q	-231673.00	0.00	374.33	0.00	24.13	29.01	434.62
5116	900.00	20	SLE Q	-220541.00	0.00	240.48	0.00	24.13	27.51	412.21

5117	960.00	20	SLE Q	-209617.00	0.00	130.79	0.00	24.13	26.05	390.51
5118	1020.00	20	SLE Q	-198931.00	0.00	53.36	0.00	24.13	24.65	369.67
5119	1080.00	20	SLE Q	-188511.00	0.00	6.30	0.00	24.13	23.32	349.72
5120	1140.00	20	SLE Q	-178379.00	-0.00	-17.05	0.00	24.13	22.07	331.07
5121	1200.00	20	SLE Q	-168552.00	-0.00	-24.51	0.00	24.13	20.87	312.94
5122	1260.00	20	SLE Q	-159046.00	-0.00	-22.95	0.00	24.13	19.69	295.29
5123	1320.00	20	SLE Q	-149872.00	-0.00	-17.49	0.00	24.13	18.55	278.20
5124	1380.00	20	SLE Q	-141038.00	-0.00	-11.34	0.00	24.13	17.45	261.74
5125	1440.00	20	SLE Q	-132550.00	-0.00	-6.15	0.00	24.13	16.40	245.93
5126	1500.00	20	SLE Q	-124411.00	-0.00	-2.50	0.00	24.13	15.39	230.78
5127	1560.00	20	SLE Q	-116622.00	-0.00	-0.33	0.00	24.13	14.42	216.31
5128	1620.00	20	SLE Q	-109180.00	0.00	0.70	0.00	24.13	13.50	202.51
5129	1680.00	20	SLE Q	-102084.00	0.00	1.00	0.00	24.13	12.62	189.35
5130	1740.00	20	SLE Q	-95327.00	0.00	0.90	0.00	24.13	11.79	176.82
5131	1800.00	20	SLE Q	-88903.60	0.00	0.65	0.00	24.13	10.99	164.90
5132	1860.00	20	SLE Q	-82805.90	0.00	0.40	0.00	24.13	10.24	153.59
5133	1920.00	20	SLE Q	-77024.90	0.00	0.19	0.00	24.13	9.52	142.87
5134	1980.00	20	SLE Q	-71550.90	0.00	0.06	0.00	24.13	8.85	132.71
5135	2040.00	20	SLE Q	-66373.30	-0.00	-0.01	0.00	24.13	8.21	123.11
5136	2100.00	20	SLE Q	-61480.70	-0.00	-0.04	0.00	24.13	7.60	114.03
5137	2160.00	20	SLE Q	-56861.20	-0.00	-0.04	0.00	24.13	7.03	105.46
5138	2220.00	20	SLE Q	-52502.40	-0.00	-0.03	0.00	24.13	6.49	97.38
5139	2280.00	20	SLE Q	-48391.60	-0.00	-0.02	0.00	24.13	5.98	89.75
5140	2340.00	20	SLE Q	-44515.80	-0.00	-0.01	0.00	24.13	5.50	82.57
5141	2400.00	20	SLE Q	-40861.60	-0.00	-0.00	0.00	24.13	5.05	75.79
5142	2460.00	20	SLE Q	-37415.50	-0.00	-0.00	0.00	24.13	4.63	69.40
5143	2520.00	20	SLE Q	-34163.80	0.00	0.00	0.00	24.13	4.22	63.37
5144	2580.00	20	SLE Q	-31092.80	0.00	0.00	0.00	24.13	3.84	57.67
5145	2640.00	20	SLE Q	-28188.60	0.00	0.00	0.00	24.13	3.49	52.28
5146	2700.00	20	SLE Q	-25437.10	0.00	0.00	0.00	24.13	3.15	47.18
5147	2760.00	20	SLE Q	-22824.20	0.00	0.00	0.00	24.13	2.82	42.33
5148	2820.00	20	SLE Q	-20335.60	0.00	0.00	0.00	24.13	2.51	37.72
5149	2880.00	20	SLE Q	-17956.90	0.00	0.00	0.00	24.13	2.22	33.31
5150	2940.00	20	SLE Q	-15673.30	0.00	0.00	0.00	24.13	1.94	29.07
5151	0.00	20	SLE Q	-342176.00	9088.28	-12509.00	0.00	24.13	57.43	836.76
5152	60.00	20	SLE Q	-343354.00	9015.43	-12408.70	0.00	24.13	57.46	837.33
5153	120.00	20	SLE Q	-342298.00	8534.21	-11746.30	0.00	24.13	56.52	824.67
5154	180.00	20	SLE Q	-339213.00	7536.26	-10372.80	0.00	24.13	54.48	796.75
5155	240.00	20	SLE Q	-334304.00	6146.93	-8460.54	0.00	24.13	51.56	756.75
5156	300.00	20	SLE Q	-327767.00	4589.84	-6317.38	0.00	24.13	48.16	710.00
5157	360.00	20	SLE Q	-319795.00	3088.63	-4251.15	0.00	24.13	44.68	661.83
5158	420.00	20	SLE Q	-310570.00	1809.69	-2490.83	0.00	24.13	41.41	616.27
5159	480.00	20	SLE Q	-300266.00	841.21	-1157.83	0.00	24.13	38.53	575.63
5160	540.00	20	SLE Q	-289044.00	197.04	-271.20	0.00	24.13	36.07	540.49
5161	600.00	20	SLE Q	-277503.00	-167.78	230.92	0.00	24.13	34.59	518.43
5162	660.00	20	SLE Q	-265941.00	-325.23	447.64	0.00	24.13	33.42	500.49
5163	720.00	20	SLE Q	-254416.00	-348.35	479.47	0.00	24.13	32.04	479.63
5164	780.00	20	SLE Q	-242979.00	-298.40	410.72	0.00	24.13	30.54	457.30
5165	840.00	20	SLE Q	-231673.00	-220.02	302.84	0.00	24.13	29.01	434.59
5166	900.00	20	SLE Q	-220541.00	-141.35	194.55	0.00	24.13	27.51	412.19
5167	960.00	20	SLE Q	-209617.00	-76.88	105.81	0.00	24.13	26.05	390.50
5168	1020.00	20	SLE Q	-198931.00	-31.36	43.17	0.00	24.13	24.65	369.67
5169	1080.00	20	SLE Q	-188511.00	-3.70	5.10	0.00	24.13	23.32	349.72
5170	1140.00	20	SLE Q	-178379.00	10.02	-13.80	0.00	24.13	22.07	331.07
5171	1200.00	20	SLE Q	-168552.00	14.40	-19.83	0.00	24.13	20.87	312.94
5172	1260.00	20	SLE Q	-159046.00	13.49	-18.57	0.00	24.13	19.69	295.29
5173	1320.00	20	SLE Q	-149872.00	10.28	-14.15	0.00	24.13	18.55	278.20
5174	1380.00	20	SLE Q	-141038.00	6.66	-9.17	0.00	24.13	17.45	261.74
5175	1440.00	20	SLE Q	-132550.00	3.61	-4.97	0.00	24.13	16.40	245.93
5176	1500.00	20	SLE Q	-124411.00	1.47	-2.02	0.00	24.13	15.39	230.78
5177	1560.00	20	SLE Q	-116622.00	0.19	-0.27	0.00	24.13	14.42	216.31
5178	1620.00	20	SLE Q	-109180.00	-0.41	0.57	0.00	24.13	13.50	202.51
5179	1680.00	20	SLE Q	-102084.00	-0.59	0.81	0.00	24.13	12.62	189.35
5180	1740.00	20	SLE Q	-95327.10	-0.53	0.73	0.00	24.13	11.79	176.82
5181	1800.00	20	SLE Q	-88903.70	-0.38	0.53	0.00	24.13	10.99	164.90
5182	1860.00	20	SLE Q	-82805.90	-0.23	0.32	0.00	24.13	10.24	153.59
5183	1920.00	20	SLE Q	-77025.00	-0.11	0.16	0.00	24.13	9.52	142.87
5184	1980.00	20	SLE Q	-71551.00	-0.04	0.05	0.00	24.13	8.85	132.71
5185	2040.00	20	SLE Q	-66373.30	0.01	-0.01	0.00	24.13	8.21	123.11
5186	2100.00	20	SLE Q	-61480.70	0.02	-0.03	0.00	24.13	7.60	114.03
5187	2160.00	20	SLE Q	-56861.20	0.02	-0.03	0.00	24.13	7.03	105.46
5188	2220.00	20	SLE Q	-52502.40	0.02	-0.02	0.00	24.13	6.49	97.38
5189	2280.00	20	SLE Q	-48391.70	0.01	-0.02	0.00	24.13	5.98	89.75
5190	2340.00	20	SLE Q	-44515.80	0.01	-0.01	0.00	24.13	5.50	82.57
5191	2400.00	20	SLE Q	-40861.60	0.00	-0.00	0.00	24.13	5.05	75.79
5192	2460.00	20	SLE Q	-37415.50	0.00	-0.00	0.00	24.13	4.63	69.40
5193	2520.00	20	SLE Q	-34163.80	-0.00	0.00	0.00	24.13	4.22	63.37
5194	2580.00	20	SLE Q	-31092.80	-0.00	0.00	0.00	24.13	3.84	57.67
5195	2640.00	20	SLE Q	-28188.60	-0.00	0.00	0.00	24.13	3.49	52.28
5196	2700.00	20	SLE Q	-25437.10	-0.00	0.00	0.00	24.13	3.15	47.18
5197	2760.00	20	SLE Q	-22824.20	-0.00	0.00	0.00	24.13	2.82	42.33
5198	2820.00	20	SLE Q	-20335.60	-0.00	0.00	0.00	24.13	2.51	37.72
5199	2880.00	20	SLE Q	-17956.90	-0.00	0.00	0.00	24.13	2.22	33.31
5200	2940.00	20	SLE Q	-15673.30	0.00	0.00	0.00	24.13	1.94	29.07

5201	0.00	20	SLE Q	-342176.00	14705.20	-4778.00	0.00	24.13	57.43	833.43
5202	60.00	20	SLE Q	-343354.00	14587.30	-4739.70	0.00	24.13	57.46	834.03
5203	120.00	20	SLE Q	-342298.00	13808.60	-4486.70	0.00	24.13	56.52	821.54
5204	180.00	20	SLE Q	-339214.00	12193.90	-3962.05	0.00	24.13	54.48	793.99
5205	240.00	20	SLE Q	-334304.00	9945.95	-3231.64	0.00	24.13	51.56	754.50
5206	300.00	20	SLE Q	-327767.00	7426.52	-2413.02	0.00	24.13	48.16	708.32
5207	360.00	20	SLE Q	-319795.00	4997.51	-1623.79	0.00	24.13	44.68	660.70
5208	420.00	20	SLE Q	-310570.00	2928.14	-951.41	0.00	24.13	41.41	615.61
5209	480.00	20	SLE Q	-300266.00	1361.11	-442.25	0.00	24.13	38.53	575.32
5210	540.00	20	SLE Q	-289044.00	318.81	-103.59	0.00	24.13	36.07	540.41
5211	600.00	20	SLE Q	-277503.00	-271.47	88.21	0.00	24.13	34.59	518.37
5212	660.00	20	SLE Q	-265942.00	-526.23	170.98	0.00	24.13	33.42	500.37
5213	720.00	20	SLE Q	-254417.00	-563.65	183.14	0.00	24.13	32.04	479.50
5214	780.00	20	SLE Q	-242979.00	-482.83	156.88	0.00	24.13	30.54	457.19
5215	840.00	20	SLE Q	-231674.00	-356.00	115.67	0.00	24.13	29.01	434.51
5216	900.00	20	SLE Q	-220541.00	-228.71	74.31	0.00	24.13	27.51	412.14
5217	960.00	20	SLE Q	-209617.00	-124.39	40.42	0.00	24.13	26.05	390.47
5218	1020.00	20	SLE Q	-198931.00	-50.75	16.49	0.00	24.13	24.65	369.65
5219	1080.00	20	SLE Q	-188511.00	-5.99	1.95	0.00	24.13	23.32	349.72
5220	1140.00	20	SLE Q	-178379.00	16.22	-5.27	0.00	24.13	22.07	331.07
5221	1200.00	20	SLE Q	-168552.00	23.31	-7.57	0.00	24.13	20.87	312.94
5222	1260.00	20	SLE Q	-159046.00	21.83	-7.09	0.00	24.13	19.69	295.29
5223	1320.00	20	SLE Q	-149872.00	16.64	-5.41	0.00	24.13	18.55	278.20
5224	1380.00	20	SLE Q	-141038.00	10.78	-3.50	0.00	24.13	17.45	261.74
5225	1440.00	20	SLE Q	-132550.00	5.85	-1.90	0.00	24.13	16.40	245.93
5226	1500.00	20	SLE Q	-124411.00	2.38	-0.77	0.00	24.13	15.39	230.78
5227	1560.00	20	SLE Q	-116622.00	0.31	-0.10	0.00	24.13	14.42	216.31
5228	1620.00	20	SLE Q	-109180.00	-0.67	0.22	0.00	24.13	13.50	202.51
5229	1680.00	20	SLE Q	-102084.00	-0.95	0.31	0.00	24.13	12.62	189.35
5230	1740.00	20	SLE Q	-95327.10	-0.86	0.28	0.00	24.13	11.79	176.82
5231	1800.00	20	SLE Q	-88903.70	-0.62	0.20	0.00	24.13	10.99	164.90
5232	1860.00	20	SLE Q	-82806.00	-0.38	0.12	0.00	24.13	10.24	153.59
5233	1920.00	20	SLE Q	-77025.00	-0.18	0.06	0.00	24.13	9.52	142.87
5234	1980.00	20	SLE Q	-71551.00	-0.06	0.02	0.00	24.13	8.85	132.71
5235	2040.00	20	SLE Q	-66373.40	0.01	-0.00	0.00	24.13	8.21	123.11
5236	2100.00	20	SLE Q	-61480.70	0.03	-0.01	0.00	24.13	7.60	114.03
5237	2160.00	20	SLE Q	-56861.20	0.04	-0.01	0.00	24.13	7.03	105.46
5238	2220.00	20	SLE Q	-52502.50	0.03	-0.01	0.00	24.13	6.49	97.38
5239	2280.00	20	SLE Q	-48391.70	0.02	-0.01	0.00	24.13	5.98	89.75
5240	2340.00	20	SLE Q	-44515.80	0.01	-0.00	0.00	24.13	5.50	82.57
5241	2400.00	20	SLE Q	-40861.60	0.00	-0.00	0.00	24.13	5.05	75.79
5242	2460.00	20	SLE Q	-37415.50	0.00	-0.00	0.00	24.13	4.63	69.40
5243	2520.00	20	SLE Q	-34163.90	-0.00	0.00	0.00	24.13	4.22	63.37
5244	2580.00	20	SLE Q	-31092.90	-0.00	0.00	0.00	24.13	3.84	57.67
5245	2640.00	20	SLE Q	-28188.60	-0.00	0.00	0.00	24.13	3.49	52.28
5246	2700.00	20	SLE Q	-25437.10	-0.00	0.00	0.00	24.13	3.15	47.18
5247	2760.00	20	SLE Q	-22824.20	-0.00	0.00	0.00	24.13	2.82	42.33
5248	2820.00	20	SLE Q	-20335.70	-0.00	0.00	0.00	24.13	2.51	37.72
5249	2880.00	20	SLE Q	-17956.90	-0.00	0.00	0.00	24.13	2.22	33.31
5250	2940.00	20	SLE Q	-15673.30	0.00	0.00	0.00	24.13	1.94	29.07
5251	0.00	20	SLE Q	-342176.00	14705.20	4778.00	0.00	24.13	57.43	833.43
5252	60.00	20	SLE Q	-343354.00	14587.30	4739.70	0.00	24.13	57.46	834.03
5253	120.00	20	SLE Q	-342298.00	13808.60	4486.70	0.00	24.13	56.52	821.54
5254	180.00	20	SLE Q	-339214.00	12193.90	3962.05	0.00	24.13	54.48	793.99
5255	240.00	20	SLE Q	-334304.00	9945.95	3231.64	0.00	24.13	51.56	754.50
5256	300.00	20	SLE Q	-327767.00	7426.52	2413.02	0.00	24.13	48.16	708.32
5257	360.00	20	SLE Q	-319795.00	4997.51	1623.79	0.00	24.13	44.68	660.70
5258	420.00	20	SLE Q	-310570.00	2928.14	951.41	0.00	24.13	41.41	615.61
5259	480.00	20	SLE Q	-300266.00	1361.11	442.25	0.00	24.13	38.53	575.32
5260	540.00	20	SLE Q	-289044.00	318.81	103.59	0.00	24.13	36.07	540.41
5261	600.00	20	SLE Q	-277503.00	-271.47	-88.21	0.00	24.13	34.59	518.37
5262	660.00	20	SLE Q	-265942.00	-526.23	-170.98	0.00	24.13	33.42	500.37
5263	720.00	20	SLE Q	-254417.00	-563.65	-183.14	0.00	24.13	32.04	479.50
5264	780.00	20	SLE Q	-242979.00	-482.83	-156.88	0.00	24.13	30.54	457.19
5265	840.00	20	SLE Q	-231674.00	-356.00	-115.67	0.00	24.13	29.01	434.51
5266	900.00	20	SLE Q	-220541.00	-228.71	-74.31	0.00	24.13	27.51	412.14
5267	960.00	20	SLE Q	-209617.00	-124.39	-40.42	0.00	24.13	26.05	390.47
5268	1020.00	20	SLE Q	-198931.00	-50.75	-16.49	0.00	24.13	24.65	369.65
5269	1080.00	20	SLE Q	-188511.00	-5.99	-1.95	0.00	24.13	23.32	349.72
5270	1140.00	20	SLE Q	-178379.00	16.22	5.27	0.00	24.13	22.07	331.07
5271	1200.00	20	SLE Q	-168552.00	23.31	7.57	0.00	24.13	20.87	312.94
5272	1260.00	20	SLE Q	-159046.00	21.83	7.09	0.00	24.13	19.69	295.29
5273	1320.00	20	SLE Q	-149872.00	16.64	5.41	0.00	24.13	18.55	278.20
5274	1380.00	20	SLE Q	-141038.00	10.78	3.50	0.00	24.13	17.45	261.74
5275	1440.00	20	SLE Q	-132550.00	5.85	1.90	0.00	24.13	16.40	245.93
5276	1500.00	20	SLE Q	-124411.00	2.38	0.77	0.00	24.13	15.39	230.78
5277	1560.00	20	SLE Q	-116622.00	0.31	0.10	0.00	24.13	14.42	216.31
5278	1620.00	20	SLE Q	-109180.00	-0.67	-0.22	0.00	24.13	13.50	202.51
5279	1680.00	20	SLE Q	-102084.00	-0.95	-0.31	0.00	24.13	12.62	189.35
5280	1740.00	20	SLE Q	-95327.10	-0.86	-0.28	0.00	24.13	11.79	176.82
5281	1800.00	20	SLE Q	-88903.70	-0.62	-0.20	0.00	24.13	10.99	164.90
5282	1860.00	20	SLE Q	-82806.00	-0.38	-0.12	0.00	24.13	10.24	153.59
5283	1920.00	20	SLE Q	-77025.00	-0.18	-0.06	0.00	24.13	9.52	142.87
5284	1980.00	20	SLE Q	-71551.00	-0.06	-0.02	0.00	24.13	8.85	132.71

5285	2040.00	20	SLE Q	-66373.40	0.01	0.00	0.00	24.13	8.21	123.11
5286	2100.00	20	SLE Q	-61480.70	0.03	0.01	0.00	24.13	7.60	114.03
5287	2160.00	20	SLE Q	-56861.20	0.04	0.01	0.00	24.13	7.03	105.46
5288	2220.00	20	SLE Q	-52502.50	0.03	0.01	0.00	24.13	6.49	97.38
5289	2280.00	20	SLE Q	-48391.70	0.02	0.01	0.00	24.13	5.98	89.75
5290	2340.00	20	SLE Q	-44515.80	0.01	0.00	0.00	24.13	5.50	82.57
5291	2400.00	20	SLE Q	-40861.60	0.00	0.00	0.00	24.13	5.05	75.79
5292	2460.00	20	SLE Q	-37415.50	0.00	0.00	0.00	24.13	4.63	69.40
5293	2520.00	20	SLE Q	-34163.90	-0.00	-0.00	0.00	24.13	4.22	63.37
5294	2580.00	20	SLE Q	-31092.90	-0.00	-0.00	0.00	24.13	3.84	57.67
5295	2640.00	20	SLE Q	-28188.60	-0.00	-0.00	0.00	24.13	3.49	52.28
5296	2700.00	20	SLE Q	-25437.10	-0.00	-0.00	0.00	24.13	3.15	47.18
5297	2760.00	20	SLE Q	-22824.20	-0.00	-0.00	0.00	24.13	2.82	42.33
5298	2820.00	20	SLE Q	-20335.70	-0.00	-0.00	0.00	24.13	2.51	37.72
5299	2880.00	20	SLE Q	-17956.90	-0.00	-0.00	0.00	24.13	2.22	33.31
5300	2940.00	20	SLE Q	-15673.30	0.00	0.00	0.00	24.13	1.94	29.07
5301	0.00	20	SLE Q	-342176.00	9088.28	12509.00	0.00	24.13	57.43	836.76
5302	60.00	20	SLE Q	-343354.00	9015.43	12408.70	0.00	24.13	57.46	837.33
5303	120.00	20	SLE Q	-342298.00	8534.21	11746.30	0.00	24.13	56.52	824.67
5304	180.00	20	SLE Q	-339213.00	7536.26	10372.80	0.00	24.13	54.48	796.75
5305	240.00	20	SLE Q	-334304.00	6146.93	8460.54	0.00	24.13	51.56	756.75
5306	300.00	20	SLE Q	-327767.00	4589.84	6317.38	0.00	24.13	48.16	710.00
5307	360.00	20	SLE Q	-319795.00	3088.63	4251.15	0.00	24.13	44.68	661.83
5308	420.00	20	SLE Q	-310570.00	1809.69	2490.83	0.00	24.13	41.41	616.27
5309	480.00	20	SLE Q	-300266.00	841.21	1157.83	0.00	24.13	38.53	575.63
5310	540.00	20	SLE Q	-289044.00	197.04	271.20	0.00	24.13	36.07	540.49
5311	600.00	20	SLE Q	-277503.00	-167.78	-230.92	0.00	24.13	34.59	518.43
5312	660.00	20	SLE Q	-265941.00	-325.23	-447.64	0.00	24.13	33.42	500.49
5313	720.00	20	SLE Q	-254416.00	-348.35	-479.47	0.00	24.13	32.04	479.63
5314	780.00	20	SLE Q	-242979.00	-298.40	-410.72	0.00	24.13	30.54	457.30
5315	840.00	20	SLE Q	-231673.00	-220.02	-302.84	0.00	24.13	29.01	434.59
5316	900.00	20	SLE Q	-220541.00	-141.35	-194.55	0.00	24.13	27.51	412.19
5317	960.00	20	SLE Q	-209617.00	-76.88	-105.81	0.00	24.13	26.05	390.50
5318	1020.00	20	SLE Q	-198931.00	-31.36	-43.17	0.00	24.13	24.65	369.67
5319	1080.00	20	SLE Q	-188511.00	-3.70	-5.10	0.00	24.13	23.32	349.72
5320	1140.00	20	SLE Q	-178379.00	10.02	13.80	0.00	24.13	22.07	331.07
5321	1200.00	20	SLE Q	-168552.00	14.40	19.83	0.00	24.13	20.87	312.94
5322	1260.00	20	SLE Q	-159046.00	13.49	18.57	0.00	24.13	19.69	295.29
5323	1320.00	20	SLE Q	-149872.00	10.28	14.15	0.00	24.13	18.55	278.20
5324	1380.00	20	SLE Q	-141038.00	6.66	9.17	0.00	24.13	17.45	261.74
5325	1440.00	20	SLE Q	-132550.00	3.61	4.97	0.00	24.13	16.40	245.93
5326	1500.00	20	SLE Q	-124411.00	1.47	2.02	0.00	24.13	15.39	230.78
5327	1560.00	20	SLE Q	-116622.00	0.19	0.27	0.00	24.13	14.42	216.31
5328	1620.00	20	SLE Q	-109180.00	-0.41	-0.57	0.00	24.13	13.50	202.51
5329	1680.00	20	SLE Q	-102084.00	-0.59	-0.81	0.00	24.13	12.62	189.35
5330	1740.00	20	SLE Q	-95327.10	-0.53	-0.73	0.00	24.13	11.79	176.82
5331	1800.00	20	SLE Q	-88903.70	-0.38	-0.53	0.00	24.13	10.99	164.90
5332	1860.00	20	SLE Q	-82805.90	-0.23	-0.32	0.00	24.13	10.24	153.59
5333	1920.00	20	SLE Q	-77025.00	-0.11	-0.16	0.00	24.13	9.52	142.87
5334	1980.00	20	SLE Q	-71551.00	-0.04	-0.05	0.00	24.13	8.85	132.71
5335	2040.00	20	SLE Q	-66373.30	0.01	0.01	0.00	24.13	8.21	123.11
5336	2100.00	20	SLE Q	-61480.70	0.02	0.03	0.00	24.13	7.60	114.03
5337	2160.00	20	SLE Q	-56861.20	0.02	0.03	0.00	24.13	7.03	105.46
5338	2220.00	20	SLE Q	-52502.40	0.02	0.02	0.00	24.13	6.49	97.38
5339	2280.00	20	SLE Q	-48391.70	0.01	0.02	0.00	24.13	5.98	89.75
5340	2340.00	20	SLE Q	-44515.80	0.01	0.01	0.00	24.13	5.50	82.57
5341	2400.00	20	SLE Q	-40861.60	0.00	0.00	0.00	24.13	5.05	75.79
5342	2460.00	20	SLE Q	-37415.50	0.00	0.00	0.00	24.13	4.63	69.40
5343	2520.00	20	SLE Q	-34163.80	-0.00	-0.00	0.00	24.13	4.22	63.37
5344	2580.00	20	SLE Q	-31092.80	-0.00	-0.00	0.00	24.13	3.84	57.67
5345	2640.00	20	SLE Q	-28188.60	-0.00	-0.00	0.00	24.13	3.49	52.28
5346	2700.00	20	SLE Q	-25437.10	-0.00	-0.00	0.00	24.13	3.15	47.18
5347	2760.00	20	SLE Q	-22824.20	-0.00	-0.00	0.00	24.13	2.82	42.33
5348	2820.00	20	SLE Q	-20335.60	-0.00	-0.00	0.00	24.13	2.51	37.72
5349	2880.00	20	SLE Q	-17956.90	-0.00	-0.00	0.00	24.13	2.22	33.31
5350	2940.00	20	SLE Q	-15673.30	0.00	0.00	0.00	24.13	1.94	29.07
5351	0.00	20	SLE Q	-342176.00	0.00	15461.90	0.00	24.13	57.43	837.88
5352	60.00	20	SLE Q	-343354.00	0.00	15338.00	0.00	24.13	57.46	838.43
5353	120.00	20	SLE Q	-342298.00	0.00	14519.30	0.00	24.13	56.52	825.71
5354	180.00	20	SLE Q	-339213.00	0.00	12821.50	0.00	24.13	54.48	797.67
5355	240.00	20	SLE Q	-334303.00	0.00	10457.80	0.00	24.13	51.56	757.50
5356	300.00	20	SLE Q	-327767.00	0.00	7808.71	0.00	24.13	48.16	710.56
5357	360.00	20	SLE Q	-319795.00	0.00	5254.70	0.00	24.13	44.68	662.21
5358	420.00	20	SLE Q	-310570.00	0.00	3078.84	0.00	24.13	41.41	616.50
5359	480.00	20	SLE Q	-300266.00	0.00	1431.15	0.00	24.13	38.53	575.73
5360	540.00	20	SLE Q	-289044.00	0.00	335.22	0.00	24.13	36.07	540.51
5361	600.00	20	SLE Q	-277502.00	-0.00	-285.44	0.00	24.13	34.59	518.45
5362	660.00	20	SLE Q	-265941.00	-0.00	-553.31	0.00	24.13	33.42	500.53
5363	720.00	20	SLE Q	-254416.00	-0.00	-592.66	0.00	24.13	32.04	479.67
5364	780.00	20	SLE Q	-242979.00	-0.00	-507.67	0.00	24.13	30.54	457.34
5365	840.00	20	SLE Q	-231673.00	-0.00	-374.33	0.00	24.13	29.01	434.62
5366	900.00	20	SLE Q	-220541.00	-0.00	-240.48	0.00	24.13	27.51	412.21
5367	960.00	20	SLE Q	-209617.00	-0.00	-130.79	0.00	24.13	26.05	390.51
5368	1020.00	20	SLE Q	-198931.00	-0.00	-53.36	0.00	24.13	24.65	369.67

5369	1080.00	20	SLE Q	-188511.00	-0.00	-6.30	0.00	24.13	23.32	349.72
5370	1140.00	20	SLE Q	-178379.00	0.00	17.05	0.00	24.13	22.07	331.07
5371	1200.00	20	SLE Q	-168552.00	0.00	24.51	0.00	24.13	20.87	312.94
5372	1260.00	20	SLE Q	-159046.00	0.00	22.95	0.00	24.13	19.69	295.29
5373	1320.00	20	SLE Q	-149872.00	0.00	17.49	0.00	24.13	18.55	278.20
5374	1380.00	20	SLE Q	-141038.00	0.00	11.34	0.00	24.13	17.45	261.74
5375	1440.00	20	SLE Q	-132550.00	0.00	6.15	0.00	24.13	16.40	245.93
5376	1500.00	20	SLE Q	-124411.00	0.00	2.50	0.00	24.13	15.39	230.78
5377	1560.00	20	SLE Q	-116622.00	0.00	0.33	0.00	24.13	14.42	216.31
5378	1620.00	20	SLE Q	-109180.00	-0.00	-0.70	0.00	24.13	13.50	202.51
5379	1680.00	20	SLE Q	-102084.00	-0.00	-1.00	0.00	24.13	12.62	189.35
5380	1740.00	20	SLE Q	-95327.00	-0.00	-0.90	0.00	24.13	11.79	176.82
5381	1800.00	20	SLE Q	-88903.60	-0.00	-0.65	0.00	24.13	10.99	164.90
5382	1860.00	20	SLE Q	-82805.90	-0.00	-0.40	0.00	24.13	10.24	153.59
5383	1920.00	20	SLE Q	-77024.90	-0.00	-0.19	0.00	24.13	9.52	142.87
5384	1980.00	20	SLE Q	-71550.90	-0.00	-0.06	0.00	24.13	8.85	132.71
5385	2040.00	20	SLE Q	-66373.30	0.00	0.01	0.00	24.13	8.21	123.11
5386	2100.00	20	SLE Q	-61480.70	0.00	0.04	0.00	24.13	7.60	114.03
5387	2160.00	20	SLE Q	-56861.20	0.00	0.04	0.00	24.13	7.03	105.46
5388	2220.00	20	SLE Q	-52502.40	0.00	0.03	0.00	24.13	6.49	97.38
5389	2280.00	20	SLE Q	-48391.60	0.00	0.02	0.00	24.13	5.98	89.75
5390	2340.00	20	SLE Q	-44515.80	0.00	0.01	0.00	24.13	5.50	82.57
5391	2400.00	20	SLE Q	-40861.60	0.00	0.00	0.00	24.13	5.05	75.79
5392	2460.00	20	SLE Q	-37415.50	0.00	0.00	0.00	24.13	4.63	69.40
5393	2520.00	20	SLE Q	-34163.80	-0.00	-0.00	0.00	24.13	4.22	63.37
5394	2580.00	20	SLE Q	-31092.80	-0.00	-0.00	0.00	24.13	3.84	57.67
5395	2640.00	20	SLE Q	-28188.60	-0.00	-0.00	0.00	24.13	3.49	52.28
5396	2700.00	20	SLE Q	-25437.10	-0.00	-0.00	0.00	24.13	3.15	47.18
5397	2760.00	20	SLE Q	-22824.20	-0.00	-0.00	0.00	24.13	2.82	42.33
5398	2820.00	20	SLE Q	-20335.60	-0.00	-0.00	0.00	24.13	2.51	37.72
5399	2880.00	20	SLE Q	-17956.90	-0.00	-0.00	0.00	24.13	2.22	33.31
5400	2940.00	20	SLE Q	-15673.30	0.00	0.00	0.00	24.13	1.94	29.07
5401	0.00	20	SLE Q	-342176.00	-9088.28	12509.00	0.00	24.13	57.43	836.76
5402	60.00	20	SLE Q	-343354.00	-9015.43	12408.70	0.00	24.13	57.46	837.33
5403	120.00	20	SLE Q	-342298.00	-8534.21	11746.30	0.00	24.13	56.52	824.67
5404	180.00	20	SLE Q	-339213.00	-7536.26	10372.80	0.00	24.13	54.48	796.75
5405	240.00	20	SLE Q	-334304.00	-6146.93	8460.54	0.00	24.13	51.56	756.75
5406	300.00	20	SLE Q	-327767.00	-4589.84	6317.38	0.00	24.13	48.16	710.00
5407	360.00	20	SLE Q	-319795.00	-3088.63	4251.15	0.00	24.13	44.68	661.83
5408	420.00	20	SLE Q	-310570.00	-1809.69	2490.83	0.00	24.13	41.41	616.27
5409	480.00	20	SLE Q	-300266.00	-841.21	1157.83	0.00	24.13	38.53	575.63
5410	540.00	20	SLE Q	-289044.00	-197.04	271.20	0.00	24.13	36.07	540.49
5411	600.00	20	SLE Q	-277503.00	167.78	-230.92	0.00	24.13	34.59	518.43
5412	660.00	20	SLE Q	-265941.00	325.23	-447.64	0.00	24.13	33.42	500.49
5413	720.00	20	SLE Q	-254416.00	348.35	-479.47	0.00	24.13	32.04	479.63
5414	780.00	20	SLE Q	-242979.00	298.40	-410.72	0.00	24.13	30.54	457.30
5415	840.00	20	SLE Q	-231673.00	220.02	-302.84	0.00	24.13	29.01	434.59
5416	900.00	20	SLE Q	-220541.00	141.35	-194.55	0.00	24.13	27.51	412.19
5417	960.00	20	SLE Q	-209617.00	76.88	-105.81	0.00	24.13	26.05	390.50
5418	1020.00	20	SLE Q	-198931.00	31.36	-43.17	0.00	24.13	24.65	369.67
5419	1080.00	20	SLE Q	-188511.00	3.70	-5.10	0.00	24.13	23.32	349.72
5420	1140.00	20	SLE Q	-178379.00	-10.02	13.80	0.00	24.13	22.07	331.07
5421	1200.00	20	SLE Q	-168552.00	-14.40	19.83	0.00	24.13	20.87	312.94
5422	1260.00	20	SLE Q	-159046.00	-13.49	18.57	0.00	24.13	19.69	295.29
5423	1320.00	20	SLE Q	-149872.00	-10.28	14.15	0.00	24.13	18.55	278.20
5424	1380.00	20	SLE Q	-141038.00	-6.66	9.17	0.00	24.13	17.45	261.74
5425	1440.00	20	SLE Q	-132550.00	-3.61	4.97	0.00	24.13	16.40	245.93
5426	1500.00	20	SLE Q	-124411.00	-1.47	2.02	0.00	24.13	15.39	230.78
5427	1560.00	20	SLE Q	-116622.00	-0.19	0.27	0.00	24.13	14.42	216.31
5428	1620.00	20	SLE Q	-109180.00	0.41	-0.57	0.00	24.13	13.50	202.51
5429	1680.00	20	SLE Q	-102084.00	0.59	-0.81	0.00	24.13	12.62	189.35
5430	1740.00	20	SLE Q	-95327.10	0.53	-0.73	0.00	24.13	11.79	176.82
5431	1800.00	20	SLE Q	-88903.70	0.38	-0.53	0.00	24.13	10.99	164.90
5432	1860.00	20	SLE Q	-82805.90	0.23	-0.32	0.00	24.13	10.24	153.59
5433	1920.00	20	SLE Q	-77025.00	0.11	-0.16	0.00	24.13	9.52	142.87
5434	1980.00	20	SLE Q	-71551.00	0.04	-0.05	0.00	24.13	8.85	132.71
5435	2040.00	20	SLE Q	-66373.30	-0.01	0.01	0.00	24.13	8.21	123.11
5436	2100.00	20	SLE Q	-61480.70	-0.02	0.03	0.00	24.13	7.60	114.03
5437	2160.00	20	SLE Q	-56861.20	-0.02	0.03	0.00	24.13	7.03	105.46
5438	2220.00	20	SLE Q	-52502.40	-0.02	0.02	0.00	24.13	6.49	97.38
5439	2280.00	20	SLE Q	-48391.70	-0.01	0.02	0.00	24.13	5.98	89.75
5440	2340.00	20	SLE Q	-44515.80	-0.01	0.01	0.00	24.13	5.50	82.57
5441	2400.00	20	SLE Q	-40861.60	-0.00	0.00	0.00	24.13	5.05	75.79
5442	2460.00	20	SLE Q	-37415.50	-0.00	0.00	0.00	24.13	4.63	69.40
5443	2520.00	20	SLE Q	-34163.80	0.00	-0.00	0.00	24.13	4.22	63.37
5444	2580.00	20	SLE Q	-31092.80	0.00	-0.00	0.00	24.13	3.84	57.67
5445	2640.00	20	SLE Q	-28188.60	0.00	-0.00	0.00	24.13	3.49	52.28
5446	2700.00	20	SLE Q	-25437.10	0.00	-0.00	0.00	24.13	3.15	47.18
5447	2760.00	20	SLE Q	-22824.20	0.00	-0.00	0.00	24.13	2.82	42.33
5448	2820.00	20	SLE Q	-20335.60	0.00	-0.00	0.00	24.13	2.51	37.72
5449	2880.00	20	SLE Q	-17956.90	0.00	-0.00	0.00	24.13	2.22	33.31
5450	2940.00	20	SLE Q	-15673.30	0.00	0.00	0.00	24.13	1.94	29.07
5451	0.00	20	SLE Q	-342176.00	-14705.20	4778.00	0.00	24.13	57.43	833.43
5452	60.00	20	SLE Q	-343354.00	-14587.30	4739.70	0.00	24.13	57.46	834.03

5453	120.00	20	SLE Q	-342298.00	-13808.60	4486.70	0.00	24.13	56.52	821.54
5454	180.00	20	SLE Q	-339214.00	-12193.90	3962.05	0.00	24.13	54.48	793.99
5455	240.00	20	SLE Q	-334304.00	-9945.95	3231.64	0.00	24.13	51.56	754.50
5456	300.00	20	SLE Q	-327767.00	-7426.52	2413.02	0.00	24.13	48.16	708.32
5457	360.00	20	SLE Q	-319795.00	-4997.51	1623.79	0.00	24.13	44.68	660.70
5458	420.00	20	SLE Q	-310570.00	-2928.14	951.41	0.00	24.13	41.41	615.61
5459	480.00	20	SLE Q	-300266.00	-1361.11	442.25	0.00	24.13	38.53	575.32
5460	540.00	20	SLE Q	-289044.00	-318.81	103.59	0.00	24.13	36.07	540.41
5461	600.00	20	SLE Q	-277503.00	271.47	-88.21	0.00	24.13	34.59	518.37
5462	660.00	20	SLE Q	-265942.00	526.23	-170.98	0.00	24.13	33.42	500.37
5463	720.00	20	SLE Q	-254417.00	563.65	-183.14	0.00	24.13	32.04	479.50
5464	780.00	20	SLE Q	-242979.00	482.83	-156.88	0.00	24.13	30.54	457.19
5465	840.00	20	SLE Q	-231674.00	356.00	-115.67	0.00	24.13	29.01	434.51
5466	900.00	20	SLE Q	-220541.00	228.71	-74.31	0.00	24.13	27.51	412.14
5467	960.00	20	SLE Q	-209617.00	124.39	-40.42	0.00	24.13	26.05	390.47
5468	1020.00	20	SLE Q	-198931.00	50.75	-16.49	0.00	24.13	24.65	369.65
5469	1080.00	20	SLE Q	-188511.00	5.99	-1.95	0.00	24.13	23.32	349.72
5470	1140.00	20	SLE Q	-178379.00	-16.22	5.27	0.00	24.13	22.07	331.07
5471	1200.00	20	SLE Q	-168552.00	-23.31	7.57	0.00	24.13	20.87	312.94
5472	1260.00	20	SLE Q	-159046.00	-21.83	7.09	0.00	24.13	19.69	295.29
5473	1320.00	20	SLE Q	-149872.00	-16.64	5.41	0.00	24.13	18.55	278.20
5474	1380.00	20	SLE Q	-141038.00	-10.78	3.50	0.00	24.13	17.45	261.74
5475	1440.00	20	SLE Q	-132550.00	-5.85	1.90	0.00	24.13	16.40	245.93
5476	1500.00	20	SLE Q	-124411.00	-2.38	0.77	0.00	24.13	15.39	230.78
5477	1560.00	20	SLE Q	-116622.00	-0.31	0.10	0.00	24.13	14.42	216.31
5478	1620.00	20	SLE Q	-109180.00	0.67	-0.22	0.00	24.13	13.50	202.51
5479	1680.00	20	SLE Q	-102084.00	0.95	-0.31	0.00	24.13	12.62	189.35
5480	1740.00	20	SLE Q	-95327.10	0.86	-0.28	0.00	24.13	11.79	176.82
5481	1800.00	20	SLE Q	-88903.70	0.62	-0.20	0.00	24.13	10.99	164.90
5482	1860.00	20	SLE Q	-82806.00	0.38	-0.12	0.00	24.13	10.24	153.59
5483	1920.00	20	SLE Q	-77025.00	0.18	-0.06	0.00	24.13	9.52	142.87
5484	1980.00	20	SLE Q	-71551.00	0.06	-0.02	0.00	24.13	8.85	132.71
5485	2040.00	20	SLE Q	-66373.40	-0.01	0.00	0.00	24.13	8.21	123.11
5486	2100.00	20	SLE Q	-61480.70	-0.03	0.01	0.00	24.13	7.60	114.03
5487	2160.00	20	SLE Q	-56861.20	-0.04	0.01	0.00	24.13	7.03	105.46
5488	2220.00	20	SLE Q	-52502.50	-0.03	0.01	0.00	24.13	6.49	97.38
5489	2280.00	20	SLE Q	-48391.70	-0.02	0.01	0.00	24.13	5.98	89.75
5490	2340.00	20	SLE Q	-44515.80	-0.01	0.00	0.00	24.13	5.50	82.57
5491	2400.00	20	SLE Q	-40861.60	-0.00	0.00	0.00	24.13	5.05	75.79
5492	2460.00	20	SLE Q	-37415.50	-0.00	0.00	0.00	24.13	4.63	69.40
5493	2520.00	20	SLE Q	-34163.90	0.00	-0.00	0.00	24.13	4.22	63.37
5494	2580.00	20	SLE Q	-31092.90	0.00	-0.00	0.00	24.13	3.84	57.67
5495	2640.00	20	SLE Q	-28188.60	0.00	-0.00	0.00	24.13	3.49	52.28
5496	2700.00	20	SLE Q	-25437.10	0.00	-0.00	0.00	24.13	3.15	47.18
5497	2760.00	20	SLE Q	-22824.20	0.00	-0.00	0.00	24.13	2.82	42.33
5498	2820.00	20	SLE Q	-20335.70	0.00	-0.00	0.00	24.13	2.51	37.72
5499	2880.00	20	SLE Q	-17956.90	0.00	-0.00	0.00	24.13	2.22	33.31
5500	2940.00	20	SLE Q	-15673.30	0.00	0.00	0.00	24.13	1.94	29.07

Verifiche principali

Caso	Tipo
2	SND N cost - min. sic. lim. el.
2656	SLU Taglio - min. sic. c.a.,SLU Taglio - min. sic. acciaio
3552	SLU N cost - min. sic.
4602	C.Rare - Sc max (min. compr.)
4650	C.Rare - Sf max (max traz.)
4852	C.Rare - Sc min (max compr.),C.Rare - Sf min (max compr.)
5002	C.Q.Per. - Sc min (max compr.)
5102	C.Q.Per. - Sf min (max compr.)
5150	C.Q.Per. - Sc max (min. compr.),C.Q.Per. - Sf max (max traz.)