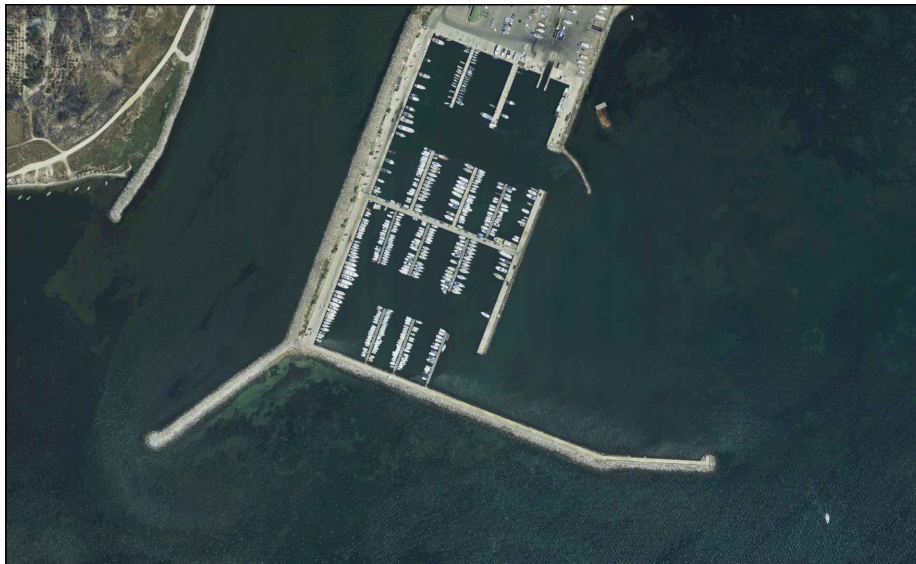




# COMUNE DI ORISTANO



## PROGETTO DI RIPRISTINO DEL TIRANTE D'ACQUA NEL PORTO DI TORREGRANDE (OR)

PROGETTO DEFINITIVO

TAVOLA:

# H

TITOLO ELABORATO:

### QUADERNO SEZIONI CONTABILI

INT: REF.: 13-010

REV. NO		
00	09.02.2021	
01	24.01.2022	REVISIONE
02		
03		

PREP.: EA CH.: AR APPR.: FR

Il presente progetto, o parte di esso, non può essere riprodotto in alcuna forma, in alcun modo e per nessuno scopo, senza autorizzazione. Ogni infrazione sarà perseguita a termini di legge.

PROGETTISTA:



Viale Trieste, 65/i - 09123 Cagliari - Italy  
Tel. +39 070 6848202 - Fax +39 070 6404743  
www.martech.it e-mail: info@martech.it

Responsabile tecnico:  
Dott. Ing. ANDREA RITOSSA



COMMITTENTE:

COMUNE DI ORISTANO

# Volume computation: Oristano

Data file: -3.00 - nuova area dragaggio (Grid Models)

Reference file: Oristano 0.5 m con aree di chiusura (Grid Models)

Clipping polygon: Escavo-3.00\_nuovo

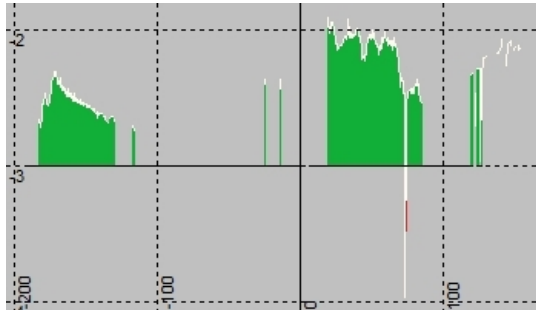
Totals	Volume		Vertical Area		Coverage
	Above	Below	Above	Below	[%]
Volume computation: Oristano	112.36	89039.58	11.41	8943.56	75
Runlines file: Oristano	112.36	89039.58	11.41	8943.56	75
Block: New Runline(1)	112.36	89039.58	11.41	8943.56	75

Runline File: Oristano

Block: New Runline(1)

Line: 1

Sections	Volume		Coverage
	Above	Below	[%]
Total	1.72	395.97	92

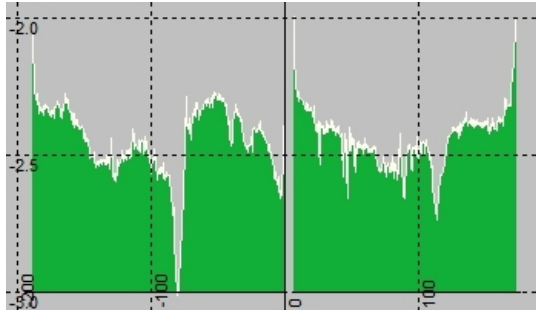


Runline File: Oristano

Block: New Runline(1)

Line: 2

Sections	Volume		Coverage
	Above	Below	[%]
Total	0.02	1975.83	100

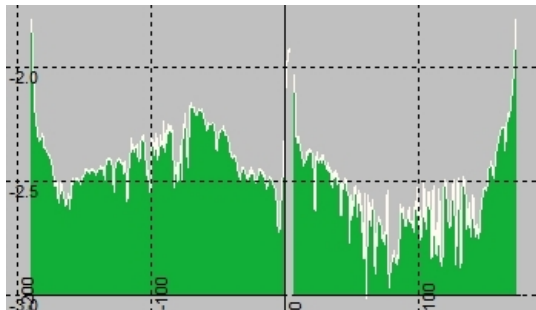


Runline File: Oristano

Block: New Runline(1)

Line: 3

Sections	Volume		Coverage
	Above	Below	[%]
Total	0.01	1868.67	99

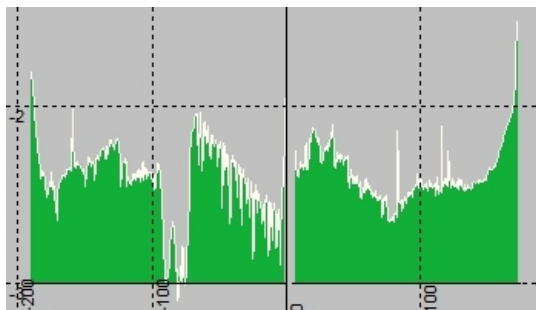


Runline File: Oristano

Block: New Runline(1)

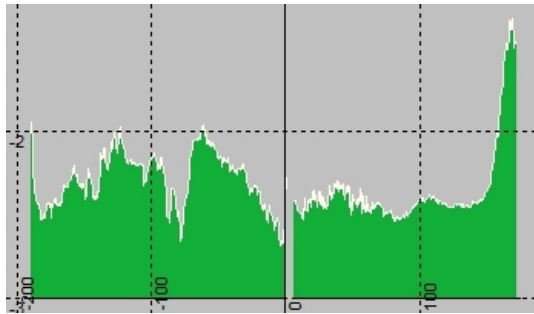
Line: 4

Sections	Volume		Coverage
	Above	Below	[%]
Total	0.88	2113.21	100



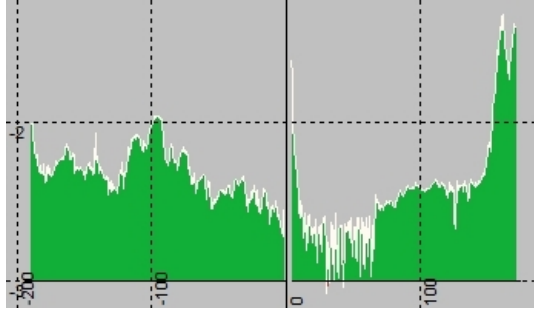
Runline File: Oristano  
Block: New Runline(1)  
Line: 5

Sections	Volume		Coverage [%]
	Above	Below	
Total	0.00	2411.15	99



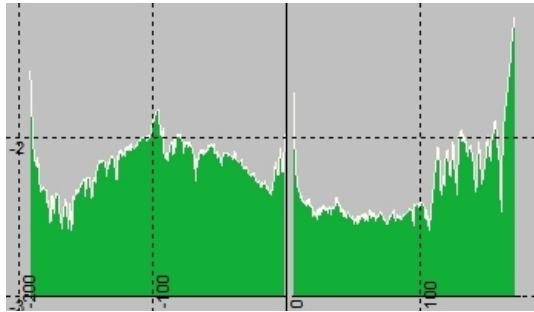
Runline File: Oristano  
Block: New Runline(1)  
Line: 6

Sections	Volume		Coverage [%]
	Above	Below	
Total	0.67	2228.59	99



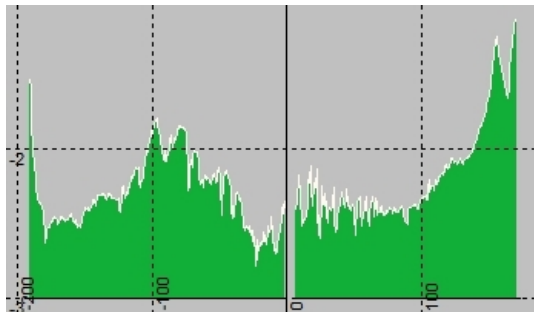
Runline File: Oristano  
Block: New Runline(1)  
Line: 7

Sections	Volume		Coverage [%]
	Above	Below	
Total	0.00	2697.57	100



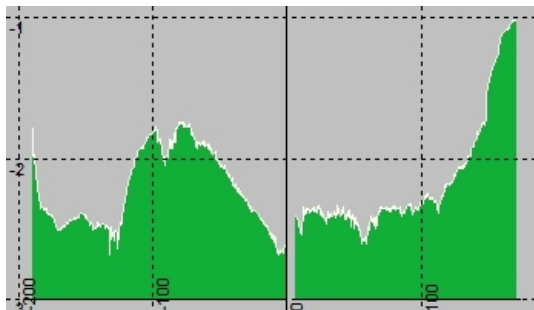
Runline File: Oristano  
Block: New Runline(1)  
Line: 8

Sections	Volume		Coverage [%]
	Above	Below	
Total	0.00	2701.57	100



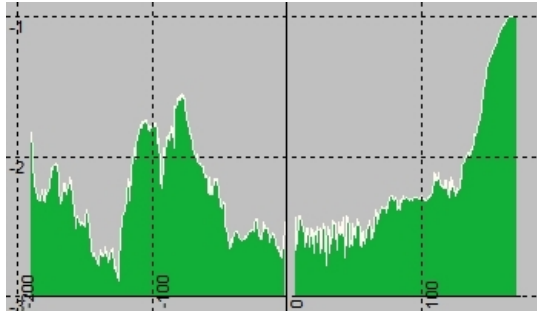
Runline File: Oristano  
Block: New Runline(1)  
Line: 9

Sections	Volume		Coverage [%]
	Above	Below	
Total	0.00	2859.65	100



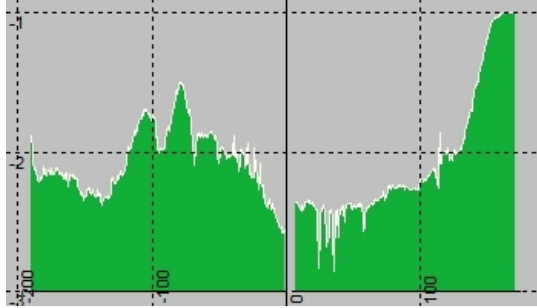
Runline File: Oristano  
Block: New Runline(1)  
Line: 10

Sections	Volume		Coverage [%]
	Above	Below	
Total	0.00	2712.17	100



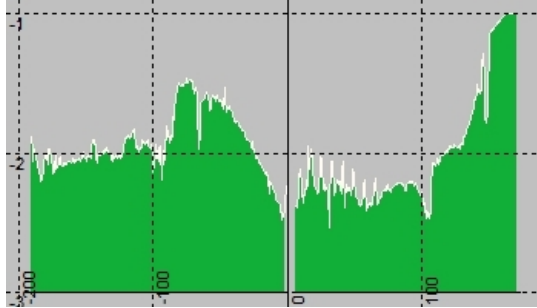
Runline File: Oristano  
Block: New Runline(1)  
Line: 11

Sections	Volume		Coverage [%]
	Above	Below	
Total	0.00	3288.39	100



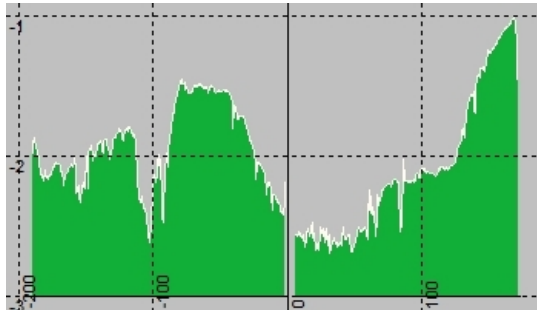
Runline File: Oristano  
Block: New Runline(1)  
Line: 12

Sections	Volume		Coverage [%]
	Above	Below	
Total	0.00	3646.09	100



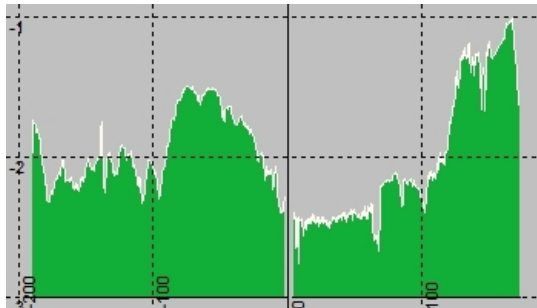
Runline File: Oristano  
Block: New Runline(1)  
Line: 13

Sections	Volume		Coverage [%]
	Above	Below	
Total	0.00	3506.96	100



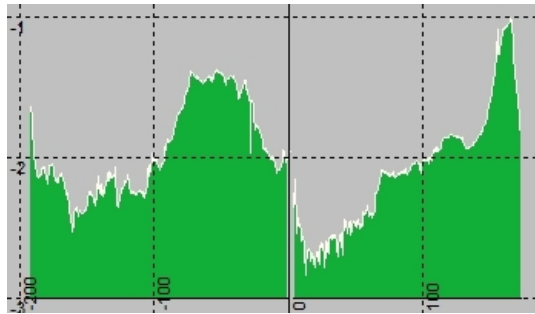
Runline File: Oristano  
Block: New Runline(1)  
Line: 14

Sections	Volume		Coverage [%]
	Above	Below	
Total	0.00	3649.06	100



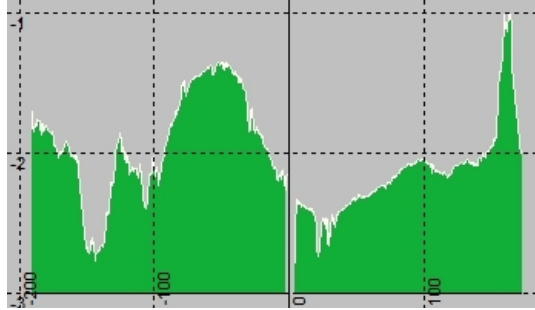
Runline File: Oristano  
 Block: New Runline(1)  
 Line: 15

Sections	Volume		Coverage [%]
	Above	Below	
Total	0.00	3551.85	99



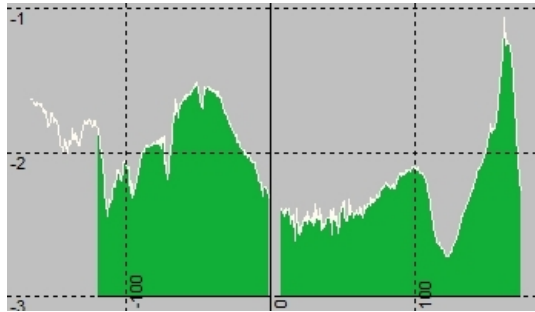
Runline File: Oristano  
 Block: New Runline(1)  
 Line: 16

Sections	Volume		Coverage [%]
	Above	Below	
Total	0.00	3487.57	99



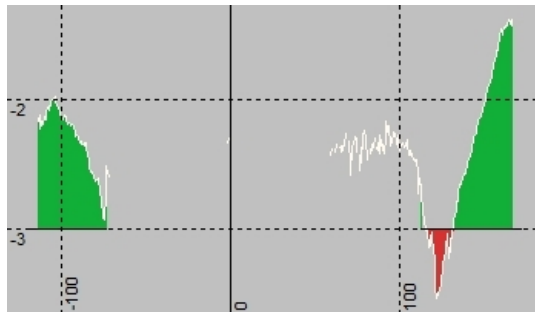
Runline File: Oristano  
 Block: New Runline(1)  
 Line: 17

Sections	Volume		Coverage [%]
	Above	Below	
Total	0.00	2464.15	86



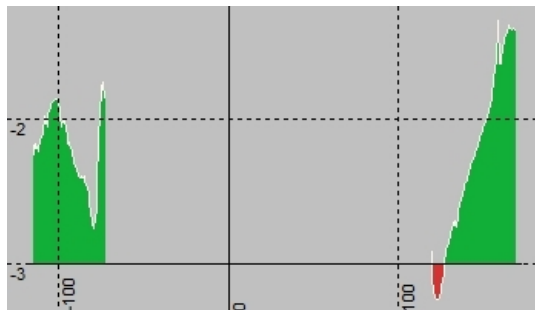
Runline File: Oristano  
 Block: New Runline(1)  
 Line: 18

Sections	Volume		Coverage [%]
	Above	Below	
Total	34.95	606.45	65



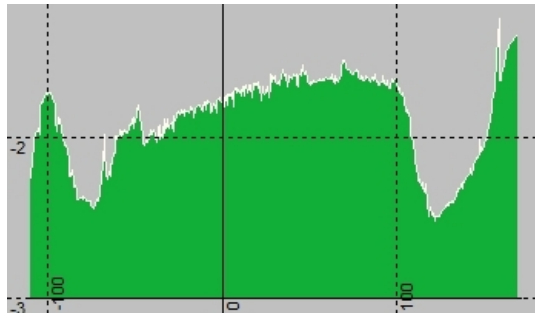
Runline File: Oristano  
 Block: New Runline(1)  
 Line: 19

Sections	Volume		Coverage [%]
	Above	Below	
Total	13.22	716.08	100



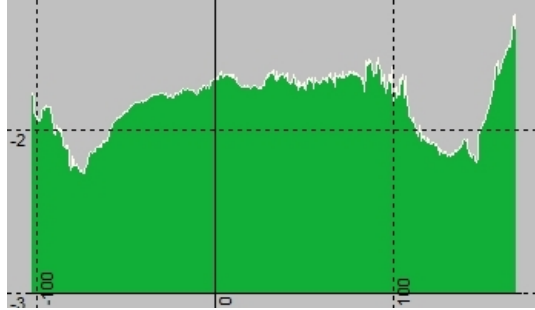
Runline File: Oristano  
 Block: New Runline(1)  
 Line: 20

Sections	Volume		Coverage [%]
	Above	Below	
Total	0.00	3087.65	100



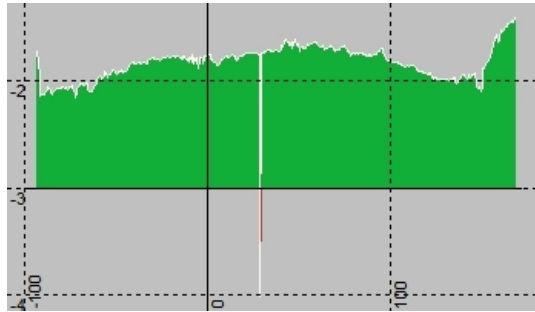
Runline File: Oristano  
 Block: New Runline(1)  
 Line: 21

Sections	Volume		Coverage [%]
	Above	Below	
Total	0.00	3179.91	100



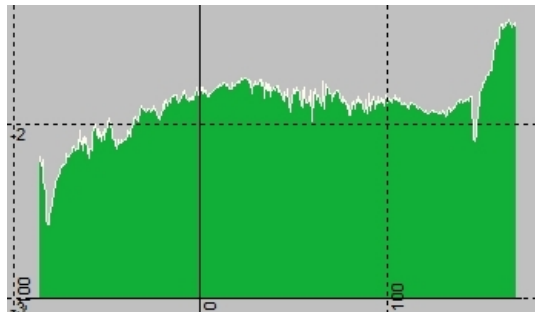
Runline File: Oristano  
 Block: New Runline(1)  
 Line: 22

Sections	Volume		Coverage [%]
	Above	Below	
Total	2.45	3062.15	100



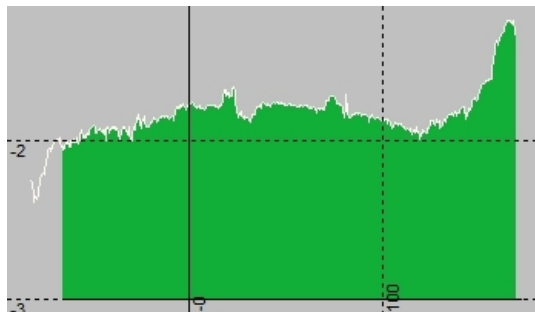
Runline File: Oristano  
 Block: New Runline(1)  
 Line: 23

Sections	Volume		Coverage [%]
	Above	Below	
Total	0.00	2794.81	100



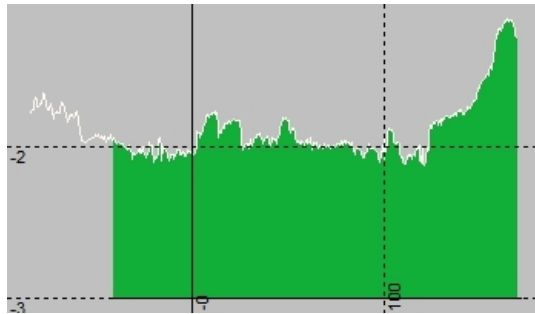
Runline File: Oristano  
 Block: New Runline(1)  
 Line: 24

Sections	Volume		Coverage [%]
	Above	Below	
Total	0.00	2771.63	94



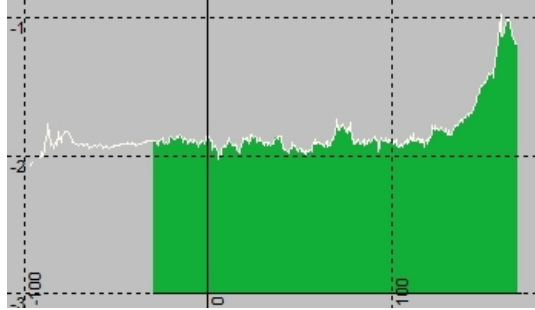
Runline File: Oristano  
 Block: New Runline(1)  
 Line: 25

Sections	Volume		Coverage [%]
	Above	Below	
Total	0.00	2322.68	83



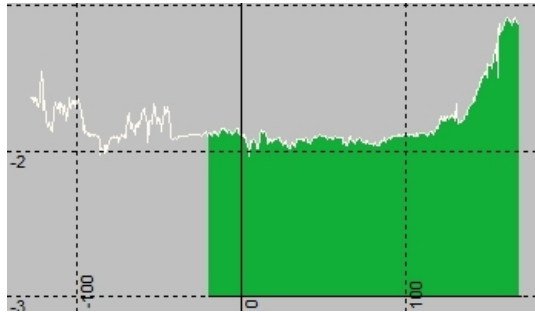
Runline File: Oristano  
 Block: New Runline(1)  
 Line: 26

Sections	Volume		Coverage [%]
	Above	Below	
Total	0.00	2347.20	76



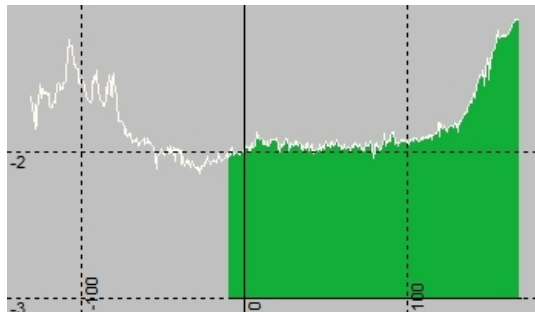
Runline File: Oristano  
 Block: New Runline(1)  
 Line: 27

Sections	Volume		Coverage [%]
	Above	Below	
Total	0.00	2232.77	63



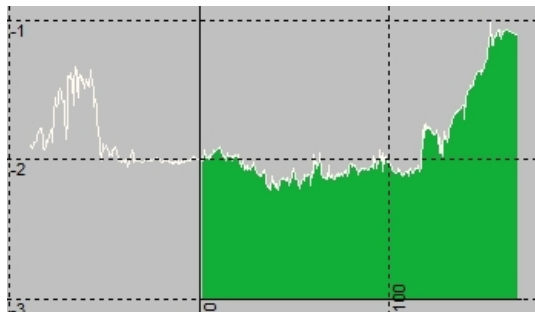
Runline File: Oristano  
 Block: New Runline(1)  
 Line: 28

Sections	Volume		Coverage [%]
	Above	Below	
Total	0.00	2069.27	59



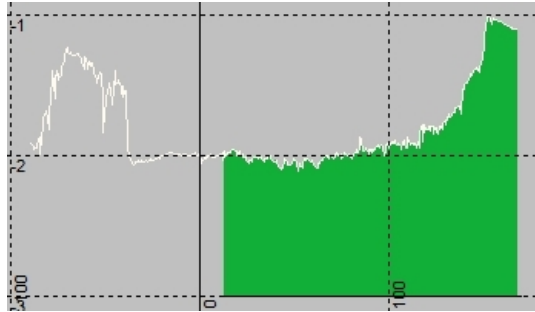
Runline File: Oristano  
 Block: New Runline(1)  
 Line: 29

Sections	Volume		Coverage [%]
	Above	Below	
Total	0.00	1836.11	65



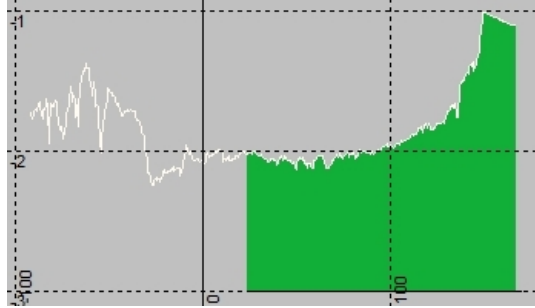
Runline File: Oristano  
 Block: New Runline(1)  
 Line: 30

Sections	Volume		Coverage [%]
	Above	Below	
Total	0.00	1832.62	60



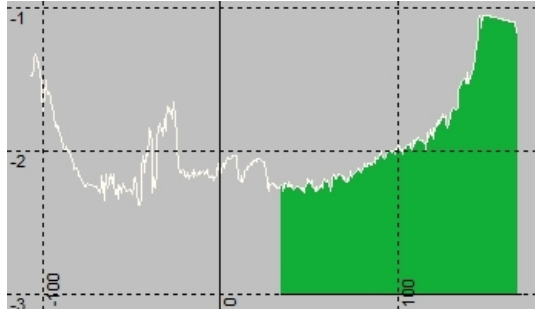
Runline File: Oristano  
 Block: New Runline(1)  
 Line: 31

Sections	Volume		Coverage [%]
	Above	Below	
Total	0.00	1702.94	55



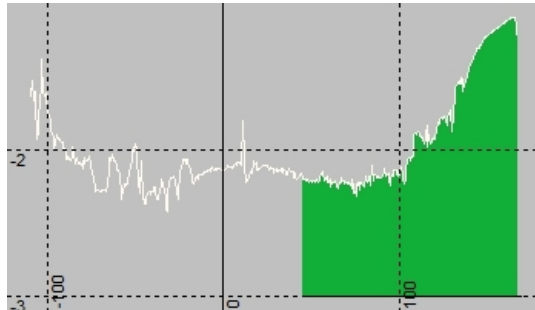
Runline File: Oristano  
 Block: New Runline(1)  
 Line: 32

Sections	Volume		Coverage [%]
	Above	Below	
Total	0.00	1524.79	49



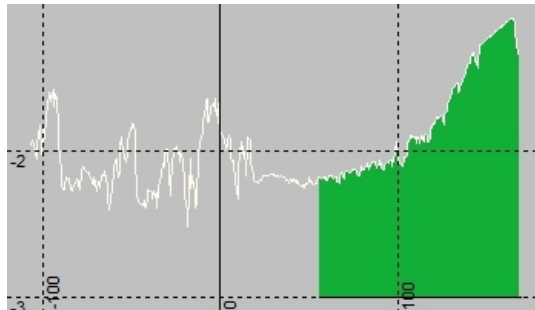
Runline File: Oristano  
 Block: New Runline(1)  
 Line: 33

Sections	Volume		Coverage [%]
	Above	Below	
Total	0.00	1378.66	44



Runline File: Oristano  
 Block: New Runline(1)  
 Line: 34

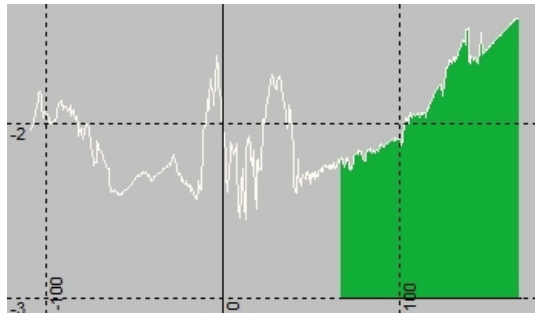
Sections	Volume		Coverage [%]
	Above	Below	
Total	0.00	1347.95	41





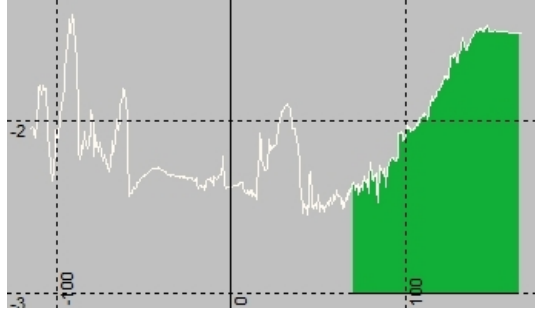
Runline File: Oristano  
 Block: New Runline(1)  
 Line: 35

Sections	Volume		Coverage [%]
	Above	Below	
Total	0.00	1164.49	37



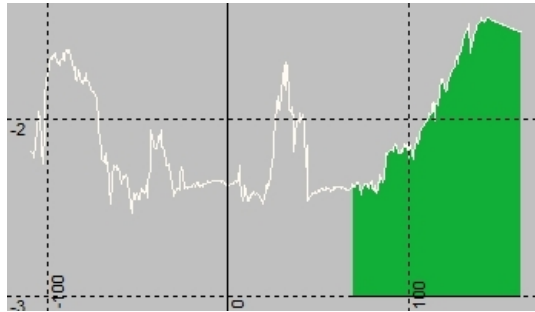
Runline File: Oristano  
 Block: New Runline(1)  
 Line: 36

Sections	Volume		Coverage [%]
	Above	Below	
Total	0.00	1068.37	34



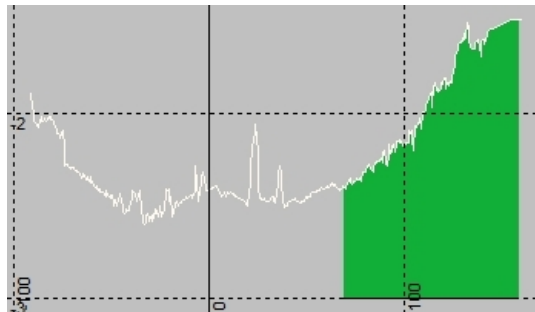
Runline File: Oristano  
 Block: New Runline(1)  
 Line: 37

Sections	Volume		Coverage [%]
	Above	Below	
Total	0.00	1029.98	34



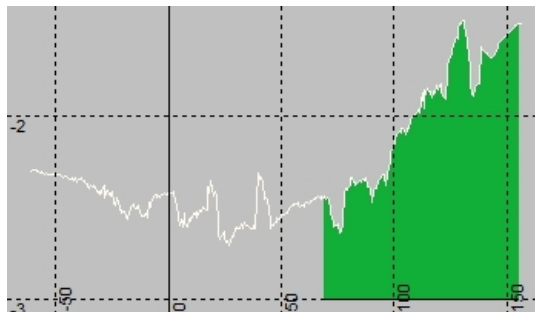
Runline File: Oristano  
 Block: New Runline(1)  
 Line: 38

Sections	Volume		Coverage [%]
	Above	Below	
Total	0.00	957.53	36



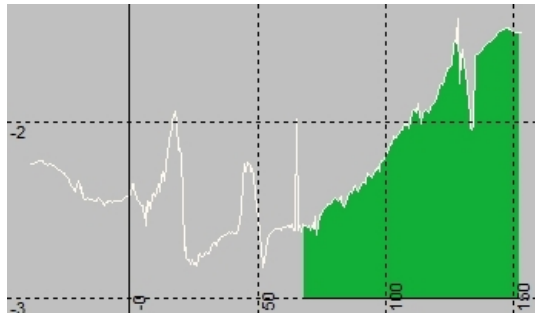
Runline File: Oristano  
 Block: New Runline(1)  
 Line: 39

Sections	Volume		Coverage [%]
	Above	Below	
Total	0.00	860.33	40



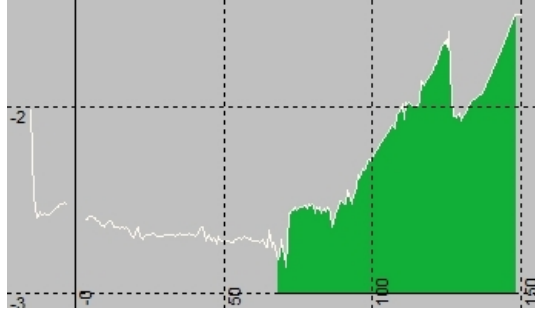
Runline File: Oristano  
 Block: New Runline(1)  
 Line: 40

Sections	Volume		Coverage [%]
	Above	Below	
Total	0.00	816.48	44



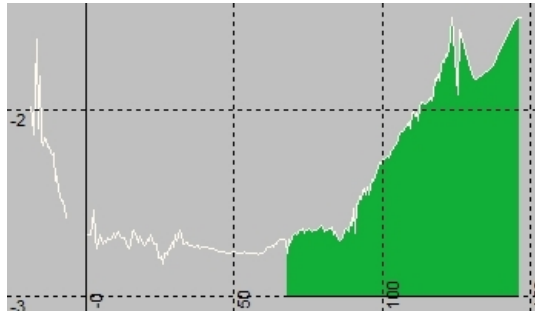
Runline File: Oristano  
 Block: New Runline(1)  
 Line: 41

Sections	Volume		Coverage [%]
	Above	Below	
Total	0.00	675.82	51



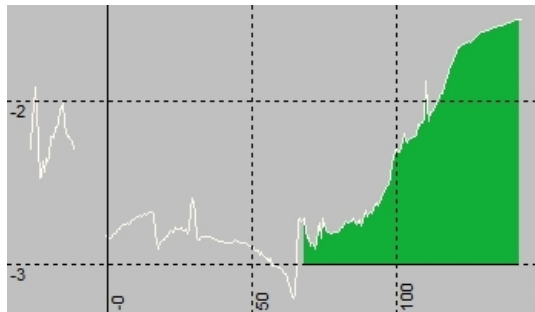
Runline File: Oristano  
 Block: New Runline(1)  
 Line: 42

Sections	Volume		Coverage [%]
	Above	Below	
Total	0.00	656.12	49



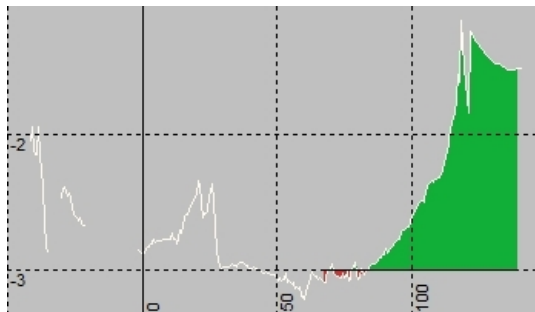
Runline File: Oristano  
 Block: New Runline(1)  
 Line: 43

Sections	Volume		Coverage [%]
	Above	Below	
Total	0.00	587.99	47



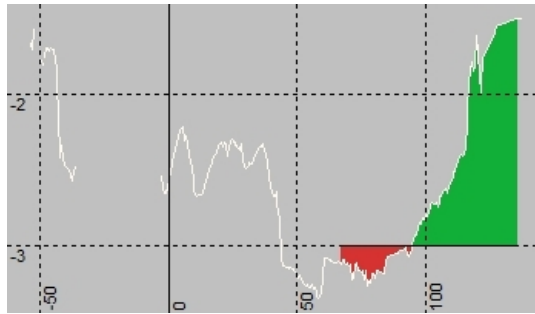
Runline File: Oristano  
 Block: New Runline(1)  
 Line: 44

Sections	Volume		Coverage [%]
	Above	Below	
Total	5.80	487.80	46



Runline File: Oristano  
 Block: New Runline(1)  
 Line: 45

Sections	Volume		Coverage [%]
	Above	Below	
<b>Total</b>	32.58	325.13	45



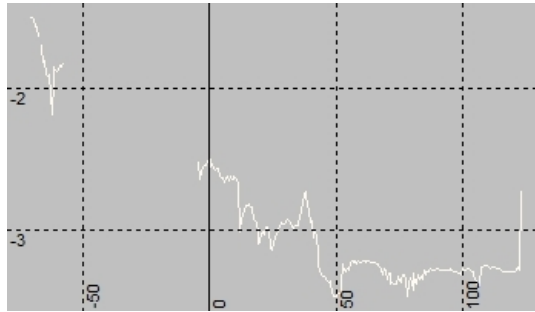
Runline File: Oristano  
 Block: New Runline(1)  
 Line: 46

Sections	Volume		Coverage [%]
	Above	Below	
<b>Total</b>	20.06	37.39	21



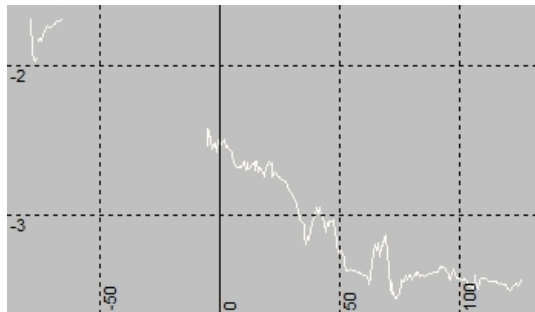
Runline File: Oristano  
 Block: New Runline(1)  
 Line: 47

Sections	Volume		Coverage [%]
	Above	Below	
<b>Total</b>	0.00	0.00	0



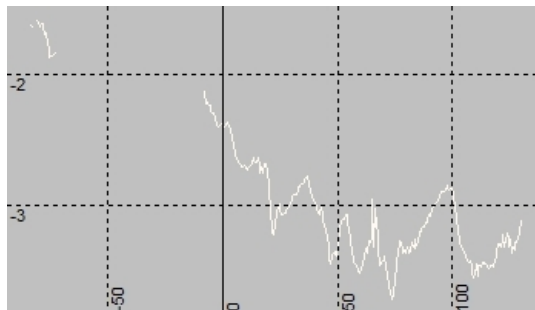
Runline File: Oristano  
 Block: New Runline(1)  
 Line: 48

Sections	Volume		Coverage [%]
	Above	Below	
<b>Total</b>	0.00	0.00	0



Runline File: Oristano  
 Block: New Runline(1)  
 Line: 49

Sections	Volume		Coverage [%]
	Above	Below	
<b>Total</b>	0.00	0.00	0

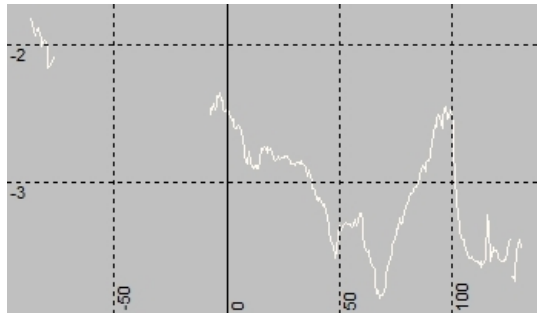


**Runline File: Oristano**

**Block: New Runline(1)**

**Line: 50**

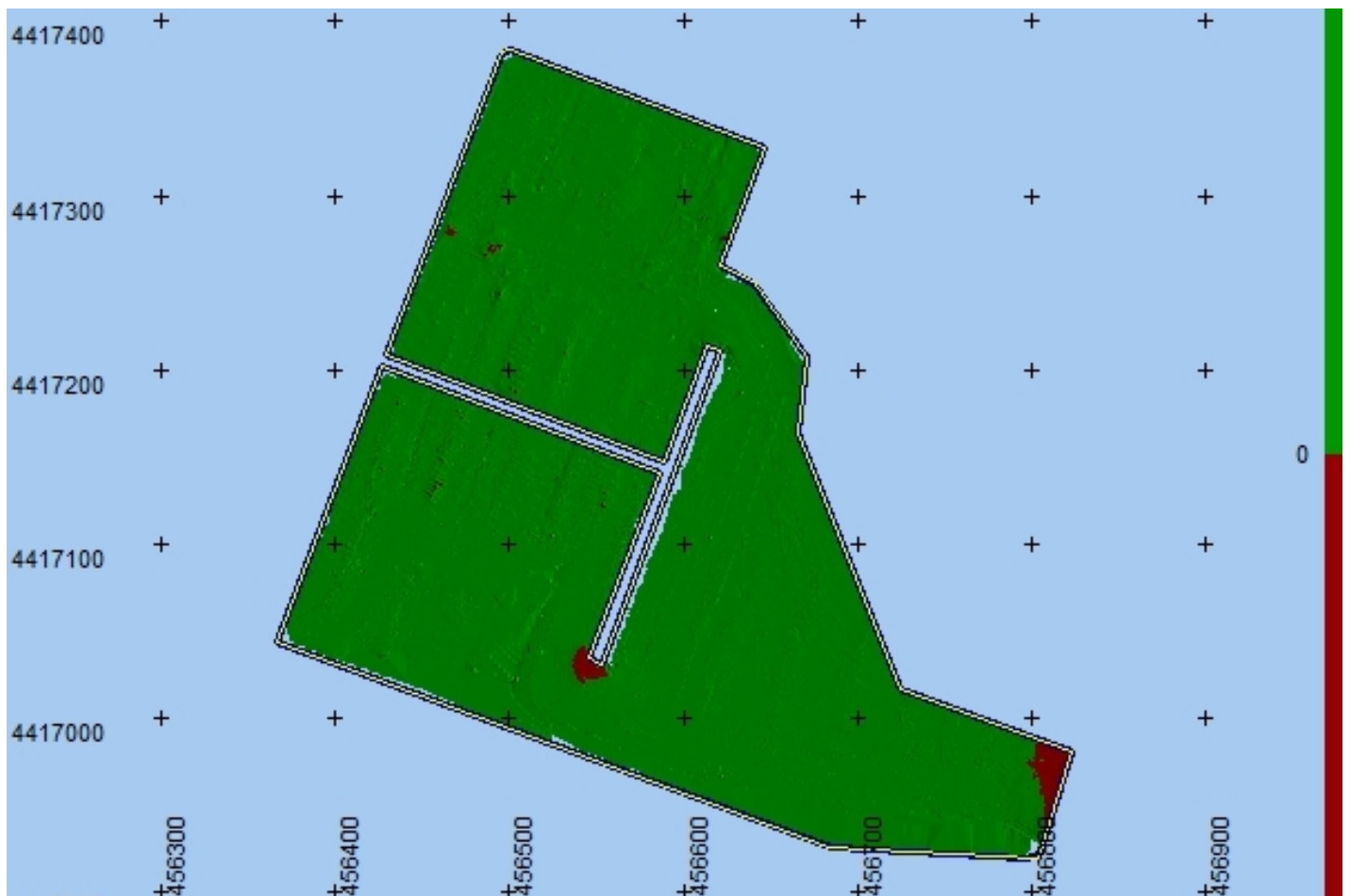
Sections	Volume		Coverage [%]
	Above	Below	
<b>Total</b>	0.00	0.00	0



# Grid model volume computation: Oristano 0.5 m con aree di chiusura

Project	Oristano
Generated	24/01/2022 10:06:04
Grid model	Oristano 0.5 m con aree di chiusura
Clipping polygon	Escavo-3.00_nuovo
Area of clipping polygon	102344.93 m <sup>2</sup>
Reference	Reference fixed level: -3.00 m
Reference offset	0.00 m
Volume above	91411.15 m <sup>3</sup>
Volume below	145.75 m <sup>3</sup>
Volume difference	91265.39 m <sup>3</sup>
Area above	98568.87 m <sup>2</sup> (96.31 %)
Area below	901.66 m <sup>2</sup> (0.88 %)
Area without data	2874.40 m <sup>2</sup> (2.81 %)
Area without reference	0.00 m <sup>2</sup> (0.00 %)
Average layer thickness	0.92 m

## Result:



**Model:**

