

**TABELLA 8**  
**PROVA RESPIROMETRICA - AREA 2**

Test Start: 13.40

TIME FROM TEST		(min)	0	20	140	200	905	1685
VEP 2	O2	(%)	17.7	18.1	5.8	5.2	0.6	0.5
	CO2	(%)	2.1	2.1	7.9	8.6	13.7	13.6
	CH4	(%)	>100	>100	>100	>100	>100	>100
	VOC	(ppm)	1400	650	330	550	600	600.0
NP2/1	O2	(%)	1.8	1.2	0.8	0.7	0.6	0.5
	CO2	(%)	16.3	17.2	17.4	17.5	17.6	18.0
	CH4	(%)	>100	>100	>100	>100	>100	>100
	VOC	(ppm)	2900	2100	460	900	700	500.0
NP2/2	O2	(%)	0.5	0.3	0.1	0.0	0.0	0.0
	CO2	(%)	16.9	17.1	17.4	17.5	18.1	18.6
	CH4	(%)	>100	>100	>100	>100	>100	>100
	VOC	(ppm)	2150	1700	1490	1500	860	719.0
NP2/3	O2	(%)	0.0	0.0	0.0	0.0	0.0	0.0
	CO2	(%)	15.1	15.1	15.0	15.1	15.1	15.1
	CH4	(%)	>100	>100	>100	>100	>100	>100
	VOC	(ppm)	280	224	380	390	360	390.0

(considering P=1atm; soil porosity = 20%; soil specific gravity = 1.440 Kg/mc; T =288 °K)

NESTY	Ko2 %O2/min	Ko2 %O2/ore	K	Media
			mg Hexane/Kg	mg Hexane/Kg
VEP2	0.00880	0.5280	6.743	2.426
NP2/1	0.00050	0.0300	0.383	
NP2/2	0.00020	0.0120	0.153	
NP2/3	0.00000	0.0000	0.000	

**Biodegradation**

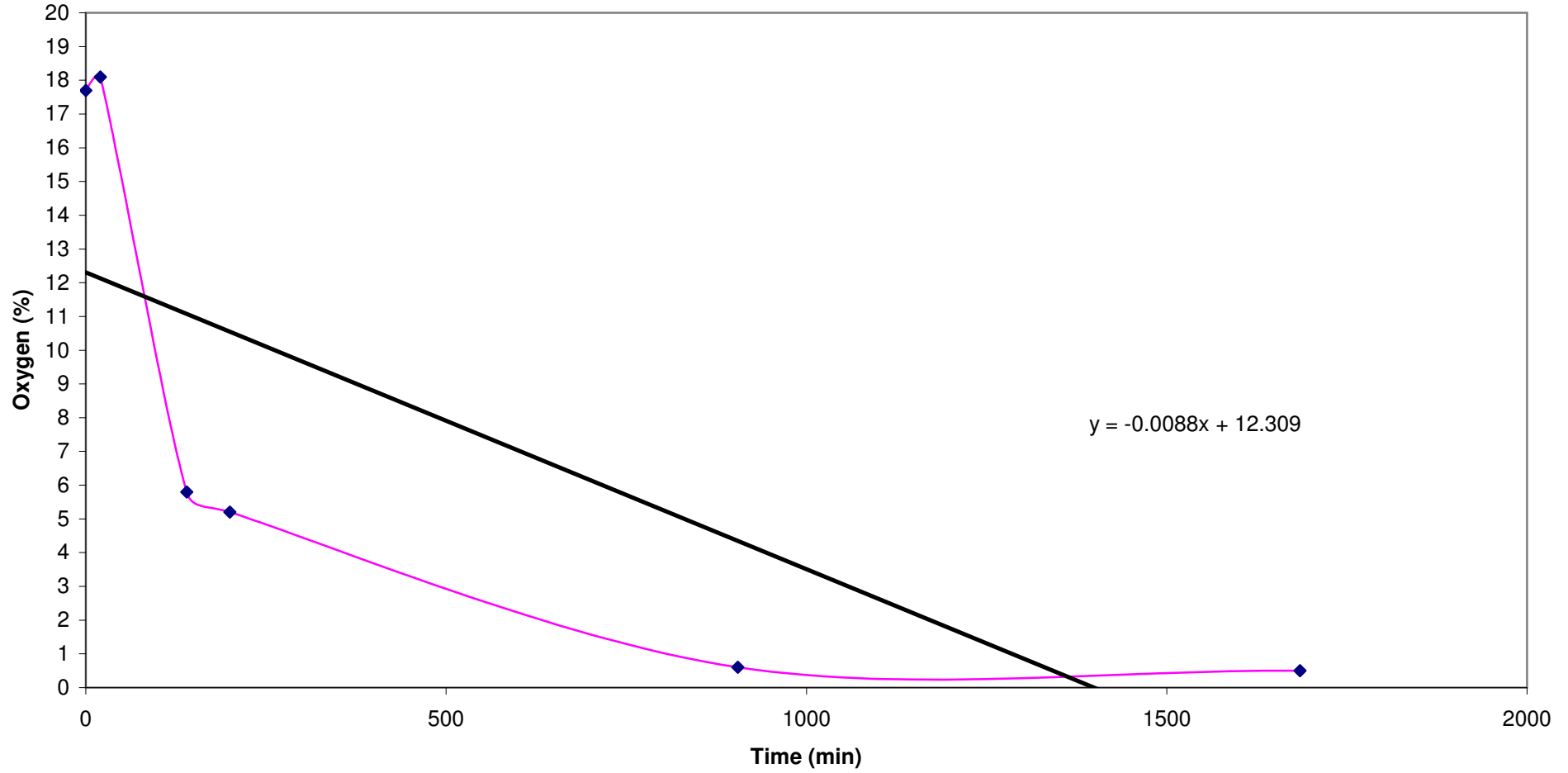
$$\begin{array}{ccccccc}
 2.426 & * & 10 & * & 1.587.000 & = & 38.5 \\
 \text{mg Hexane} & & \text{days} & & \text{kg soil} & & \text{kg Hexane} \\
 \text{kg soil * day} & & & & & & 
 \end{array}$$

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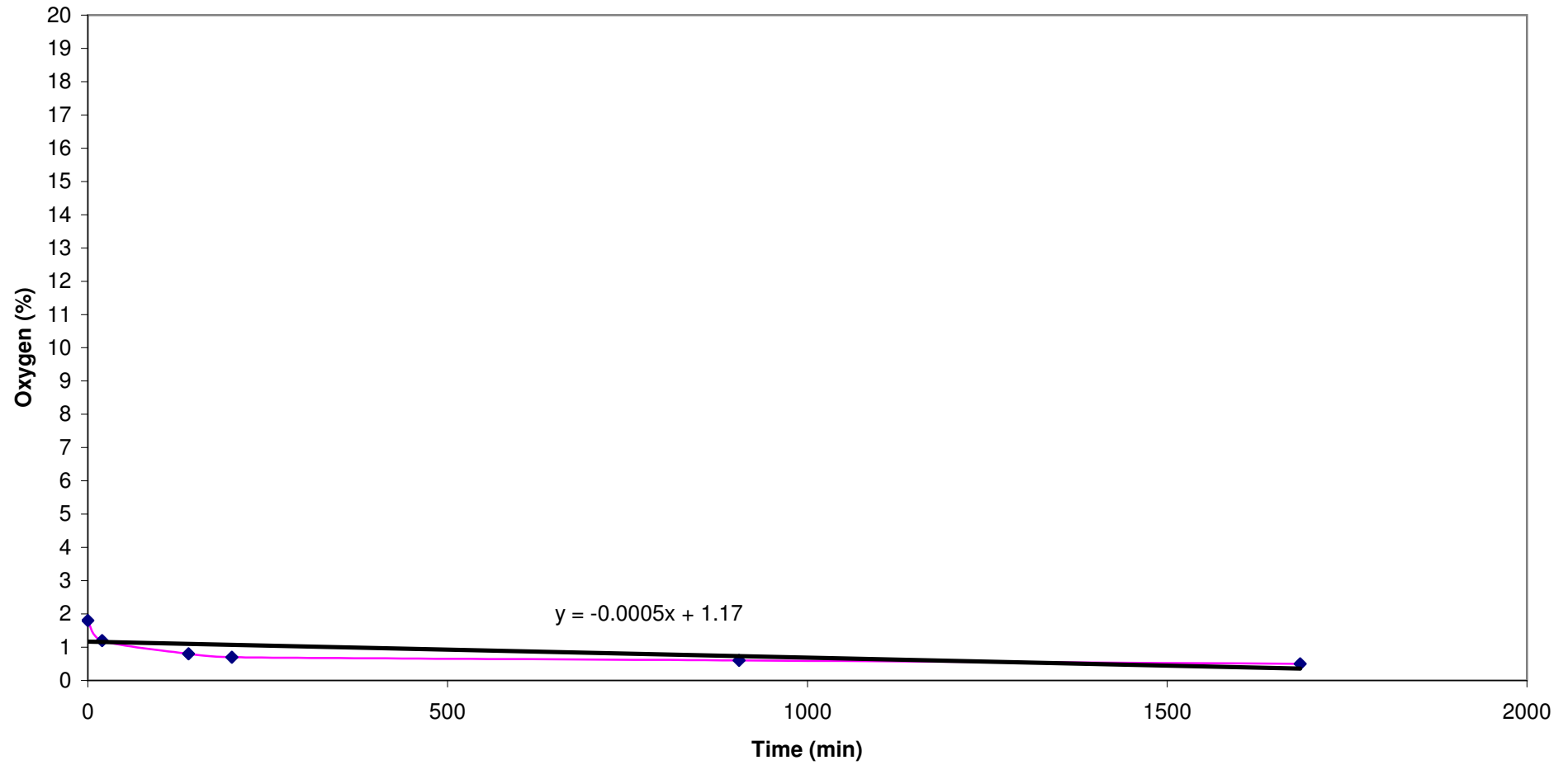
**Test Start:** 13.40

<b>TIME FROM TEST</b>		<b>(min)</b>	<b>0</b>	<b>20</b>	<b>140</b>	<b>200</b>	<b>905</b>	<b>1685</b>
<b>VEP 2</b>	O2	(%)	17.7	18.1	5.8	5.2	0.6	0.5
	CO2	(%)	2.1	2.1	7.9	8.6	13.7	13.6
	CH4	(%)	>100	>100	>100	>100	>100	>100
	VOC	(ppm)	1400	650	330	550	600	600.0
<b>NP2/1</b>	O2	(%)	1.8	1.2	0.8	0.7	0.6	0.5
	CO2	(%)	16.3	17.2	17.4	17.5	17.6	18.0
	CH4	(%)	>100	>100	>100	>100	>100	>100
	VOC	(ppm)	2900	2100	460	900	700	500.0
<b>NP2/2</b>	O2	(%)	0.5	0.3	0.1	0.0	0.0	0.0
	CO2	(%)	16.9	17.1	17.4	17.5	18.1	18.6
	CH4	(%)	>100	>100	>100	>100	>100	>100
	VOC	(ppm)	2150	1700	1490	1500	860	719.0
<b>NP2/3</b>	O2	(%)	0.0	0.0	0.0	0.0	0.0	0.0
	CO2	(%)	15.1	15.1	15.0	15.1	15.1	15.1
	CH4	(%)	>100	>100	>100	>100	>100	>100
	VOC	(ppm)	280	224	380	390	360	390.0

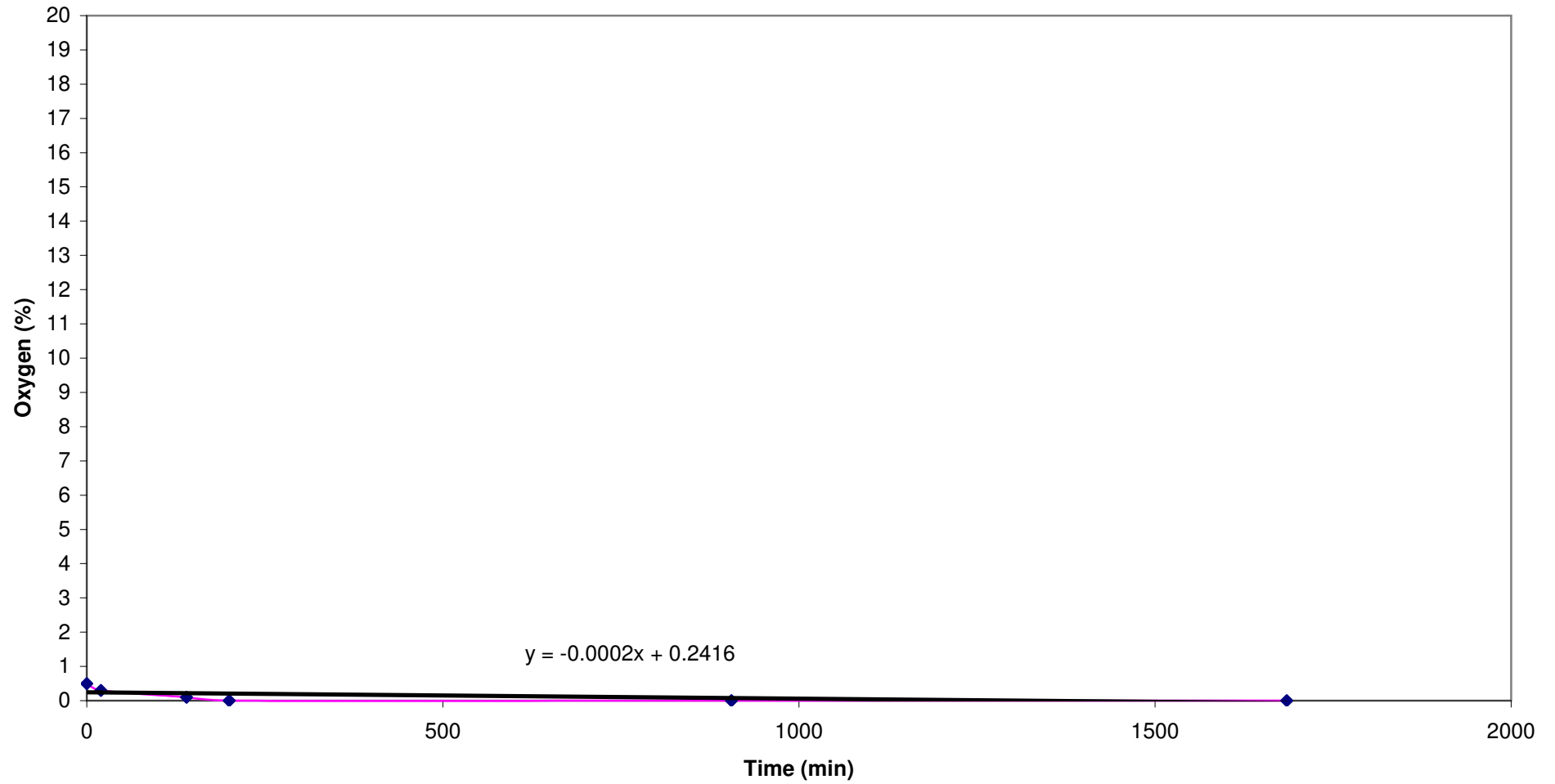
**GRAFICO 2**  
**PROVA RESPIROMETRICA - AREA 2**  
**VEP 2 - Variazione concentrazione O<sub>2</sub>**



**GRAFICO 3**  
**PROVA RESPIROMETRICA - AREA 2**  
**NP2/1 - Variazione concentrazione O<sub>2</sub>**



**GRAFICO 4**  
**PROVA RESPIROMETRICA - AREA 2**  
**NP2/2 - Variazione concentrazione O<sub>2</sub>**



**GRAFICO 5**  
**PROVA RESPIROMETRICA - AREA 2**  
**NP2/3 - Variazione concentrazione O<sub>2</sub>**

