



NERITA-1

FROME - BROKEN HILL PTY. LTD.

NAME. NERITA NO.1.

W 508

R553

Otway  
Basin  
R 553

Geochem  
Corres. file

NERITA 1												
NER-1												
Otway Basin												
33 33 s. lat. 144 14 e. long.												
#	M	FT	ZI-C	ZO-C	ZN	ZH	S1	S2	TMAX	PI	HI	GP
1	375	1230	3.7	2.95	0.07	0.69	0.16	1.6	465	0.09	56	1.8
2	387	1270	29.7	0.64	bd1	0.26	0.08	bd1	ndm	---	---	0.2
3	543	1730	2.7	3.20	0.03	0.65	0.13	1.7	466	0.10	52	1.9
4	622	2040	6.8	2.90	0.07	0.54	0.21	1.6	473	0.12	54	1.8
5	683	2240	4.1	2.35	0.05	0.52	0.20	0.6	464	0.24	26	0.8
6	784	2570	0.1	54.99	0.50	4.54	5.98	238.0	455	0.02	433	244.0
7	814	2670	bd1	64.70	0.69	4.34	6.57	221.6	462	0.03	343	228.2
8	921	3020	7.6	41.69	0.61	3.11	3.98	124.1	462	0.03	298	128.1
9	951	3120	0.6	63.93	0.99	4.98	7.02	209.0	459	0.03	327	216.0
10	1049	3440	0.6	44.52	0.66	3.42	4.72	147.2	463	0.03	331	152.0
11	1125	3690	bd1	50.60	0.63	4.04	5.35	199.5	464	0.03	394	204.8
12	1189	3900	1.5	51.82	0.76	3.82	5.56	207.2	464	0.03	400	212.7
13	1265	4150	1.3	29.25	0.38	2.21	2.94	31.9	466	0.03	280	84.9
14	1424	4670	12.1	2.01	bd1	0.46	0.18	0.8	464	0.18	40	1.0
15	1491	4890	7.5	12.50	0.19	1.26	1.12	12.0	439	0.09	96	13.2
16	1671	5480	1.4	0.39	bd1	0.46	0.19	bd1	ndm	---	---	0.3
17	1826	5990	1.6	0.61	0.06	0.43	bd1	0.2	431	---	34	0.2
18	1960	6430	2.7	1.88	0.06	0.47	0.24	1.8	473	0.12	94	2.0
19	2006	6580	0.9	5.25	0.09	0.79	0.66	7.5	495	0.03	143	8.1

Pyrolysis run with CDS Pyroprobe and modified interface: TMAX inaccurate.

M is sample depth in meters.

FT is sample depth in feet.

ZI-C is inorganic carbon as % calcium carbonate in rock.

ZO-C is organic carbon as % carbon in rock.

ZN is % nitrogen in rock.

ZH is % hydrogen in rock.

S1 is pyrolysis free-hydrocarbon signal (mg hydrocarbons/g rock).

S2 is pyrolysis kerogen signal (mg S2 hydrocarbons/g rock).

PI is production index [S1/(S1+S2)].

TMAX is temperature at which S2 signal is maximum (deg C).

HI is hydrogen index (mg hydrocarbons/g O-C).

GP is genetic potential (kg hydrocarbons/ton rock) (S1+S2).

'bd1' means 'below detection limit'; '---' means 'not determined'.

'ndm' means 'no definitive maximum'.

BUREAU OF MINERAL RESOURCES  
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JSS.