

The Shell Company of Australia Limited
METALS DIVISION

DRILL LOG SHEET

Hole No : CR DH1

PROJECT : SCAMANDER

COLLAR CO-ORDINATES : 9998N, 9775E

LOCATION CODE : LHO2

COLLAR R.L. :

LOCATION : CRAMPS MAP/PHOTO REFERENCE :	DATE STARTED	21/10/85	HOLE SIZE		FROM	TO	TOTAL	CORE STORAGE
	DATE FINISHED		NON CORE	6"	0	4.5	4.5	NO OF TRAYS
	TOTAL DEPTH			4½"	4	100	95.5	SAMPLE STORAGE
HOLE SURVEY DATA			LOGGED BY	AJW	CORE			ASSAY LAB.
INSTRUMENT : EASTMAN CAMERA			CONTRACTOR	STACPOOLE				ASSAY REPORTS
DEPTH	INSTRUMENT		ACID ETCH		REMARKS	RIG	FOX B-80 MOBIL DRILL	MIN. & PET. LAB.
COLLAR	INCL.	AZ.	INCL.	AZ.		DRILL CREW	WAYNE BALD TERRY LODGE	
4m	-89°	016°						MIN. & PET. REPORTS
25m	-89°	334°						
50	-87°	010°						
75	-85½°	016°						
100	-85°	014°						

GRAPHIC / LETTER SYMBOL LOGGING KEY

<input type="checkbox"/> Ss	Sandstone	<input type="checkbox"/> Qtz	Quartz	<input type="checkbox"/> Fg	Fine grained
<input type="checkbox"/> Ssd	Silty sandstone	<input type="checkbox"/> Py	Pyrite	<input type="checkbox"/> Mg	Medium grained
<input type="checkbox"/> Qt	Quartzite	<input type="checkbox"/> Po	Pyrrhoite	STRUCTURE / ALTERATION CODE	
<input type="checkbox"/>		<input type="checkbox"/> Chl	Chlorite	B BEDDING	O OXIDATION
<input type="checkbox"/>		<input type="checkbox"/> FELD	Feldspar	J JOINTING	(0°, 45°, Po)
				C CLEAVAGE	(cleavage dip relative to bedding, cleavage dip, mineralogy)
				F FOLIATION	
				sh SHEARING	
				q QUARTZ VEINS	

DRILLING SUMMARY : 0.279.2 : Interbedded shales, sandstones and quartzites of the Mathinna Beds. Minor quartz veins with traces of pyrite and pyrrhoite.
No cement observed.

020

PROJECT : SCAMANDER CRAMPS

SCALE : _____

HOLE NO : CRD - 1

From	To	Inter'l (m)	Core Rec'd	% Rec'd	Sample No	Grap'c Log	Assays				Weighted Assays/Ratios				% Estimates				Core Angles		Alt.	T.S. P.S.	Description
							K	Y	Fe	SI													
0	4						10																Tan and White Siltstone
4	6						10																Tan and White Siltstone
6	8						15																Tan and White Siltstone
8	10						60																Tan and White Siltstone
10	12						10																Tan and White Siltstone some f.g. grey Qtz
12	14						17																Tan and White Siltstone some f.g. grey Qtz
14	16						10																Tan, Grey, White S.S and minor Qv
16	18						11																Grey, Tan, White S.S and trace Fe Oxides
18	20						20																Grey, Yellow, White S.S
20	22						8																Dark Grey SS, White and Yellow fractures, trace Py
22	24						9																Dark Grey SS, White and Yellow fractures, some Py
24	26						14																Dark Grey SS, minor Yellow on fractures, Minor Qv, Py~0.1%
26	28						13																Dark Grey Shale, minor QV, Py 0.4% in fractures
28	30						16																Grey Shale, minor QV, Py 0.2%
30	32						20																Grey Ssd, minor dark grey shale, minor QV, Py~0.2% in fractures
32	34						25																Dark Grey Shale, Grey Ssd, Py~0.1% in fractures
34	36						17																Dark Grey Shale, minor grey Ssd, Py~0.4% in fractures
36	38						24																Dark Grey Shale, minor grey Ssd, Py~0.2% in fractures
38	40						28																Grey Ssd, dark grey shale, minor QV, Py~0.2% in fractures
40	42						30																Dark grey shale, grey Ssd, minor QV, Py~0.2% in fractures
42	44						30																Dark grey shale, grey Ssd, minor QV, Py~0.1% in fractures
44	46						28																Grey Ssd, dark grey shale, Py~0.2% in fractures
46	48						45																Grey Ssd, dark grey shale, Py~0.1% in fractures
48	50						15																Grey Ssd, dark grey shale, Py~0.7% in fractures
50	52						21																Dark grey shale, minor grey Ssd, Py~0.4% in fractures
52	54						30																Grey f.g. Qt and minor dark grey shale, Py~0.2% in fractures
54	56						30																Grey f.g. Qt and minor dark grey shale, Py~0.2% in fractures
56	58						27																Grey f.g. Qt and minor dark grey shale, Py~0.3% in fractures
58	60						17																Grey f.g. Qt and minor dark grey shale, Py~0.1% in fractures
60	62						19																Grey f.g. Qt and minor dark grey shale, Py~0.1% in fractures
62	64						15																Grey f.g. and minor QV, some Py in fractures
64	66						15																Grey f.g. and minor QV, some Py in fractures
66	68						20																Grey f.g. Qt and minor grey shale, some Py in fractures
68	70						26																50% dark grey shale, 50% grey f.g. Qt, minor QV, some Py
70	72						27																Grey f.g. Qt, dark grey shale, white-grey Ssd, minor QV, Py~0.1% in fractures
72	74						53																Grey fg Qt, drk grey shale, minor sugary Quartz, Py~0.1% in fractures
74	76						24																Grey f.g. Qt, dark grey shale, some Py in fractures
76	78						16																Grey f.g. Qt, dark grey shale, minor Py in fractures
78	80						20																Dark Grey Shale, Grey PyQt, Py~0.2% in fractures
80	82						28																Dark grey shale, grey PyQt, minor QV, Py~0.2% in fractures
82	84						39																Dark grey shale, grey PyQt, minor QV, Py~0.1% in fractures
84	86						26																Grey f.g. Qt, dark grey shale, minor QV, minor Py in fract.
86	88						48																Dark grey shale, grey f.g. Qt, minor Qv, minor Py in fract.
88	90						46																Dark grey shale, grey f.g. Qt, minor Qv, minor Py in fract.
90	92						85																Dark Grey shale, minor Qv, Py 0.1% in fractures
92	94						60																Dark grey shale, minor QV, Py 0.1% in fractures
94	96						35																Dark grey shale, minor Qv, minor Py in fractures
96	98						54																Dark grey shale, minor QV, minor Py in fractures
98	100						50																Dark grey shale, minor QV, minor Py in fractures

LEVEL OF OXIDATION

HOLE NO :

PROJECT : SCAMANDER

SCALE : _____

HOLE NO : _____

From	To	Inter'l (m)	Core Rec'd	% Rec'd	Sample NO	Graphic Log	Assays				Weighted Assays/Ratios				% Estimates				Core Angles		Alt.	T.S. P.S.	Description
240.40	243.20	2.80	2.86	102															080°			240.40 - 243.46	Light grey-green fg-mg quartzite with occasional 10-25cm interbeds of dark grey shale. Quartz with minor Po filled tension gashes weakly disseminated Py to 0.5mm (1%)
243.20	243.46	0.26	0.26	100																		243.46 - 265.40	Interbedded dark grey shale grey-green fg-mg quartzite and grey green phyllite. Interbeds of 1cm - 0.8m.
243.46	246.20	2.74	2.75	100																			
246.20	249.20	3.00	2.94	98																			
249.20	252.20	3.00	3.01	100															(080°, 80°, Qtz, FeId)				
252.20	255.20	3.00	3.01	100															(180°, 70°, Qtz, Fdd)				
255.20	258.20	3.00	2.99	100															40° (? 75° Qtz Po)				
258.20	261.20	3.00	3.03	101															53° (340°, 80°, Qtz, Po)				
261.20	264.20	3.00	2.92	97															40°				
264.20	265.40	1.20	1.20	100																			
265.40	270.20	1.60	1.60	100																			
267.20	268.60	1.40	1.39	99																			
268.60	270.20	1.60	1.69	100																			
270.20	273.20	3.00	3.04	101																			
273.20	275.22	2.02	2.02	100																			
275.22	276.20	0.98	0.94	96																			
276.20	278.00	1.80	1.70	94																			
278.00	279.20	1.20	1.20	100																			
END OF HOLE																							

080

HOLE NO :