

Midland Energy

DRILL HOLE No 0J38

SHEET 1 OF 4

Survey Depth	Azimuth	Dip	Hole Co-ordinates	GDA94 GPS
			Easting	0525 314m E
			Northing	5301 335m N
			Elevation (m)	550m RL
			Azimuth_Mag	0
			Dip	-90°

PROJECT: OAKLANDS-JERICO MUDWALLS ROAD
PROSPECT: EL26/2008
DATE: MONDAY 29TH SEPTEMBER 2014
LOGGED BY: MURCOTT

KMR TRUCK MOUNTED ROVING SCOUT

DRILLER: DALE ROBERTS

HOLE DEPTH	CORE RECOVERY	ROD	SAMPLE NO	SULPHIDES					PICTORIAL LOG		GRAPHIC LOG	GEOLOGY NOTES	SUMMARY LOG
				PREFIX	1	3	1	3	5	STRUCT			
1											0-3.4m REGDLITH RED-BROWN SANDY CLAYS.	SCREW 5 1/2 INCH PRECOLLAR	
2													
3													
4	60	100							x b 70°		3.4-11.55 SANDSTONE; LITHIC; YELLOW; SOME LIGHT GREY; JOINTED.	HQ3 DIAMOND DRILL	
5	100	45							x 140° x 130° x 145°				
6	100	0							x 10° x b 75°		SOME COAL AND CARBONACEOUS MUDSTONE FLASERS AND FINE FLASER BEDS		
7	100	15							x 110° x 145°				
8	100	55							x b 70°	COAL FLASERS			
9	100	10							x 10°				
10	100	35							x b 80°				
11	100	40							x 160° x 130°		11.55-11.72m IRONSTONE BED; IRON STAINED MUDSTONE (DOLERITE?) Fe ALTERED		
12	100	25							x 140° x 145° x 135°	closed Fe	11.72-12.51m SANDSTONE; LIGHT GREY; IRON STAINING ALONG TRENDS; MEDIUM TO COARSE GRAINED.		
13	100	30							x 140° x 110°	pyrite	12.51-13.11m COBALT PYRITE AND IRON ALTERED SEDIMENTS; SOME GREY MUDSTONE; Fe ALTERED		
14	100	0							x 10° x 168°	Fe pyrite	13.11-13.35m SILTSTONE; HALO OF IRON ALTERED SEDIMENTS 13.35-13.80m SILTSTONE; SOME IRON ALTERATION 13.80-14.14m PYRITE AND IRON ALTERED COAL		
15	100	30							x 110° x b 82°	pyrite	14.14-14.25m SILTSTONE; IRON ALTERED HALO 14.25-17.45m SANDSTONE; LITHIC; LIGHT GREY; DIRTY MATRIX; JOINTED		
16	100	50							x 110° x 160°	flasers	SOME COAL FLASER FRAGMENTS AND FLASER LAMINAE IN SANDSTONE UNIT		
17	100	25							x 140° x 160°		17.45-17.65m (0.20m) COAL; DULL; S/GA BRIGHT SOME DEATHENED		
18	100	0							x 10° x 185° x 130°	closed	17.65-17.68m CARBONACEOUS MUDSTONE - FRAGILE; DARK GREY 17.68-18.04m GREY MUDSTONE; SOME CARBONACEOUS MUDSTONE 18.04-19.70m GREY MUDSTONE; BEDDED; SOME SILTSTONE		
19	100	0							x 35° x b 88°		19.70-19.87m GREY MUDSTONE WITH SOME CARBONACEOUS MEDIUM GREY 19.87-21.65m GREY MUDSTONE; MASSIVE; LIGHT GREY	MUDSTONE	
REMARKS x P pyrite - pyrite formed during deposition - Redox Reaction - IN SWAMP ENVIRONMENT.													

Survey Depth	Azimuth	Dip	Hole Co-ordinates
			Easting
			Northing
			Elevation (m)
			Azimuth_Mag
			Dip

PROJECT: <u>OARLANDS-JERICO Mud Walls Road</u>
PROSPECT: <u>EL26/2008</u>
DATE: <u>29th SEPTEMBER 2014</u>
LOGGED BY: <u>MURCOTT</u>

HOLE DEPTH	CORE RECOVERY	ROD	SAMPLE NO	SULPHIDES					PICTORIAL LOG		GRAPHIC LOG	GEOLOGY NOTES	SUMMARY LOG		
				1	3	1	3	5	STRUCT	ALT					
21	95	0													
22	100	75													
23	100	30													
24	100	25													
25	100	0													
26	100	0													
27	100	20													
28	100	90													
29	100	80													
30	100	100													
31	100	95													
32	100	55													
33	100	85													
34	100	45													
35	100	80													
36	100	100													
37	100	95													
38	100	70													
39	100	75													
40	100	80													
REMARKS													CMS = CARBONACEOUS MUDSTONE		

Survey Depth	Azimuth	Dip	Hole Co-ordinates
			Easting
			Northing
			Elevation (m)
			Azimuth_Mag
			Dip

PROJECT: <u>OAKLANDS-JERICHO MUD WALLS ROAD</u>
PROSPECT: <u>EL26/2008</u>
DATE: <u>29th SEPTEMBER 2014</u>
LOGGED BY: <u>MURCOTT</u>

HOLE DEPTH	CORE RECOVERY	RQD	SAMPLE NO	SULPHIDES					PICTORIAL LOG		GRAPHIC LOG	GEOLOGY NOTES	SUMMARY LOG	
				PREFIX	%	1	3	3	5	STRUCT				ALT
41	100	90												
42	100	85												
43	90	20												
44	100	75												
45	100	100												
46	100	100												
47	100	90												
48	100	50												
49	100	45												
50	100	70												
51	100	40												
52	100	75												
53	100	0												
54	100	25												
55	100	40												
56	100	40												
57	100	50												
58	100	0												
59	100	0												
60	100	0												
REMARKS														

42-32 - 42-38 (0.06m) CAR, DULL, ROCKY, SOME SANDSTONE
 CORE LOSS 42.45 - 42.55m
 42-38 - 42-58m CARITY, CORE LOSS, PYRITE, SILTSTONE + MUDSTONE.
 42-58 - 48-19m SANDSTONE; LITHIC; BEEY
 RARE MUDSTONE FRAGMENTS IN SANDSTONE MATRIX
 SOME RARE CALCITE VEINING

48-19 - 48-52m CARBONACEOUS MUDSTONE, BROWN
 TRACE COAL; TRACE SANDSTONE - FAULT? -
 48-52 - 60-60m SANDSTONE; LITHIC COARSE
 FAULTED AND JOINTED.
 DIRTY MATRIX.

56-70m: DISINTEGRATING MATRIX
 WEAK; FRIABLE

