

HARD ROCK COAL MINING

DRILL HOLE No VR-3

Survey Depth	Azimuth	Dip	Hole Co-ordinates <u>GFS-GDA94</u>	
<u>SURFACE</u>	<u>-</u>	<u>90</u>	Easting_	<u>588749</u>
			Northing_	<u>5390334</u>
			Elevation (m)	<u>557</u> <u>SEALED</u>
			Azimuth_Mag	
			Dip	

SHEET 1 OF 6

PROJECT: VALLEY ROAD FINGAL

PROSPECT: EL 16/2010

DATE: 13/2/2012

LOGGED BY: W. HAGELL

STACDOOLE ENTERPRISES
DRILLER: T. LODGE

MOBILE B-90 TRUCK MOUNTED UNIVERSAL RIG.

HOLE DEPTH	CORE RECOVERY	RQD	SAMPLE NO	SULPHIDES					PICTORIAL LOG		GRAPHIC LOG					GEOLOGY NOTES	SUMMARY LOG	
				PREFIX	%					STRUCT	ALT	mm						
					.1	.3	1	3	5			0.06	0.5	2	8			32
0	0	N/A													HGS CORE FROM SURFACE			
2	0																	
4	100	PLUS													3.00 - 21.43 DOLORITE TALUS			
6	80														DEEPLY WEATHERED DOLORITE WITH FRESH KERNALS			
8	100														BOULDERS OF GREY MEDIUM GRAINED OPHITIC DOLORITE			
10	100														WITHIN A RED-BROWN HEMATITIC CLAY			
12	40																	
14	86																	
16	100																	
18	60																	
20	100																	
22	100	0													21.40 - 26.64 COM			
24	100	39													SLICKEN SLIDE			
26	100	0																
28	100	62																
30	100	88													27.00 - 49.54 MUDSTONE GRADUALLY GRADING DOWN TO A SANDSTONE			
32	100	72													WITHIN THE SANDSTONE THERE ARE COAL FLASORS			
34	100	64																
36	100	100																
38	100	100													37.44 - 38.30 COAL FLASORS			
40	100	100																

REMARKS

3.00-21.43 DOLEITE TALUS
DEEPLY WEATHERED DOLEITE WITH FRESH KERNELS
BOULDERS OF GREY MEDIUM GRAINED OPHITIC DOLEITE
WITHIN A RED-BROWN HEMATITIC CLAY

21.40-26.64 COM
SLICKEN SLIDE

27.00-49.54 MUDSTONE GRADUALLY CHANGING DOWN TO A SANDSTONE
WITHIN THE SANDSTONE THERE ARE COAL FLASORS
PRESENT

37.44-38.30 COAL FLASORS

REMARKS

DRILL HOLE No VR003

SHEET 2 OF 6

Survey Depth	Azimuth	Dip	Hole Co-ordinates	
0	N/A	-90.	Easting_	588749
			Northing_	5390339
			Elevation (m)	549 (GPS)
			Azimuth_ Mag	557 (scaled)
			Dip	

PROJECT: VALLEY ROAD FTNGAL

PROSPECT: EL 16/2010

DATE: 5/3/2012

LOGGED BY: W. HAZELL

HOLE DEPTH	CORE RECOVERY	ROD	SAMPLE NO	SULPHIDES					PICTORIAL LOG		GRAPHIC LOG					GEOLOGY NOTES	SUMMARY LOG	
				PREFIX	%					STRUCT	ALT	mm						
					.1	.3	1	3	5			0.06	0.5	2	8			32
	100	94															40-41 TOTAL WATER LOSS	
42	100	100																
	100	100																
44	100	100															42.13-43.39 COAL FLASORS	
	100	80																
46	100	57																
	100	75															46.74-47.46 COAL FLASORS.	
48	100	100																
	100	100																
50	100	47																
	100	16															51.71-54.2 COAL SEAM	
52	100	0																
	100	46																
54	100	60																
	100	13															54.2-55.7 CARBONACEOUS MUDSTONE	
56	100	12																
	100	41															56.7-59.54 GREY MUDSTONE DOWN GRADING TO AN OXIDISED SILTSTONE	
58	100	70																
	100	60																
60	100	38															59.54-60.71 (calcite veining)	
	100	34																
62	100	100															60.71-68.15 COARSE GRAINED LITHIC MASSIVE OXIDISED SANDSTONE	
	100	51															OCCASIONAL CALCITE VEINING.	
64	100	100															61.73 LONG CALCITE VEIN	
	100	100																
66	100	100																
	100	59																
68	110	94															66.5 COAL FLASORS	
	100	90															66.75-67.00 3cm PUGGY SECTION.	
70	95	26															68.15-73.74 GREY SANDSTONE WITH SOME INTERBEDDED	
	100	95															SILTSTONE MINOR COAL FLASORS. IN SILTSTONE BEDS	
72	85	70															GOOD CROSS BEDDING IS EVIDENT.	
	100	80															69.95 COAL FLASORS	
74	100	69																
	100	0															72.9-73.19 COAL FLASORS	
76	100	37															73.70-77.13 SHARP CONTACT TO COAL SEAM	
	100	12																
78	100	0															77.13-84.25 MUDDY SILTSTONE DOWN GRADING TO A MASSIVE	
	100	79															LITHIC COARSE GRAINED SANDSTONE WITH AN OXIDISED SECTION	
80	100	100															FROM ~79.90-81.95	
REMARKS																		

DRILL HOLE No VR - 003

SHEET 6 OF 6

Survey Depth	Azimuth	Dip	Hole Co-ordinates	
			Easting_	
			Northing_	
			Elevation (m)	
			Azimuth_ Mag	
			Dip	

PROJECT:	VALLEY ROAD FINGAR
PROSPECT:	EL 16/2010
DATE:	22/03/2012
LOGGED BY:	W. HAGELL

HOLE DEPTH	CORE RECOVERY	RQD	SAMPLE NO PREFIX	SULPHIDES					PICTORIAL LOG		GRAPHIC LOG	GEOLOGY NOTES	SUMMARY LOG
				% .1 .3 1 3 5					STRUCT	ALT			
	100	0											
202	100	65							H SEAM #1			200.56 - 204.51 CARBONACEOUS MUDSTONE GRADING INTO INTERBEDDED WITH SANDSTONE	
	100	63										202.41 - 202.54 CARBONACEOUS MUDSTONE BAND	
204	100	80										204.51 - 4in COAL BAND	
	100	43										206.55 - 205.61 SANDY SILTSTONE FINEGRAINED INTERBEDDED WITH FINE SANDSTONE	
206	100	0										206.61 - 206.79 CARBONACEOUS MUDSTONE WITH MINOR COAL	
	100	47										206.29 - 207.42 GREY MUDSTONE INTERBEDDED WITH SANDSTONE	
208	100	25										207.42 - 207.97 DULL HEAVY COAL BAND	
	100	51										207.97 - 207.98 GRADATIONAL CONTACT WITH MUDSTONE AND CARBONACEOUS MUDSTONE	
210	100	50										207.96 - 212.49 GREY MUDSTONE WITH SOME FINE GRAINED SANDSTONE LAYERS, LOTS OF SLIKEN SIDES	
	100	100										208.9 STOCKWORK OF CALCITE VEINS	
212	100	194										212.42 - 217.75 DULL HEAVY COAL WITH SLIKEN SIDE ROOF AND FLOOR CONTACT	
	93	37										212.73 - 217.3 GREY MUDSTONE GRADING INTO INTERBEDDED SANDSTONE AND MUDSTONE THEN GRADING DOWN TO INTERBEDDED CARBONACEOUS MUDSTONE AND GREY MUDSTONE	
214	100	70											
	100	0											
216	100	0											
	100	0											
218	30	0										217.3 EOH TRAY #64	