

831032

C.R.A. EXPLORATION PTY. LIMITED
DRILL CORE LOG

SHEET No. 2

131

No.

TENEMENT NAME ONAH

PLAN - MAP REFERENCE.....

CO-ORDINATES..... AZIMUTH..... DRILLERS..... COMMENCED..... DEPTH..... HOLE No. DD800C5

RL COLLAR..... INCLINATION..... DRILL TYPE..... COMPLETED..... CASING LEFT..... DPO No(s).....

DEPTH		Core Rec. (M)	Core Size	Graphic Log	CORE DESCRIPTION	SPECIAL FEATURES Weath, Alteration, Fracturing, Veining, Mineralization	Sample No.	From (M)	To (M)	Rec (M)	ASSAY VALUES (Analysed by.....)								
From (M)	To (M)										Sn	Cu	Ag	Pb	Zn	W			
61.0	67.0	0.6			RUBBLE - MAINLY TUFFACEOUS SANDSTONE - SUSPECT STOPE FILL MATERIAL	Core loss 5.4m 61.0 - 67.0													
67.0	87.0	17.5	BQ		BLACK SHALE	Minor bands of syngenetic pyrite Qtz veining throughout Bedding variable - av 0° Core loss 0.5m 78.0 - 79.6m loss 0.2m 79.6m - 81.4m loss 1.8m 81.4m - 84.6m Core badly broken 79.6m - 84.4m	869847 848 849 850 851	67.0 69.1 71.1 73.1 75.1 77.1	69.1 71.1 73.1 75.1 77.1	2.5 2.0 2.0 2.0 2.0	4 8 4 6 4	36 34 40 36 38	1 1 1 1 1	50 75 75 55 30	440 310 570 150 120	110 20 35 25 20			G G G G G
87.0	91.6	4.6	BQ		INTERBEDDED BLACK AND GREY SHALES Thin quartz - rich layers	Minor syngenetic py Bedding variable 10° - 80° Minor soft sediment brecciation	869852	87.0	90.2	3.2	<4	38	<1	40	160	25			G

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C.R.A. EXPLORATION PTY. LIMITED
DRILL CORE LOG

SHEET No. 32

TENEMENT NAME DONAH No.

PLAN - MAP REFERENCE

CO-ORDINATES..... AZIMUTH..... DRILLERS..... COMMENCED..... DEPTH..... HOLE No. DD 80 OC 5

RL COLLAR..... INCLINATION..... DRILL TYPE..... COMPLETED..... CASING LEFT..... DPO No(s).....

DEPTH		Core Rec. (M)	Core Size	Graphic Log	CORE DESCRIPTION	SPECIAL FEATURES Weath, Alteration, Fracturing, Veining, Mineralization	Sample No.	From (M)	To (M)	Rec (M)	ASSAY VALUES (Analysed by.....)									
From (M)	To (M)										Sn	Cu	Ag	Pb	Zn	W				
91.6	91.9	0.3			TUFF BRECCIA Angular fragments of basic pyroclastics - vesicular fragments	Minor grains of pyrite														
91.9	99.7	7.8			INTERBEDDED GREY AND BLACK SHALES - POSSIBLY MINOR DOLOMITE LAYERS	Bedding averages 5mm in thickness Bedding var. - av. 20°														
99.7	100.0	0.3			TUFF BRECCIA	Veins of siderite	869853	99.7	100.0	0.3	12	60	3	490	650	10				
100.0	102.2	2.2			BLACK SHALE	Minor siderite and pyrite veinlets	854	100.0	102.2	2.2	8	26	4	240	170	<10				
102.2	102.5	0.3			SIDERITE VEIN	Pyrite + (?) Ag minerals in vein	855	102.2	102.5	0.3	520	250	160	750	910	10				
102.5	103.5	1.0			BLACK SHALES	Siderite quartz veins bedding 45°	856	102.5	103.5	1.0	240	65	15	300	240	10				
103.5	106.4	2.9			QUARTZITE Micaceous	Siderite quartz veinlets throughout Bedding 80°	857	103.5	105.0	1.5	80	14	6	55	38	<10				
							858	105.0	106.4	1.4	22	24	5	110	24	10				
106.4	108.4	2.0			BLACK SHALE	Siderite veinlets throughout Bedding 70°	859	106.4	108.4	2.0	55	85	36	170	80	<10				

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C.R.A. EXPLORATION PTY. LIMITED
DRILL CORE LOG

SHEET No. 4

033

TENEMENT NAME..... No.....

PLAN - MAP REFERENCE.....

CO-ORDINATES..... AZIMUTH..... DRILLERS..... COMMENCED..... DEPTH..... HOLE No. DD 80 OC 5

RL COLLAR..... INCLINATION..... DRILL TYPE..... COMPLETED..... CASING LEFT..... DPO No(s).....

DEPTH		Core Rec. (M)	Core Size	Graphic Log	CORE DESCRIPTION	SPECIAL FEATURES Weath, Alteration, Fracturing, Veining, Mineralization	Sample No.	From (M)	To (M)	Rec (M)	ASSAY VALUES (Analysed by.....)									
From (M)	To (M)										Sn	Cu	Ag	Pb	Zn	W				
108.4	116.0	4.1			QUARTZITE Minor black shale bands	Quartz siderite veining Bedding 45° Core loss 2.5m 111.4m - 114.4m Core loss 1.0m 108.4m - 111.4m	869 860 861 862 863	108.4 110.3 111.4 114.4	110.3 111.4 114.4 116.0	0.9 1.0 0.6 1.6	10 20 310 14	18 16 10 12	1 3 1 1	25 35 90 130	20 26 60 80	10 10 110 110				
116.0	118.0	2.0			BLACK SHALE	Siderite quartz veins up to 10 cm wide Bedding variable	864 865	116.0 117.6	117.6 118.0	1.6 0.4	12 26	18 28	1 1	50 35	46 150	<10 <10				
118.0	118.6	0.6			SIDERITE QUARTZ VEIN WITH PYRITE AND CASSITERITE MIN.	Visible cassiterite mineralisation	866	118.0	118.6	0.6	650	1600	55	680	1400	45				
118.6	129.0	10.4			QUARTZITE Minor grey shale bands	Quartz siderite pyrite veining throughout veins average 1cm thick Minor galena in siderite veins - rock has appearance of <u>fault zone</u> Minor angular fragments of black shale in quartzite Bedding av. 0°	867 868	118.6 120.6	120.6 122.6	2.0 2.0	36 60	30 36	4 14	1000 550	75 140	10 10				

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C.R.A. EXPLORATION PTY. LIMITED
DRILL CORE LOG

SHEET No. 54

TENEMENT NAME DONAH No.

PLAN - MAP REFERENCE

CO-ORDINATES..... AZIMUTH..... DRILLERS..... COMMENCED..... DEPTH..... HOLE No. DD 80 QC 5

RL COLLAR..... INCLINATION..... DRILL TYPE..... COMPLETED..... CASING LEFT..... DPO No(s).....

DEPTH		Core Rec. (M)	Core Size	Graphic Log	CORE DESCRIPTION	SPECIAL FEATURES Weath, Alteration, Fracturing, Veining, Mineralization	Sample No.	From (M)	To (M)	Rec (M)	ASSAY VALUES (Analysed by.....)																							
From (M)	To (M)										Sn	Cu	Ag	Pb	Zn	W																		
						Minor pyrite and disseminated black mineral 128.0 - 129.0m	869 869	128.0	129.0	1.0	6	12	<1	40	38	<10																		
129.0	148.0	19.0			INTERBEDDED BLACK SHALES AND QUARTZITES Minor grey shale interbeds	Thinly laminated - cross bedding + ripple marks common Qtz siderite veinlets throughout Bedding parallel to core axis																												
						Pyrite + cpy in qtz siderite vein @ 135.5m	870	135.0	136.0	1.0	290	300	9	1100	70	25																		
148.0	151.0	3.0			MICACEOUS QUARTZITE	Quartz siderite veinlets throughout Bedding 10°																												
E.O.H.																																		
<u>SURVEYS</u>																																		
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">DEPTH</th> <th style="width: 40%;">AZIMUTH</th> <th style="width: 30%;">DIP</th> </tr> </thead> <tbody> <tr> <td>0.0m</td> <td>315°</td> <td>-45°</td> </tr> <tr> <td>50.0m</td> <td>-</td> <td>-46½°</td> </tr> <tr> <td>90.0m</td> <td>313°</td> <td>-46½°</td> </tr> <tr> <td>120.0m</td> <td>312°</td> <td>-46°</td> </tr> </tbody> </table>																				DEPTH	AZIMUTH	DIP	0.0m	315°	-45°	50.0m	-	-46½°	90.0m	313°	-46½°	120.0m	312°	-46°
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