

831036

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

SHEET No. 1

TENEMENT NAME ORNAH No.

PLAN - MAP REFERENCE.....

5362330N
CO-ORDINATES 359920E AZIMUTH 348.7146 (True N)DRILLERS DK PARRY COMMENCED 26.5.81DEPTH 126 HOLE No. DD810C6RL COLLAR..... INCLINATION -50° DRILL TYPE BOYLES 37 COMPLETED 5.6.81CASING LEFT..... DPO No(s) 30154
30155

135

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 <u>ANITA D.S.S.</u>)								
From (M)	To (M)										Sn	W	Ca	Pb	Zn	Ag	Mn		
3	42	28.7	NQ	V	BASIC - INTERMEDIATE VOLCANICS		931601	3	6	1	15	-	50	825	275	5.0	-		
				V	VESICULAR TEXTURE		602	6	7	.8	5	-	75	675	500	2.5	-		
				V			603	7	8	.9	6	-	75	175	275	-	-		
				V			604	8	9	.8	3	-	75	25	200	-	-		
				V			605	9	10	.7	8	-	75	375	525	-	-		
				V			606	10	11	.7	6	-	75	200	300	2.5	-		
				V			607	11	12	.7	6	10	75	-	275	-	-		
				V			608	12	13	.6	-	10	75	75	325	2.5	-		
				V			609	13	14	.6	6	10	50	50	325	-	-		
				V			610	14	15	.6	5	15	75	25	250	2.5	-		
				V			611	15	16	.7	6	10	50	-	200	-	-		
				V			612	16	17	.7	3	-	75	50	250	2.5	-		
				V			613	17	18	.7	6	-	75	50	425	-	-		
				V			614	18	19	.5	-	-	50	-	300	-	-		
				V			615	19	20	.5	6	-	50	25	225	-	-		
				V			616	20	21	.5	230	15	50	950	1350	5.0	-		
				V			617	21	22	.9	5	-	50	-	175	2.5	-		
				V			618	22	23	.9	-	-	50	-	175	2.5	-		
				V			619	23	24	.9	25	-	50	325	650	2.5	-		
				V			620	24	25	.8	5	15	50	-	150	-	-		
				V			621	25	26	.8	7	15	50	-	200	2.5	-		
				V			622	26	27	.8	-	-	50	25	150	2.5	-		
				V			623	27	28	.9	5	15	50	-	150	2.5	-		
				V			624	28	29	.9	8	15	50	50	125	-	-		
				V			625	29	30	.9	7	-	50	25	175	-	-		
				V			626	30	31	.9	35	10	50	300	425	5.0	-		
				V			627	31	32	.9	6	-	50	25	150	2.5	-		
				V			628	32	33	.9	4	-	50	-	125	2.5	-		
				V			629	33	34	1	8	-	75	-	150	-	-		
				V			630	34	35	1	-	10	50	-	150	2.5	-		
				V			631	35	36	1	7	15	25	25	125	2.5	-		

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

SHEET No. 2

136

TENEMENT NAME DONAH No.

PLAN - MAP REFERENCE

5362330 N
 CO-ORDINATES 352920 E AZIMUTH 348° MAG (True N) DRILLERS D.K. PERRY COMMENCED 26.5.81 DEPTH 126 HOLE No. DP810C6
 RL COLLAR INCLINATION 50° DRILL TYPE Berles 37 COMPLETED 5.6.81 CASING LEFT DPO No(s) 30154
 30155

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 ANALABS)								
From (M)	To (M)										Sn	W	Cu	Pb	Zn	Ag	Mo		
			NQ	v			931632	36	37	.9	7	10	50	25	225	25	-		
				v			633	37	38	.9	-	10	50	-	225	25	-		
				v			634	38	39	.9	6	-	50	25	250	25	-		
				v			635	39	40	.6	-	-	50	-	225	25	-		
				v			636	40	41	.6	-	15	50	50	300	25	-		
				v			637	41	42	.6	4	20	50	-	125	25	-		
42	45.7	31		o	VOLCANIC BRECCIA		638	42	43	.8	8	15	50	25	125	50	-		
				o			639	43	44	.8	7	-	50	-	100	25	-		
				o			640	44	45	.8	6	10	50	-	100	25	-		
				o			641	45	45.7	.7	6	-	75	50	175	-	-		
57	46.5	13		hatched	BLACK SHALE		642	45.7	46.5	.8	7	-	75	1025	75	25	-		
				hatched			643	46.5	47.3	.5	4	-	50	75	25	25	-		
65	56.5	10		hatched	GREY SHALE	Brecciated in part Minor quartz veins and oozes	644	47.3	48.8	1.4	8	-	75	775	50	25	-		
				hatched		Narrow blue shale 47.2-47.3	645	48.8	49.2	.4	5	-	50	100	100	25	-		
				hatched		47.3-56.5 well bedded, brecciated	646	49.2	49.2	.7	4	-	50	125	75	25	-		
				hatched		Pyrite 48.8-49.2, 49.9-50.7	647	49.9	50.7	.9	3	-	75	150	75	50	-		
				hatched		at 57m bedding 70° to axis	648	50.7	51.5	.9	7	-	25	300	175	25	-		
				hatched		59-60m " 70° " "	649	51.5	52.5	1	4	-	50	350	350	25	-		
				hatched			650	52.5	53.5	1.1	7	-	50	475	725	50	-		
				hatched			651	53.5	54.5	1.1	10	-	50	-	100	50	-		
				hatched			652	54.5	55.5	1.1	7	-	75	100	150	50	-		
				hatched			653	55.5	56.5	.9	6	-	75	75	125	25	-		
56.5	78.5	209		hatched	BLACK SHALE	56.5-57.6 Pyrite, carbonaceous	654	56.5	57.6	1.5	3	-	50	200	100	50	-		
				hatched		57.6-78.5 Well bedded.	655	57.6	58.5	.8	6	-	25	75	50	50	-		
				hatched		Pyrite in bedding with some cross-cutting veins	656	58.5	59.5	1	3	-	50	100	75	75	-		
				hatched		Thin quartz in veins, oozes	657	59.5	60.5	.9	7	-	50	250	200	50	-		
				hatched		at 61.3-62.2 bedding parallel to axis	658	60.5	61.5	1	7	-	50	275	325	50	-		
				hatched		63-66 folding variable	659	61.5	62.5	1	4	-	50	425	775	50	-		
				hatched		" 67-74 bedding 90° to axis	660	62.5	63.5	1.2	5	-	50	175	650	25	-		
				hatched		" 78m " 70° " "	661	63.5	64.5	1	-	-	25	25	150	25	-		
				hatched			662	64.5	65.5	1	4	-	50	100	100	25	-		

831038

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

SHEET No. 337
No.

TENEMENT NAME DOONAH PLAN - MAP REFERENCE.....

CO-ORDINATES 5362330 N 359920 E AZIMUTH 348° (True N) DRILLERS D.K. PARRY COMMENCED 26-5-81 DEPTH 126m HOLE No. DD9106
RL COLLAR..... INCLINATION 50° DRILL TYPE BORES 37 COMPLETED 5-6-81 CASING LEFT..... DPO No(s) 30154
30155

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 <u>ANAL LABS</u>)						
From (M)	To (M)										Sn	W	Cu	Pb	Zn	Ag	Mo
			4R				931663	65.5	66.5	1	-	-	25	100	75	-	-
							664	66.5	67.5	1	3	-	50	100	50	-	-
							665	67.5	68.5	1	5	-	50	100	75	-	-
							666	68.5	69.5	1	5	-	50	100	100	-	-
							667	69.5	70.5	6	60	-	50	100	100	-	-
							668	70.5	71.5	7	4	-	50	125	75	-	-
							669	71.5	72.5	9	6	-	75	-	50	25	-
							670	72.5	73.5	11	-	-	75	50	75	-	-
							671	73.5	74.5	11	-	-	50	-	75	-	-
							672	74.5	75.5	1	6	10	50	50	75	-	-
							673	75.5	76.5	14	5	-	50	25	50	-	-
						At 78m bedding 70° to a min	674	76.5	77.5	8	7	-	50	50	75	-	-
							675	77.5	78.5	9	-	10	50	-	75	-	-
78.5	84.9	6.1			QUARTZITE	Brecciated, silicified Abundant vein quartz Some pyrite	676	78.5	79.5	1	4	-	50	50	75	-	-
							677	79.5	80.5	11	6	-	25	-	50	-	-
							678	80.5	81.5	1	9	-	25	-	50	-	-
							679	81.5	82.5	8	8	-	25	25	50	-	-
							680	82.5	83.5	9	7	-	25	25	350	-	-
							681	83.5	84.9	13	6	-	50	25	125	-	-
84.9	93.1	8.1			BLACK SHALE	Abundant quartz veins to 87 Pyrite At 86.5m bedding 70° to veins 88-88.5 " 10° " " 91 " 50° " " 92 " 60° " "	682	84.9	86	11	5	-	50	50	75	-	-
							683	86	87	1	4	-	50	50	100	-	-
							684	87	88	1	3	-	50	-	200	-	-
							685	88	89	1	8	-	50	50	200	-	-
							686	89	90	11	8	10	50	25	350	-	-
							687	90	91	9	9	-	50	75	50	-	-
							688	91	92	9	5	-	50	25	25	-	-
							689	92	93.1	11	8	-	50	75	50	-	-
93.1	97.5	3.6			QUARTZITE	Some quartz veining	690	93.1	94	7	9	-	25	-	25	25	-
							691	94	95	9	4	-	25	50	50	25	-
							692	95	96	9	5	10	25	150	25	-	-
							693	96	97.5	11	4	-	25	-	25	-	-

831039

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

SHEET No. 4

038

TENEMENT NAME ODNAN No.

PLAN - MAP REFERENCE.....

CO-ORDINATES 5362330N 152920E AZIMUTH 348° MAG (True N) DRILLERS D.K. HARRY COMMENCED 26-5-81 DEPTH 126m HOLE No DD810C 6

RL COLLAR..... INCLINATION -50° DRILL TYPE BOYLE 37 COMPLETED 5-6-81 CASING LEFT..... DPO No(s) 30154 32155

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 <u>ANALABS</u>)								
From (M)	To (M)										Sn	W	Cu	Pb	Zn	Ag	Mo		
17.5	104.8	7.0	NQ		BLACK SHALE	Quartz veins to 99 Pyrite and brecciated 99-100 At 99m bedding 35° to axis " 102m " 40° " " 103-104 variable folding	931694 695 696 697 698 699 700	97.5 98.5 99.5 100.5 101.5 102.5 103.5 104.8	98.5 99.5 100.5 101.5 102.5 103.5 104.8	.9 .9 1 .9 .9 .9 1.5	10 - 3 - 10 - - 6	- - - - - - -	75 50 50 50 75 50 50 50	250 100 700 125 2400 125 50 50	150 150 75 150 125 100 - -	7.5 2.5 5.0 2.5 7.5 2.5 - 2.5	- - - - - - - -		
104.8	111.5	6.5		..	QUARTZITE	Massive, micaceous shale partings. Fine quartz veins	G 701	104.8	108	3.4	-	35	100	25	100	-	-		
111.5	115.5	4.0			BLACK SHALE	Pyrite. Brecciated in part	G 702 703 704 705 706 707	108 111.4 111.8 112.2 113.3 114.5	111.4 111.8 112.2 113.3 114.5	.4 .4 .4 1.1 1.1 1	- - - - - 3	20 50 50 75 25 50	50 125 125 375 25 25	100 125 25 50 25 25	- 2.5 - 2.5 2.5 2.5	- - - - - -			
115.5	123.3	7.8		..	QUARTZITE		G 708 709	115.5 119	119 123.3	3.6 4.4	- 8	35 20	100 50	- 50	50 50	2.5 2.5	- -		
123.3	123.5	0.2			BLACK SHALE		710	123.3	124	.6	5	15	50	200	150	2.5	-		
123.5	123.8	0.2		..	QUARTZITE	At 124m bedding 65° to axis	711	124	125	.8	5	-	50	-	25	2.5	-		
123.8	125.5	1.8			GREY SHALE	" 125 " 80°	712	125	126	.8	3	-	25	25	75	-	-		
125.5	126	0.2		..	QUARTZITE	Brecciated													
					126.0m	END OF HOLE													
					87% CORE RECOVERY	G = GRIND CORE													