

831056

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

SHEET No. 1

TENEMENT NAME DOONAH No.

PLAN - MAP REFERENCE.....

CO-ORDINATES 5362522N 360213E AZIMUTH 327° TRUE (315° MAG) DRILLERS DK PARRY COMMENCED 29-8-81 DEPTH 208.5 HOLE No. DD81.0C.12

RL COLLAR 241.9m INCLINATION -55° DRILL TYPE BRYLE 37 COMPLETED 9-9-81 CASING LEFT..... DPO No(s) 30165-

355

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>Adelaide</u>)									
From (M)	To (M)										Sn	W	Cu	Pb	Zn	Ag				
0	12.0		NQ		TRICKNE															
12.0	62.3				VOLCANICS - mainly pyroclastics, vesicular lava + volcanic breccia	Weathered brown clay to 24.0 24-24.6 Silicified mineralized zone - galena + pyrite 30.1-32.8 Silicified pyrite zone 46.5-46.7 Quartz - carbonate pyrite - galena mineralization	974121 122 123 124 125 126 127 128	12.0 18.0 24.0 24.6 30.1 32.8 36.0 42.0	18.0 24.0 24.6 30.1 32.8 36.0 42.0 46.5	3.8 3.2 0.5 3.2 1.3 3.2 3.3 3.4	34 35 484 309 4200 1320 54 1090	- - - 15 10 15 15 -	90 70 1950 8300 80 35 50 60	980 158 828 8300 980 475 840 1000	205 140 2650 680 185 340 420 275	12.5 130 235 40 3.0 1.5 2.0 3.5				
2.3	66.6		570 BQ		GREY SHALE	Abundant carbonate, some quartz veining. Some pyrite Quartz pyrite section 64.4-64.5	129 130 131	46.5 46.7 51.0	46.7 51.0 54.0	0.2 4.3 3.0	32 161 15	- - -	1650 50 40	7350 540 70	188 385 180	205 1.5 -				
46.8	67.6				QUARTZITE	Brecciated. Abundant pyrite + quartz	132 133 134 135 136 137	54.0 57.0 60.0 62.3 64.5 66.8	57.0 60.0 62.3 64.5 66.8 67.8	2.8 2.8 2.7 2.2 2.7 1.0	20 10 10 2850 560 6750	- - - - - -	50 75 50 115 380 15	100 485 40 132 115 10	215 715 200 300 266 20	- 1.0 - 21.5 3.5 1.0				
72.6	70.2				VOLCANICS	Minor grey shale Quartz - carbonate - pyrite mineralization	138 139	67.8 69.0	69.0 70.2	1.2 1.2	4300 1020	15 30	1550 4750	890 1600	70 105	75.0 15.5				
70.2	73.4				QUARTZITE	Minor grey shale Strong quartz - pyrite mineralization to 71.3	140 141 142	70.2 71.0 73.4	71.0 73.4 76.5	1.0 1.3 3.1	3850 450 290	- 15 -	2150 55 60	620 60 90	90 30 20	100 4.0 3.5				
73.4	104.6				QUARTZITE / GREY SHALE	Quartz - carbonate - pyrite veining.	143 144	76.5 79.5	79.5 82.5	3.3 2.8	870 1350	10 45	55 70	185 50	25 40	4.5 3.0				
104.8	105.3				QUARTZITE		145 146 147 148 149 150	82.5 85.5 88.5 91.5 94.5 97.5	85.5 88.5 91.5 94.5 97.5 100.5	3.3 3.0 2.7 2.9 2.2 3.0	600 200 150 430 140 35	50 35 30 20 -	95 95 85 90 50 55	70 60 75 50 30 60	85 65 25 30 30 45	2.5 4.5 5.5 5.0 2.0 4.0				

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

SHEET No. 37

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

PLAN - MAP REFERENCE.....

CO-ORDINATES..... AZIMUTH..... DRILLERS..... COMMENCED..... DEPTH..... HOLE No. D.P. 91 OC 12

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)										S _n	W	Cu	Pb	Zn	Ag			
179.8	181.0				QUARTZITE	Abundant quartz veins some pyrite	974177	179.8	181.0	1.2	1850	260	430	-	365	1.0			
							178	181.0	185.3	4.3	1700	60	160	-	160	1.0			
181.0	185.3				GREY SHALE (Minor quartzite)	Quartz veining. Some pyrite	179	185.3	186.2	1.0	1600	260	400	-	360	-			
185.3	186.2				QUARTZITE	Some pyrite. Quartz veins	180	186.2	189.7	3.2	1650	65	180	20	160	0.5			
186.2	189.4				GREY SHALE	Abundant pyrite, quartz veins	181	189.7	192.2	2.5	1250	45	105	-	105	0.5			
							182	192.2	193.8	1.7	3150	240	410	130	390	2.0			
189.4	189.7				QUARTZITE	Abundant pyrite, quartz veins	183	193.8	195.1	1.2	8750	140	240	5	220	1.0			
							184	195.1	197.5	2.6	2500	70	150	45	180	0.5			
189.7	192.2				GREY SHALE (Minor volcanics)	Pyrite. Quartz veins													
192.2	193.8				QUARTZITE	Pyrite. Quartz veins													
193.8	195.1				GREY SHALE	Pyrite. Quartz veins													
195.1	197.5				QUARTZITE (Minor black shale)	Pyrite. Quartz, carbonate veins													
197.5	200.4				BLACK SHALE	Brecciated with abundant pyrite quartzite fragments	cut 185	197.5	198.5	0.9	1800	-	30	35	20	2.0			
							cut 186	198.5	199.5	0.9	3650	-	35	65	25	2.5			
							cut 187	199.5	200.5	0.9	2450	-	40	50	20	2.0			
							cut 188	200.5	202.1	1.5	1200	60	35	60	25	2.5			
200.4	200.6				QUARTZITE	Pyrite-carbonate vein	cut 189	202.1	204.5	1.4	4000	10	35	95	40	2.0			
200.6	204.5				BLACK SHALE	Brecciated, pyrite quartzite fragments to 200.9, and from 202.1 to 204.5	cut 190	204.5	208.5	1.6	660	80	140	125	150	3.5			
204.5	205.6				GREY SHALE	Minor quartz veins, pyrite													
205.6	208.5	0.2			QUARTZITE	Minor quartz veins, pyrite Core loss.													
						End of Hole 208.5 m. REPEAT ASSAYS BY AB/3	974121							50	1.01%	200	17		
							122							50	1.40%	125	14		
							123							1825	8.76%	1475	335		
							124							25	8850	700	6		
							129							1575	7.66%	1750	245		

Ground Core

Split Core

Sample No.	From (M)	To (M)	Rec (M)	ASSAY VALUES							Sample No.	From (M)	To (M)	Rec (M)	ASSAY VALUES							CORE DESCRIPTION
				Sn	W	Cu	Pb	Zn	Ag													
DD 81	00	12																				
174121	12.0	18.0					9900														Volcanics	
174122	18.0	24.0					1.5%														"	
174123											174123	24.0	24.6	484	-	1950	8.2%	2650	235		"	Pg-galena, Silicified
174124	24.6	30.1					8300				174125	30.1	32.8	4200	10	80	980	185	3.0		"	
174126	32.8	36.0	1320								174471	32.8	33.9	3150	-	35	510	120	-		"	
											174472	33.9	35.0	480	-	10	460	450	2.0		"	
											174473	35.0	36.0	2000	10	15	380	345	0.5		"	
174128	42.0	46.5	1090				1000				174561	42.0	43.5	15	-	45	55	120	0.5		"	
											174562	43.5	45.0	30	20	60	1300	265	2.5		"	
											174563	45.0	46.5	250	10	55	1500	305	5.0		"	
174135	62.3	64.5	2850				1300				174129	46.5	46.7	32	-	1650	7.35%	1800	205		"	Pg-galena in qz. side
											174474	62.3	63.4	45	-	15	505	485	2.0		"	Gray shale
174136	64.5	66.8	560								174475	63.4	64.5	2700	-	245	1650	82	82.0		"	
											174564	64.5	65.7	300	-	515	175	175	4.5		"	
											174565	65.7	66.8	560	-	20	30	30	1.0		"	
											174137	66.8	67.8	6750	-	15	10	20	1.0		"	Quartzite. Pg-qz.
											174138	67.8	69.0	4300	15	1550	890	70	75		"	Volcanics. qz-siderite vein
											174139	69.0	70.2	10%	30	4750	1600	105	155		"	
174141	71.0	73.4	450								174140	70.2	71.0	3850	-	2150	620	80	100		"	Quartzite. Pg-qz veins
174142	73.4	76.5	290								174566	71.0	73.4	410	-	35	50	10	3.0		"	
											174567	73.4	75.0	55	-	50	65	10	3.0		"	Quartzite/gray shale, qz-sid
174143	76.5	79.5	870								174568	75.0	76.5	1500	-	50	90	15	3.0		"	
											174569	76.5	77.5	340	-	40	70	10	3.0		"	
											174570	77.5	78.5	3700	-	50	430	15	4.0		"	
											174571	78.5	79.5	490	-	35	260	20	3.5		"	
174144	79.5	82.5	1350								174476	79.5	80.5	130	-	35	55	10	2.5		"	
											174477	80.5	81.5	780	-	20	35	10	1.5		"	
											174478	81.5	82.5	3950	-	20	25	20	1.5		"	

