071 796072

DRILL CORE LOG

TENEMENT NAME SPECIMEN ... No. ...
PLAN – MAP REFERENCE ...

CO-ORDINATES 9585N 10,060E AZIMUTH 260°M DRILLERS K. PARRY COMMENCED ... DEPTH 210.5 HOLE No. [illegible] 862

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

DEPTH To(M)	Term. Low Angle	S_0	S_1	Graphic Log	CORE DESCRIPTION	SPECIAL FEATURES Weath, Alteration, Fracturing, Veining, Mineralization	Sample No.	From (M)	To (M)	Rec (M)	Sn	W	Cu	Pb	Zn	Ag	Bi	Mo	As
		55	30°		Incipient cleavage offsets bedding	(31.9) Quartz, pyrite, chalcopyrite,	277914	30	31		45	770	680	55	150	1.5	76	3.5	270
					33.1m KR 61-59	arsenopyrite, wolframite vein 1cm thick	913	31	32		170	1100	2260	70	75	2.0	100	3.0	1.8
						20° LCA	912	32	33		300	2900	1850	100	60	3.0	180	5.0	1.5
35					Grey white v.f.g. quartz with minor		911	33	34		30	160	355	65	25	1.0	151	5.0	450
					pyrite.		910	34	35		25	15	165	5	30	-	5	5.0	200
38					Grey to black finely laminated silicified	(35.1) Quartz pyrite vein 2cm thick	909	35	36		40	140	495	45	45	-	130	5.5	250
					siltstone. Disseminated pyrite along bedding	90° LCA	908	36	37		70	710	635	110	40	1.5	175	5.0	9600
					planes. KR 61-60	(36.4) Quartz, pyrite, arsenopyrite	907	37	38		40	45	150	10	45	-	14	6.5	150
40					Broken grey white quartzite	wolframite. 1cm thick 20° LCA	906	38	39		45	970	455	90	50	0.5	110	6.0	1600
							905	39	40		110	70	380	70	35	-	44	4.5	300
51.1					Gradational contact with dark	(40) 3 Quartz, pyrite, arsenopyrite	904	40	41		190	3300	780	70	35	1.0	200	5.0	3400
					grey finely laminated silicified	wolframite veins. Interlock. Range	903	41	42		400	2400	835	25	30	-	115	3.0	200
					siltstone. Some sandy layers	from 5m - 2cm. Extend 30cm sub	902	42	43		500	710	1350	50	45	-	210	3.0	150
		50°	25°		give grading. Disseminated pyrite	parallel to LCA.	901	43	44		190	1500	1200	30	105	-			
					throughout showing dendritic patterns	(41.2) Broken quartz, wolframite vein	900	44	45		95	380	940	35	95	-	230	5.0	1150
					At 47-47.2 disseminated sulphide	2cm thick	899	45	46		100	140	645	5	30	-	75	2.0	2300
					approaches 30%.	(41.5) Broken quartz, wolframite vein	898	46	47		200	380	1500	20	35	0.5	115	3.0	250
					The siltstone becomes banded towards	1cm thick	897	47	48		130	130	385	20	25	-	34	3.0	700
					the base of this interval.	(42) Quartz, pyrite, wolframite vein	896	48	49		600	3300	630	100	50	1.5	168	5.5	2.3
						6mm thick 25° LCA	895	49	50		140	400	510	70	45	1.0	105	4.0	1.1
						(42-43) Quartz vein with pyrite	894	50	51		140	90	575	20	80	-	21	1.5	1450
55.2					Broken and finely brecciated	chalcopyrite, arsenopyrite, wolframite.	893	51	52		150	160	700	50	190	1.0	93	1.0	550
					siltstone. Probable shear zone	(43.2) Quartz, pyrite, chalcopyrite	892	52	53		120	80	890	-	15	-	25	1.0	400
					Some broken quartz, pyrite, wolframite	arsenopyrite, wolframite vein, 2cm thick	891	53	54		130	80	410	-	110	-	17	1.0	450
					veins	30° LCA.	890	54	55		110	190	510	25	95	0.5	32	1.5	400
					Grey finely laminated to bedded	(44.1) as above 45° LCA.	889	55	56		85	10	370	10	135	0.5	31	1.5	650
					siltstone. Minor deformed dikelets	(45) Quartz, pyrite, wolframite vein	888	56	57		110	90	430	15	105	-	19	1.0	600
					Versatile tourmalinization. Cleavage	2cm thick 20° LCA.	887	57	58		95	1300	1500	150	135	4.5	200	4.0	400
		70			offsetting laminae and dikelets	(48.2) Quartz, pyrite, arsenopyrite	886	58	59		70	190	985	100	135	2.5	116	1.5	500
						siderite vein 1cm thick 22° LCA	885	59	60		100	95	410	35	50	0.5	24	1.0	400

072

796073

DRILL CORE LOG

TENEMENT NAME: Specimen (BALFOUR) — SHEET No. ....

PLAN – MAP REFERENCE ....

COORDINATES: 9585N 10,060E — AZIMUTH: 260°M — DRILLERS: K. PARRY — COMMENCED: 17/1/81 — DEPTH: 210.5 — HOLE No. [illegible] AC2

RL COLLAR: .... — INCLINATION: 45° — DRILL TYPE: Boyles — COMPLETED: 31/1/81 — CASING LEFT: .... — DPO No(s): ....

Depth Total (M)	Core Description	Special Features (Weath, Alteration, Fracturing, Veining, Mineralization)	Sample No.	From (M)	To (M)	Rec (M)	Sn	W	Cu	Pb	Zn	Ag	Bi	Mo	A
2.3	Cuttings. Weathered quartzite		877939	0	2.3		60	-	10	-	15	0.5	-	3.5	-
6	Strongly leached white f.g. silicified	Cavities after wolframite? and	938	2.3	4		100	-	10	-	5	0.5	-	50	-
	quartzite or quartz vein. Thin sweated	sulphides													
	quartz veinlets cross cut core. Core		937	4	6		190	15	50	-	5	-	-	2.5	-
	is very broken														
11.5	Grey brown finely laminated banded	Minor FeO staining with yellowy	936	6	8		190	85	150	-	5	-	10	2.5	50
	tourmalinized siltstone. Chocolate brown	oxide after arsenopyrite													
	where maximum tourmalinization occurs		935	8	9		170	65	90	-	15	-	-	2.0	-
			934	9	10		350	110	315	20	15	0.5	28	2.0	130
			933	10	11		160	110	690	5	20	1.0	67	2.0	200
13.3	White to pale grey quartz vein	(13.3) Late stage vein containing	932	11	12		60	45	365	-	15	-	35	3.5	40
	Massive and broken in part. FeO staining	pyrite, arsenopyrite 1cm thick	931	12	14		35	220	75	25	10	0.5	33	5.0	550
	along fractures. From 15m–16m very	30° LCA													
	brecciated with a network of fine quartz		930	14	15		95	130	15	30	10	-	10	5.0	100
	veinlets. Thin silty layers at basal		929	15	16		35	240	10	55	15	0.5	14	5.5	50
	contact.		928	16	17		-	420	10	5	15	1.0	4	3.5	-
			927	17	18.3		-	60	30	30	50	-	8	3.5	-
	Thinly laminated and banded weakly	Disseminated pyrite in pale sandy	926	18.3	19		160	130	925	5	70	-	169	2.5	1.05
	tourmalinitic siltstone. Alternating grey clay	layers	925	19	20		55	35	170	45	15	-	26	1.0	200
	rich layers 1mm–5cm with pale silty layers		924	20	21		170	390	565	20					750
	1mm–5cm thick.		923	21	22		55	150	275	10	15	0.5	58	2.0	460
25	Disrupted to brecciated intensely tourmalin-	Numerous thin quartz veinlets with pyrite	922	22	23		150	100	565	15	45	0.5	126	2.0	1.1%
	ised siltstone. Bedding difficult to define	arsenopyrite and minor wolframite usually	921	23	24		95	1900	780	50	30	1.0	193	3.0	1.9%
	SR-bxltl	20–30° to L.C.A.	920	24	25		85	270	570	25	45	0.5	91	3.0	1300
		(23.5) Quartz, pyrite, arsenopyrite	919	25	26		130	100	440	-	20	-	53	2.5	1400
		wolframite vein 1cm thick 30° LCA	918	26	27		140	70	290	-	40	-	32	1.5	100
		(26) Quartz, pyrite arsenopyrite vein	917	27	28		55	60	330	-	15	-	37	3.0	250
33	Thinly laminated banded siltstone	5mm thick 30° LCA following cleavage	916	28	29		80	50	350	-	20	0.5	45	2.5	250
	Bedding very disrupted in part	(28.9) Quartz, pyrite, arsenopyrite minor wolframite	915	29	30		110	340	470	25	25	0.5	66	2.5	1950

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796074

DRILL CORE LOG

SHEET No. .....

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

PLAN – MAP REFERENCE ..... DDH 72

CO-ORDINATES 9585N 10,000E AZIMUTH 260°M DRILLERS K. Parker COMMENCED ..... DEPTH 210.5m HOLE No. DDH 72

RL COLLAR ..... INCLINATION -45° DRILL TYPE Boyles COMPLETED ..... CASING LEFT ..... DPO No(s) .....

DEPTH To(M)	Tourm	S_o	S_1	Graphic Log	CORE DESCRIPTION	SPECIAL FEATURES Weath, Alteration, Fracturing, Veining, Mineralization	Sample No.	From (M)	To (M)	Rec (M)	ASSAY VALUES (Analysed by .....) Sn	W	Cu	Pb	Zn	Ag	Bi	Mo	As
						(58.9) Quartz, pyrite, arsenopyrite	877884	60	61		65	130	530	35	55	0.5			
63.2					Quartz vein or silicified quartzite	wolframite vein 1.5cm thick parallel	883	61	62		160	530	800	160	90	4			
					Numerous veinlets of pyrite, siderite, muscovite	to b.c.a	882	62	63		50	370	560	35	125	1			
78		45°			wolframite, Sulphides parallel to S_o or S_1	(50) Quartz, pyrite, arsenopyrite, chalco-	881	63	64		75	4650	860	260	100	7			
						pyrite 1cm thick parallel to b.c.a.	880	64	65		200	110	765	220	95	6			
					Thin light grey sandy siltstone	(57.8) Broken quartz, sulphide, wolframite	879	65	66		80	200	350	70	80	0.5			
					beds grading upwards to light	vein. High wolframite content	878	66	67		80	970	500	20	60	x			
					grey green siltstone. Laminae	(64.3) Thin quartz sulphide vein	877	67	68		85	790	710	20	140	x			
		60°	25°		often offset by microfaults/cleavage	(66.7) Broken quartz, pyrite, wolframite	876	68	69		100	120	425	x	45	x			
					Infilled dikelets. The grey sandy	vein	875	69	70		80	7900	540	15	80	x			
					bands contain disseminated	(69) Quartz, pyrite, wolframite vein	874	70	71		85	100	885	x	40	x			
					pyrite.	1cm large wolframite crystals, 20cm thick	873	71	72		75	1200	930	40	130	0.5			
		60°				(71.6) Broken quartz, pyrite, siderite	872	72	73		120	100	400	30	75	x			
					Cockade, more tourmalinized	wolframite vein 1cm thick (approx)	871	73	74		330	230	820	940	520	0.5			
					and silicified. Abundant disseminated	(76.5) Broken quartz, pyrite, arsenopyrite	870	74	75								39	1.9	100
					sulphide. Deadcute patterns follow		869	75	76		170	100	800	x	70	x	94	1	190
		77°	30°		bedding planes and cleavage		868	76	77		260	60	355	x	45	x	19	1	220
							867	77	78		130	40	295	x	60	x	20	0.5	250
81.5					Shear zone. Brecciated grey		866	78	79		200	40	300	2	70	x	20	x	150
					siltstone with pale sandy beds		865	79	80		150	340	665	15	195	x	90	0.5	300
					Disseminated sulphides		864	80	81		140	40	450	x	80	x	39	0.5	150
		145°	40°				863	81	82		210	230	375	2	145	x	33	1	350
99.7					Grey silicified siltstone with		862	82	83		310	40	350	x	300	x	22	1.5	50
					light grey sandier layers. Bedding		861	83	84		180	50	100	x	345	x	x	0.5	x
					laminae are irregular. Disseminated		860	84	85		190	20	115	x	140	x	7	1.5	950
					sulphides in sandier layers.		859	85	86		200	15	135	x	195	x	5	1.0	50
					At 84-86m a green white coloured		858	86	87		150	140	135	x	135	x	23	2.5	1600
					alteration mineral is obvious along		857	87	88		160	60	135	x	110	x	9	1	x
					bedding laminae and sandstone		856	88	89		120	190	330	x	85	x	14	3.0	500
					dikelets (SR 6663). Also appears		855	89	90		160	530	170	x	110	x	21	2.0	300

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796075

C.R.A. EXPLORATION PTY. LIMITED

DRILL CORE LOG

SHEET No. ....

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

PLAN – MAP REFERENCE 008 12

CO-ORDINATES 9525N 10,060E AZIMUTH 260° M DRILLERS K. PARRY COMMENCED .... DEPTH 210.5 m HOLE No. DDS1-...

RL COLLAR .... INCLINATION -45° DRILL TYPE Boyles COMPLETED .... CASING LEFT .... DPO No(s) ....

Depth From (M)	Depth To (M)	Tourm Intensity	S_0	S_1	Graphic Log	Core Description	Special Features (Weath, Alteration, Fracturing, Veining, Mineralization)	Sample No.	From (M)	To (M)	Rec (M)	Sn	W	Cu	Pb	Zn	Ag	Bi	Mo	A
						speckled throughout.	(91) Edge of vein 1.5cm thick	877854	90	91		380	4.10%	765	5	105	x	125	4.5	4
						Individual beds of siltstone are	Quartz, pyrite, wolframite, chalcopyrite	853	91	92		160	530	225	X	70	X	17	1.5	2
						10-30cm thick with light grey	muscovite.	852	92	93		120	190	1650	T	155	X	83	3.5	5
			90°	30°		sandier layers at the base of the	(Approx 92.5-92.7m) Cellular pyrite	851	93	94		85	340	660	15	105	X	71	4.0	4
						beds	chalcopyrite, quartz concentrated along	850	94	95		90	530	275	T	35	X	19	1.5	
						(94-98m) Typical "Pyjama Rock"	bedding laminae.	849	95	96		160	130	440	T	40	T	10	2.5	9
						characteristics. Sandstone dikelets	(96.6) Edge of quartz/pyrite/arseno	848	96	97		100	180	395	10	120	T	65	2.5	3
		//				graded bedding, small scale slumping	pyrite wolframite vein. Wolframite	847	97	98		120	100	320	T	315	X	41	2.0	6
		//				and oversteepened crosslamination	forms coarse crystals.	846	98	99		230	85	380	20	485	T	67	2.5	4
						Euhedra of pyrite in sandier layers	(98-99) Siltstone completely altered to	845	99	100		210	280	760	65	610	X	112	4	1
7	113.90		80°			Grey-black silicified siltstone	white alteration assemblage.	844	100	101		70	1300+	410	25	140	X	23	4.5	2
						Finely laminated to massive	Pyrite can be seen	843	101	102		150	110	515	10	435	T	69	2.0	1
						Individual beds 10-30cm with	Pyrite can be seen to be replacing	842	102	103		150	470	450	6	135	X	56	4.5	
			30°			light grey sandy layers at the	the sandy material in the deformed	841	103	104		170	500	580	5	55	T	57	2.0	
						base. Some distorted dikelets	dikelets	840	104	105		170	840	2800	10	90	2.5	235	2.0	
						Some intraformation disruption	104.4-104.8 Sericitic alteration	839	105	106		190	110	235	T	45	X	25	1.5	1
						Minor tourmaline rich laminae	of siltstone. Remnants of unaltered	877801	106	107		240	490+	630	X	130	X	52	6.5	
						102.4 KR 6413	siltstone remain.	802	107	108		160	30	65	T	110	X	1	2.6	
				70°			Pyrrhotite and trace pyrite disseminated	803	108	109		120	40	40	T	185	X	X	2.0	
							throughout	804	109	110		100	15	70	T	140	X	X	4.0	
							White alteration mineral disseminated	805	110	111		120	25	70	T	230	X	4	3.0	
							throughout. Concentrated between	806	111	112		130	35	20	X	325	X	X	2.5	
							111 - 112m	807	112	113		150	240	190	X	160	X	6	3.0	
		//				Brecciated grey black finely laminated	(114.35m) Quartz, pyrite, wolframite vein	808	113	114		80	20	125	X	65	X	1	2.5	
		//				siltstone. Tourmalinized	1cm thick	809	114	115		100	2250	1250	X	70	T	78	5.5	
							(117.1m) Quartz vein 3cm thick 90° to LCA	810	115	116		120	25	135	X	60	T	X	3.5	
		//				Intensely fractured tourmalinized	(117.8m) Quartz, pyrite 1cm thick 30° LCA	811	116	117		190	75	780	15	150	0.5	X	2.5	
		//				siltstone. Quartz and pyrite filling low		812	117	118		270	100	600	10	75	T	17	6.0	
.00	127.30					angle fractures		813	118	119		190	40	205	T	50	X	14	5.0	
								814	119	120		520	130	435	105	165	1.5	2	3.	
								815	120	121		120	230	310	30	40	0.5	175	3.5	

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C.R.A. EXPLORATION PTY. LIMITED

DRILL CORE LOG

SHEET No. ....

TENEMENT NAME Balfour Specimen H... No. ....

PLAN – MAP REFERENCE ....

CO-ORDINATES 9585N 10060E AZIMUTH 260° DRILLERS K. Penny COMMENCED .... DEPTH 210.50 HOLE No. DD812

RL COLLAR .... INCLINATION -45° DRILL TYPE Boyles COMPLETED .... CASING LEFT .... DPO No(s) ....

DEPTH From	DEPTH To (M)	Term	S_0	S_1	Graphic Log	CORE DESCRIPTION	SPECIAL FEATURES Weath, Alteration, Fracturing, Veining, Mineralization	Sample No.	From (M)	To (M)	Rec (M)	Sn	W	Cu	Pb	Zn	Ag	Bi	Mo	As
			15°	50°		Dark grey finely laminated to massive	[illegible]	877816	121	122		140	90	390	30	35	T	21	3.0	X
						siltstone Beds 10-30cm thick. Grading	At 121.9 Pyrite arsenopyrite vein 0.5cm	817	122	123		110	70	280	10	50	T	15	3.0	100
						Silicified. Brecciated and [illegible]	[sketch: S_0, Vein, S_1]	818	123	124		40	20	40	X	70	X	X	2	X
			60			in part. Microfractures throughout. Pyrite		819	124	135		75	30	150	X	45	X	X	3.5	20
						and pyrrhotite occur as blebs throughout.		820	125	126		85	50	100	X	30	X	X	3.0	X
			30°					821	126	127		40	X	20	X	80	X	X	2	X
	129.30		46°					822	127	128		50	10	35	X	85	X	1	3	X
						Finely laminated silicified siltstone	Orange and cream spotting	823	128	129		45	X	50	T	70	X	X	3.0	X
30	133.00					Brecciated zone. A broken silicified		824	129	130		20	X	140	X	135	X	5	2.5	20
						siltstone		825	130	131		170	30	215	T	75	X	8	2	30
								826	131	132		140	15	120	T	80	X	X	2	X
									132	133										
00	134.50					Silicified shale/quartz. Tourmaline along S_0	Blebs of pyrite and pyrrhotite	827	133	134		30	15	265	T	60	X	9	7.5	20
50	136.30					Very tourmalinized silicified rock. Brecciated		828	134	135		95	45	500	T	125	T	9	5.5	20
						with pyrite along fractures		829	135	136		100	95	1200	20	100	0.5	39	6.0	50
30	139.00					Brecciated chloritic silicified siltstone		830	136	137		85	20	330	T	50	X	8	3.0	30
								831	137	138		80	20	210	X	30	X	3	4.5	X
00	141.00							832	138	139		110	25	190	X	40	X	X	1.5	X
						Light grey silicified siltstone. Synsedimentary		833	139	140		70	20	105	X	35	T	X	2.5	X
						brecciation	141.6 Vein Quartz, arsenopyrite, wolframite	834	140	141		95	25	155	X	45	X	2	2	10[illegible]
00	143.00					Brecciated green grey siltstone	2cm thick 30° LCA	835	141	142		1150	1150	495	50	85	1.0	95	3.5	3.[illegible]
								836	142	143		80	35	475	80	55	1.0	105	2.5	7[illegible]
	146.90					Green grey to dark brown silicified siltstone	Pyrite and pyrrhotite blebs. Intense tourmalinisation	837	143	144		330	1160	435	15	205	T	29	2.5	98
						Laminae dimpled and displaced along	associated with vein at 144-145m 2.5cm thick	838	144	145		95	6500	605	155	210	2.5	235	4.5	4.[illegible]
						cleavage. Evidence of 'rolling' of siliceous sandy	<1m Parallel to LCA. Contains qtz, wolframite	877 940	145	146		95	X	410	20	100	X	12	39	[illegible]
						layers. Pyrite/pyrrhotite approximately	Tourmalinisation along some bedding laminae	941	146	147		100	710	400	20	105	1.0	43	16	36
						5%	149.7 Vein Quartz, pyrite, siderite, wolframite	942	147	148		80	45	215	X	55	X	11	5	5
							45° LCA 0.75cm thick	943	148	149		270	45	615	15	60	1.0	37	14	1[illegible]
							150.6 Vein Quartz, pyrite, siderite, chalcopyrite	944	149	150		90	170	255	30	50	X	44	8.5	40
							40° LCA	945	150	151		140	35	305	5	60	1.0	16	4.5	8[illegible]
		15						946	151	152		150	360	365	15	60	X	11	5.5	[illegible]

ASSAY VALUES (Analysed by Amdel)

076 796077

C.R.A. EXPLORATION PTY. LIMITED

DRILL CORE LOG

TENEMENT NAME Balfour / [illegible] — No. .... SHEET No. ....

PLAN – MAP REFERENCE ....

CO-ORDINATES 9585N 10010E   AZIMUTH 260°   DRILLERS K. Parry   COMMENCED ....   DEPTH 210.50   HOLE No. DD81 AB2 (DD82)

RL COLLAR ....   INCLINATION -45°   DRILL TYPE Boyles   COMPLETED ....   CASING LEFT ....   DPO No(s) ....

ASSAY VALUES (Analysed by Amdel)

Depth From (M)	Depth To (M)	S_0	S_1	Core Description	Special Features (Weath, Alteration, Fracturing, Veining, Mineralization)	Sample No.	From (M)	To (M)	Rec (M)	Sn	W	Cu	Pb	Zn	Ag	Bi	Mo	As
				As above. Laminae very disrupted	Good examples of pyrrhotite rimming	877 947	152	153	1	110	50	195	15	30	0.5	21	4	500
				Bedding displaced along cleavage planes.	pyrite. White alteration mineral associated	948	153	154	1	100	55	230	15	40	1	37	6.5	10[illegible]
				Pyrite/Pyrrhotite ≈ 5%	with pyrite TS 6616	949	154	155	1	95	110	160	X	40	X	6	4.0	55[illegible]
					153.4 Vein Quartz, py, arsenopyrite 2cm 35°LCA	950	155	156	1	65	X	125	X	45	1	3	3.5	X
					156.3 Vein Quartz, py, arsenopyrite 5/8cm		156	157	1									
					158.8 Vein Quartz, arsenopyrite, pyrite 40°LCA	951	157	158	1	80	100	205	5	75	X	10	5.5	20[illegible]
					20 cm thick. (sketch: S_0, Vein)	952	158	159	1	380	780	295	45	1400	0.5	38	5.5	930
						953	159	160	1	110	45	260	10	120	1	2	3.5	85[illegible]
160.90	161.40	50°				954	160	161	1	350	X	5900	145	1.2%	6.5	138	2.0	150[illegible]
161.40				Massive sulphide Pyrite arsenopyrite chalcopyrite siderite	162 <1cm Quartz, pyrite, siderite	955	161	162	1	110	40	320	15	65	0.5	19	3.0	60
				Fine grained dark grey/white banded finely laminated		956	162	163	1	95	320	445	90	65	1	60	2.0	385[illegible]
				siltstone. Laminae disrupted and in some		957	163	164.5	1	70	25	150	5	50	X	5	3.5	100
				cases rotated. Conspicuous lenticular blebs		958	164.5	167	1.5m	85	320	370	70	70	X	176	5.5	375[illegible]
				of pyrrhotite along bedding planes												118	3.5	1600
				of the clay rich layers. Bedding is disrupted	166 Vein Quartz, pyrite, arsenopyrite, wolframite 1cm													
				by early cleavage 70°LCA TS 6616	30°LCA (sketch)	959	167	168	1	80	75	565	55	111	X	119	3.5	16[illegible]
		50°			166.5 Quartz, arsenopyrite, pyrite 1cm	960	168	169	1	75	50	330	25	100	X	22	2.5	90[illegible]
		0°		Rapid change in bedding orientation.	167. Quartz, pyrite, siderite 1cm parallel to LCA.	961	169	170	1	45	X	85	10	90	0.5	1	1.5	X
					Extends 35cm	962	170	172	2	35	X	40	X	135	X	X	0.5	X
						963	172	173	1	30	X	30	X	150	1	X	1.5	X
		0°	70°			964	173	174	1	35	X	35	5	120	X	X	1	X
						965	174	175	1	30	X	15	X	100	0.5	1	0.5	X
						966	175	176	1	20	X	25	X	90	X	3	1	X
						967	176	177	1	40	X	25	X	80	1	X	0.5	X
						968	177	178	1	50	10	50	5	180	X			
						969	178	179	1	95	X	60	X	100	X			
						970	179	180	1	80	X	105	X	35	X			
						971	180	181	1	160	470	340	30	35	0.5			
					181.80 Quartz/pyrite/arsenopyrite/wolframite 20cm 45°LCA	972	181	182	1	160	55	245	25	35	0.5			

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C.R.A. EXPLORATION PTY. LIMITED

DRILL CORE LOG

SHEET No. .....

TENEMENT NAME Brown Hill No. .....

PLAN – MAP REFERENCE .....

CO-ORDINATES 9585N 10016E AZIMUTH 260°M DRILLERS K. Percy COMMENCED ..... DEPTH 210.50 HOLE No. DDH 84-2

RL COLLAR ..... INCLINATION -45° DRILL TYPE Boyles COMPLETED ..... CASING LEFT ..... DPO No(s) .....

DEPTH From (M)	DEPTH To (M)	Texture	S_a	S_1	Graphic Log	CORE DESCRIPTION	SPECIAL FEATURES Weath, Alteration, Fracturing, Veining, Mineralization	Sample No.	From (M)	To (M)	Rec (M)	ASSAY VALUES (Analysed by Amdel) Sn	W	Cu	Pb	Zn	Ag	Bi	Mo	As
						As above. Banded finely laminated siltstone, laminae irregular. Some scour and fill and sandstone clasts. Pyrite and pyrrhotite along bedding laminae. Graded bedding common.		970 974	183	184	1	110	X	115	5	80	0.5			
							185.5m Vein Quartz, pyrite, siderite, arsenopyrite wolframite. 1cm thick 45°	975	184	185	1	110	25	135	15	40	X			
								976	185	186	1	100	50	175	5	25	0.5			
								977	186	187	1	100	190	410	75	45	0.5			
							187.2 3 veinlets 40° LCA.	978	187	188	1	110	70	365	50	105	0.5			
							188.75 Vein quartz, pyrite, siderite 30° LCA.	979	188	189	1	140	60	370	25	375	0.5			
			0°	45°			188.90 Vein quartz, pyrite, arsenopyrite, wolframite	980	189	190	1	190	70	340	30	115	0.5			
			0°				189.40 Vein quartz, pyrite, siderite	981	190	191	1	240	75	330	15	60	0.5			
								982	191	192	1	210	50	340	15	75	0.5			
							192.80 Irregular quartz arsenopyrite vein 0.7cm.	983	192	193	1	150	1000*	350	25	120	0.5			
								984	193	194	1	200	90	410	15	105	0.5		1	
							194.60 Vein quartz, siderite arsenopyrite chalcopyrite 2cm thick.	985	194	195	1	140	900*	330	15	90	0.5			
								986	195	196	1	210	140	395	30	290	1			
			20°	40°			195.40 Vein quartz, siderite, arsenopyrite pyrite sphalerite. 30° LCA.	987	196	197	1	140	20	105	X	50	X			
								988	197	198	1	140	20	105	X	35	X			
								989	198	199	1	150	X	75	X	905	X			
								990	199	200	1	120	90	80	X	115	X			
								991	200	201	1	120	30	100	X	110	X			
								992	101	202	1	100	15	80	X	95	X			
								993	202	203	1	100	30	60	X	125	X			
			0°	30°			203.7 Vein quartz/pyrite, arsenopyrite, siderite minor wolframite 45° LCA. <1cm thick	994	203	204	1	100	15	100	5	195	X			
								995	204	205	1	150	150	775	90	125	0.5			
							204.1 Vein quartz, pyrite, arsenopyrite, siderite minor wolframite 90° to cleavage & flat lying.	996	205	206	1	120	200	350	30	53	0.5			
								997	206	207	1	110	X	65	X	105	X			
							204.5 Vein quartz, pyrite, siderite 0.5cm 30° LCA.	998	207	208	1	100	X	55	X	190	0.5			
							204.35 Vein quartz 40° LCA 2cm	999	208	209	1	85	290	195	25	35	0.5			
			0°				204.6 Vein pyrite, quartz siderite 30° LCA <1cm	838000	209	210.5	1.5	100	30	205	20	60	X			
						E.O.H. 210.5m	205.3 Vein quartz, pyrite, arsenopyrite, wolframite 5cm													
							208.9 Vein quartz, pyrite, siderite, chalcopyrite Minor wolframite 30°													