

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

SHEET No. 2/4

TENEMENT NAME RAZORBACK No.

PLAN - MAP REFERENCE.....

CO-ORDINATES..... AZIMUTH..... DRILLERS..... COMMENCED..... DEPTH..... HOLE No. RC 1

RL COLLAR..... INCLINATION..... DRILL TYPE..... COMPLETED..... CASING LEFT..... DPO No(s) 25845, 25850

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>APVEL</u>)										
From (M)	To (M)										Sn	W	Pb	Zn	Cu	Ag	Co	Ni	Cr	Ta	
						<i>Weak sedimentary banding @ 238m - 70°/kca</i>	795372*	220	223	3.00	<4	<10	<5	12	<2	<1	30	470	120		
						<i>20mm band po + magnetite @ 272.5m</i>	73*	237	240	3.00	32	<10	<5	28	<2	<1	35	450	200		
						<i>Disseminated po 276-286m</i>	74*	250	253	3.00	4	<10	<5	26	<2	<1	35	440	190		
						<i>Misc po, magnetite, + sphalerite @ 291.8m</i>	795375*	269	272	3.00	55	15	5	18	<2	<1	70	760	320		
							795336	272	273	1.00	48	<10	<5	12	45		70	1050	370		
							37	273	276	3.0	65	<10	10	20	20		55	960	270		
							38	276	278	2.0	12	<10	15	8	5		40	900	240		
						<i>Disseminated po 297-300m</i>	39	278	280	2.0	240	10	10	25	42		50	1100	280		
						<i>Disseminated pyrite + po 303-308m</i>	795340	280	283	3.0	460	<10	25	450	70		60	1300	270		
							41	283	286	3.0	740	<10	65	100	38		50	1150	320		
							795376*	286	290	4.0	70	10	140	540	16	<1	50	1000	380		
							795342	290	293	3.0	28	<10	30	160	15		55	980	260		
							43	293	295	2.0	28	<10	15	770	10		35	760	260		
							795377*	295	298	3.0	36	<10	5	20	<2	<1	45	770	250		
							795344	298	300	2.0	14	<10	5	15	5		40	710	240		
							795378*	300	303	3.0	14	<10	<5	20	2	<1	45	800	320		
							795345	303	306	3.0	70	<10	5	10	10		60	1050	140		
							46	306	308	2.0	18	<10	<5	12	28		45	730	210		
							795379*	308	314	6.0	6	<10	<5	16	2	<1	55	660	280		
							795347	314	316	2.0	24	<10	5	5	2		55	640	140		
							48	316	318	2.0	22	<10	5	5	18		60	840	150		
							49	318	320	2.0	6	<10	<5	5	130		50	740	140		
320	322.2	2.2	BQ		<u>TALC CARBONATE WITH STRINGERS AND VEINLETS OF PYRRHOTITE. Also chalcopyrite, magnetite and minor sphalerite.</u>	<i>Talc and quartz adjacent to mineralisation.</i>	795350	320	322.2	2.2	95	<10	20	18	260		45	810	200		
							51	322.2	322.5	0.3	400	<10	840	740	5300	48	180	1500	400	km	
							52	322.5	322.8	0.3	26	<10	20	50	45	<1	65	1300	200	cm	
							53	322.8	324.0	1.2	830	70	530	810	1670	75	70	1200	500	cm	
							54	324	325.4	1.4	170	<10	20	38	250	1	60	1600	640	km	

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

SHEET No. 3 of 4

TENEMENT NAME RAZORBACK No.

PLAN - MAP REFERENCE.....

CO-ORDINATES..... AZIMUTH..... DRILLERS..... COMMENCED..... DEPTH..... HOLE No. RC 1

RL COLLAR..... INCLINATION..... DRILL TYPE..... COMPLETED..... CASING LEFT..... DPD No(s) 25848, 25849, 25850

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... AMDEL...)										
From (M)	To (M)										Sn	W	Pb	Zn	Cu	Ag	Co	Ni	Cr	Ta	
322.2	322.5	0.3	BQ		MASSIVE PYRROTTITE Also arsenopyrite, chalcopyrite, magnetite and cassiterite. Quartz and talc-carbonate gangue. Upper contact 50°/LCA, lower contact 66°/LCA (irregular).	Core very magnetic. Fine alteration of talc-carbonate near contact with mineralization.	795355	325.4	325.7	0.3	500	65	150	520	1000	3	50	1800	620	40	
							56	325.7	326.6	0.9	150	15	110	210	230	2	50	1050	390	10	
							57	326.6	330.2	3.6	34	<10	5	22	45	<1	55	1400	310	10	
							58	330.2	331	0.8	440	15	80	140	630		30	1200	410		
							795380	331	331.3	0.3	1200	<10	1200	4100	1500	29	65	1100	780		
							795359	331.3	334	2.7	44	<10	10	45	15		35	1000	340		
							60	334	336	2	6	<10	<5	10	5		30	770	240		
322.5	322.8	0.3	BQ		TALC-CARBONATE	Thin disseminated po + magnetite	61	336	338	2	14	<10	<5	30	<2		35	680	610		
							62	338	340	2	<4	<10	<5	15	<2		40	700	420		
322.8	324	1.2	BQ		PYRROTTITE-CHALCOPYRITE-ARSENOPYRITE CASSITERITE, LOSE ZONE. Upper contact 65°/LCA. Lower contact 85°/LCA.	Sulphide approx 50%. Quartz gangue. Fine band of albite. Abundant wollastonite near contact with albite.	63	340	342	2	4	<10	<5	15	<2		40	710	430		
							64	342	345	3	4	<10	<5	15	<2		40	1000	290		
							65	345	345.9	0.9	2950	160	370	480	6000	55	130	1500	390	10	
							66	345.9	346.6	0.7	110	<10	40	70	8		50	220	50		
							67	346.6	348.35	1.75	22	15	30	90	12	1	45	90	70	10	
324	325.4	1.4	BQ		TALC-CARBONATE Small veinlets and patches of po. cp. mineralisation.	Quartz gangue associated with po + cp. Wollastonite along contact zones.	795368	348.35	352	3.65	12	<10	20	130	170	<1	35	140	90		
325.4	325.7	0.3	BQ		PYRROTTITE-CHALCOPYRITE LOSE WITH TALC-CARBONATE 55°/LCA.	Abundant quartz and wollastonite and magnetite.		322.80	324	1.20	1300	70	530	810	1.6%	75	70	1200	500		
								345	345.90	0.90	2950	160	370	480	6000	55	130	1500	390		
325.7	326.6	0.9	BQ		TALC-CARBONATE WITH PYRROTTITE- CHALCOPYRITE LOSE 326.4-326.6 mineralisation 55°/LCA.	Abundant quartz, wollastonite and magnetite.															
326.6	330.2	3.6	BQ		TALC-CARBONATE	Bands of magnetite 30°/LCA.															
330.2	331	0.8	BQ		TALC-CARBONATE WITH PO+CP VEINLETS	Abundant wollastonite.															
331	331.3	0.3	BQ		MASSIVE PO+CP WITH MAGNETITE-CASSITERITE	Abundant quartz + wollastonite. 45°/LCA															
331.3	345	13.7	BQ		TALC-CARBONATE, Lamination 45°/LCA.	Disseminated magnetite throughout.															

028

966023

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

SHEET No. 4/4

TENEMENT NAME RAZORBACK No. _____

PLAN - MAP REFERENCE _____

CO-ORDINATES _____ AZIMUTH _____ DRILLERS _____ COMMENCED _____ DEPTH _____ HOLE No. RC 1

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)										PPM												
											Sn	W	Pb	Zn	Cu	Ag							
345	345.9	0.9	BQ		MASSIVE PYRRHOTITE. Min. chalcopyrite and magnetite Sulphides banded in places.	Minor quartz + silicification gangue. Basal contact 25°/LCA. Upper contact 35°/LCA. Lineation in sulphides 25°/LCA.																	
345.9	346.6	0.7	BQ		CONGLOMERATE Subangular to rounded clasts of mudstone and basic volcanics.																		
346.6	348.2	1.6	BQ		BASIC VOLCANIC - Tuffaceous (?) in places.	Lower contact 25°/LCA. Core badly sheared and broken 347.9-348.2 shows 15-30°/LCA.																	
348.2	367.5	19.3	BQ		CONGLOMERATE Polyhercic - fragments of basic volcanics, mudstone, quartzite, chert, calc. carbonate and minor limestone. Matrix chloritic ± minor calcite. Clasts up to 50mm, subangular to rounded. Some pebbles coated with calcite. Some soft pebble structures with pebbles compacted and deformed.	Minor calcite veins. Bedding: 348.35m - 30°/LCA. 350m - 30°/LCA. 359.5m - 50°/LCA.																	
END OF HOLE																							
Possible camera surveys:							From	Azimuth	Dip														
						190m	269°	64° 30'															
						220m	249° 30'	66° 30'															
						250m	245° 45'	69°															
						280m	252° 30'	70° 30'															
						310m	248° 30'	71° 45'															
							334m																
							364m	254° 30'	71°														
						Note: Azimuth readings above 200m affected by magnetite in serpentinite.																	

966024

023