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

SHEET No. 1
TENEMENT NAME ROCKY CAPE - ALPINE PROJECT No. EL 1/77
LOGGED BY: G. PURVIS

CO-ORDINATES 8700.5E 9094N AZIMUTH 357° AMG (346° MAG) DRILLERS OVERLAND COMMENCED 30.1.85 DEPTH 85.80m HOLE No. PD 95 AP 2
RL COLLAR 189m INCLINATION -68° DRILL TYPE WARMAN 500 COMPLETED 2.2.85 CASING LEFT PVC TO 85m DPO No(s) 31928

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)										Cu	Pb	Zn	Ag	Au	
<u>PERCUSSION</u>																
0	4				<u>MAFIC VOLCANIC</u> Pale yellow and grey Highly weathered, clayey, soft. FI-med gr. Small (1mm) amygdaloes		1154616	0	2		45	5	10	<.5	X	
							1154617	2	4		110	5	5	<.5		
4	14				<u>CHERT</u> A capping? Hard, fi gr. Dark bluish-grey i characteristic white exterior surface to fragments. Dog tooth qtz xpls on exterior surface. Rock composed of xuline qtz and bluish chalcidrit qtz - some i agate banding. Minor fine mica and minor qtz-mica schist, variably silicified.	1-5% py dissem. some thin zones or bands of semi-massive py. Limonite stains.	1154618	4	6		70	<.5	25	<.5	X	
							619	6	8		30	<.5	30	<.5		
							620	8	10		35	<.5	45	<.5	X	
							621	10	12		60	10	55	<.5		
							622	12	14		50	5	70	<.5	X	
14	14.50				<u>SEMI-MASSIVE PYRITE</u> In quartz gangue		1154623	14	16		30	10	270	0.5		
14.50	19.50				<u>QUARTZ - MICA SCHIST</u> Pale grey, finely laminated. Numerous barren qtz veins Minor chlorite where more qtzose.	1-3% dissem py.	1154624	16	18		45	5	270	<.5	X	
							625	18	20		50	35	600	1		
19.50	45				<u>QUARTZ - MICA - CHLORITE SCHIST</u> Greenish-grey, finely laminated with intercalations of more-micaceous and chloritic schist Numerous qtz veins generally barren.	1-10% py, av 3%. Dissem, bnd also in massive and semi-massive laminae up to 15mm with minor hematite. Rare trace cp below 32m. 33-33.5m massive py in mica-	1154626	20	22		90	90	1600	<.5	X	
							627	22	24		60	30	370	0.5		
							628	24	26		65	30	770	<.5	X	
							629	26	28		50	20	290	0.5		
							630	28	30		40	15	205	0.5	X	

X = < 0.008 ppm

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SHEET No. 2
No.

CO-ORDINATES..... AZIMUTH..... DRILLERS..... COMMENCED..... DEPTH..... HOLE No. D85AP 2
RL COLLAR..... INCLINATION..... DRILL TYPE..... COMPLETED..... CASING LEFT..... DPO No(s) 31930

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)										Cu	Pb	Zn	Ag	Au			
						-chlorite-gtz schist zone	1154631	30	32		55	15	180	<0.5				
							632	32	34		275	90	650	1	X			
45	46				<u>SEMI-MASSIVE PYRITE</u> In quartz gangue. Rare hematite.		633	34	36		45	10	180	0.5				
							634	36	38		35	10	140	0.5	X			
							635	38	40		55	20	135	0.5				
46	53				<u>QUARTZ-MICA SCHIST</u> Grey. Finely laminated Minor chlorite. Minor barren gtz veins.	46-48m: 15% dissem py; conc in highly siliceous schist zones & minor hematite staining. Minor cp. 48-53m: 5-10% py. 1% cp 48-50m Minor sp-gr-cp.	636	40	42		55	5	155	0.5	X			
							637	42	44		185	10	1400	0.5				
							638	44	46	2.0	7650	30	290	1.5	0.03			
							639	46	48	2.0	5250	30	105	1.0		44-56.2m =		
							640	48	50	2.0	4900	15	160	0.5	X	12.2m =	0.629%	
							641	50	52	2.0	3500	30	170	<0.5				
53	55.5				<u>SEMI-MASSIVE HEMATITE-PYRITE</u> <u>MAGNETITE</u> In siliceous (cherty) gangue, ^{some} hematite Reddish-purple color. Some fine banding.	Minor cp to 54m, then 3-5% cp. Note: Much contamination of sample 1154643 by core-in gtz-mica-chlorite schist from higher in hole.	642	52	54	2.0	1300	60	245	<0.5	X			
							643	54	55.5	1.5	3500	25	410	<0.5				
<u>CORING</u>																		
55.5	56.20	0.70	NØ		<u>SEMI-MASSIVE PYRITE-MAGNETITE</u> In gtz-carbonate (dolomite)-gangue. Minor hematite. v. hard. Some possible wollastonite. Creamy-black in color. Finely banded 70%LCA	1% cp > bornite	1154774	55.50	56.20	0.7	4150	30	75	1.0				
56.20	58.60	2.40	"		<u>QTZ-CARBONATE-SERPENTINE SKARN</u> Pale yellowish-green. Mod hard. Prob after altered carbonate unit. Small aggregates of fawn dolomite xyls to 3mm, with minor talc, in matrix of gtz >> serpentine. Indistinctly banded 50%LCA. Shear at base.	Minor py and cp.	1154775	56.20	58.60		870	<5	80	<0.5				

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DRILL CORE LOG

SHEET No. 4

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

PLAN - MAP REFERENCE.....

CO-ORDINATES..... AZIMUTH..... DRILLERS..... COMMENCED..... DEPTH..... HOLE No. P.85AP.2

RL COLLAR..... INCLINATION..... DRILL TYPE..... COMPLETED..... CASING LEFT..... DPO No(s) 31931

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)										Cu	Pb	Zn	Ag	Au	Ba				
					Carb mainly dolomite to 75m then calcite - often partially leached.	72.2 - 84.4m: 1% py Trace cp + bn.	1154730*	71.4	74.4		640 ⁶²⁰	<5 ⁵	80 ⁸⁰	<.5 ^{4.5}	<.0005	110 ¹¹⁰				
					Minor irreg veins of qtz and/or carb, often partly leached.	84.4 - 85.8m: 2-3% py Trace cp + bn. Sulphides dissem + in 1-2mm veins/lots	731	74.4	77.4		180	<5	65	<.5						
					Above 77m some highly siliceous zones Some mineral banding prob after 1° lineation (50% LCA @ 81.6m) - folding evident	Cavity 75.75-76.3m - core loss.	732	77.4	80.4		175	<5	50	<.5	<.0005	60				
							733	80.4	83.4		220	<5	75	<.5						
							734	83.4	85.8		195	<5	60	<.5	<.0005	20				
					END OF HOLE															

* 1154730-734 are grind samples.

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