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

SHEET No. 1/4

661028

TENEMENT NAME TENTH LEGION No. 53M/75

445457N

PLAN - MAP REFERENCE TASH 2

CO-ORDINATES 5299.73E AZIMUTH 180° GRID DRILLERS PARRY COMMENCED 4.4.82 DEPTH 200.0 m HOLE No. TLC 13

RL COLLAR 248.69 m INCLINATION -45° DRILL TYPE BOYLES 37 COMPLETED 9.4.82 CASING LEFT PVC pipe DPO No(s) 30140

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)										Cu	Pb	Zn	Ag	Sn	W				
			NQ	XXXX	TRICONE DRILLED TO 9m - No Core															
0	12.0	0.5	to	XXXX	9m - 21.5 LOST CORE ZONE.															
2.0	25.0	0.4	56m	CST	21.5-24.5 WEATHERED CALC SILICATE	21.5-24.5 No minerals at all														
5.0	28.0	0.5	BQ		Soft white puggy clay with remnant frags soft white f.g. rock - Ct?															
8.0	31.0	1.4	↓	SS/CST	24.5-25.4 INTERBEDDED SILTSTONES + CALC SILICATE.															
11.0	34.0	0.7			Pale brown-grey totally weathered soft calc silicate with quartzose															
14.0	47.0	1.0			sandy siltstone interbeds. Bedding 70-75°.															
7.0	50.0	0.4		XXXX	25.7-28.0 LOST CORE ZONE.															
10.0	53.0	2.7		SS	28.0-?29.0. Pale pinkish brown hornfelsed sediments															
13.0	59.0	1.4		CST	?29.0-?30.8- White soft weathered calc-silicate															
19.0	62.0	1.7		SS	?20.8-?31.2 Pale pinkish brown quartzite															
22.0	65.0	2.6		CSS	?31.2-?31.6 Calc Silicate Skarn.		973548	?31.2	?31.6	0.4	15	30	185	<0.5	<4	<4				
5.0	68.0	3.0			Highly sheared and faulted serpentinite-magnetite-hornblende rock.															
8.0	71.0	2.8			Poorly banded 70°, magnetite 20-30%, weathered to reddish haematite (sp?)		GRIND													
				CST	31.6-?47.0 Calc silicate Rock	31.6-?47.0 Minor epidote, traces	973875	31.6	47.0	0.9	25	65	80	<0.5	<4	<4				
					Pale grey medium hard massive hornblende rock, weakly banded 50°	Mn, sp. The interval has been significantly faulted and shattered. High core losses.														
				CSS	?47.0-?50.0 Calc Silicate Skarn		CUT													
					Banded crystalline skarn rock-hornblende + phlogopite mica with 10% magnetite which has been degraded to haematite by weathering		973549	47.0	50.0	0.6	35	40	155	<0.5	8	<4				
					Banding 65°. Reddish brown "haematite" possibly sphalerite?		GRIND													
				CST	?50.0-54.3 CALC SILICATE ROCK	50.0-54.3 Minor epidote and reddish	973876	50.0	54.3	4.3	10	80	130	<0.5	34	8				
					As above, 31.6-47.0. 50.0 Banded brown Mn garnet.															
				XXXX	54.3-59.0 LOST CORE ZONE		CUT													
				M/CSS	?59.0-68.7 MAGNETITE SKARN	59.0-63.0 Magnetite 20.30%	973550	59.0	61.0	1.0	75	30	1400	<0.5	16	<4				
					White hornblende rock, with abundant locally massive for 5 to cm, patches magnetite disseminated along fractures sp - locally 2-3%. Minor patches and associated with serpothite	brown idocrase/resuvianite.	551	61.0	61.8	0.7	25	35	2100	<0.5	4	<4				
					alteration.	63.0-64.1 Pinkish brown breccia	552	61.8	62.5	0.7	10	15	1950	<0.5	4	<4				
							553	62.5	63.0	0.4	15	25	2350	<0.5	6	<4				
							554	63.0	64.1	0.7	95	40	5350	<0.5	<4	<4				
						-serpentinized + weathered, trace mag	555	64.1	65.1	1.0	210	30	2300	<0.5	14	<4				



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

SHEET No. 3/4

661030

TENEMENT NAME TENTH LEGION No. 53M/75

PLAN - MAP REFERENCE

CO-ORDINATES..... AZIMUTH..... DRILLERS..... COMMENCED..... DEPTH..... HOLE No. TLC 13

RL COLLAR..... INCLINATION..... DRILL TYPE..... COMPLETED..... CASING LEFT..... DPO No(s) 30/40

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)										Cu	Pb	Zn	Ag	Sn	W			
5.0	88.0	0.6		Dol.	83.4-199.2 DOLOMITE	83.4-85.0 mag 3-5%, trace py, po	973878	83.4	85.0	1.6	5	25	160	<0.5	<4	<4			
38.0	91.0	0.8			Massive grey crystalline dolomitic marble shot through with thin bands														
71.0	94.0	2.0			& dark serpentinite and fine grained														
74.0	97.0	1.6			mass. magnetite														
17.0	100.0	1.9			85.0-?87.5 faulted serpentinite	85.0-?87.5 no mineralization, faulted	572	85.0	?87.5	0.2	15	15	2000	<0.5	<4	<4			
00.0	103.0	1.8			87.5-88.0 As above														
03.0	106.0	2.3			88.0-90.4 Fault zone - greasy brown friable clay.	88.0-90.4 No mineralization	GRIND												
06.0	109.0	2.8			90.4-115.0 Magnetite 1-2%, pyrite	90.4-115.0 Magnetite 1-2%, pyrite	879	87.5	94.0	3.1	5	20	135	<0.5	<4	<4			
09.0	112.0	1.0			100.0 ± 2m fault zone - " "	to 5-10% in short intervals as blebs etc, overall trace → 1%	880	94.0	97.0	1.6	5	20	145	<0.5	<4	<4			
12.0	115.0	0.8			etc, overall trace → 1%		881	97.0	100.0	1.9	5	25	115	<0.5	<4	<4			
15.0	118.0	2.2			115.0-115.3 Faulted & weathered serpentine - no mineralization		882	100.0	103.0	1.8	5	30	70	<0.5	<4	<4			
18.0	121.0	0.5			115.3-115.6 - Dyke - f. gr spotted - no mineralization		883	103.0	106.0	2.3	<5	25	50	<0.5	<4	<4			
21.0	124.0	1.6			rock - poss Cst		884	106.0	109.0	2.8	<5	15	70	<0.5	<4	<4			
24.0	127.0	2.3			115.6-116.6 - Brown fault pug. - trace magnetite		885	109.0	112.0	1.0	5	20	60	<0.5	<4	<4			
127.0	130.0	2.7			116.6-117.6 Dolomite as above.		886	112.0	115.0	0.8	30	20	310	<0.5	<4	<4			
130.0	133.0	2.6			117.6-118.2? Porphyry Dyke? - Contact 80° - trace magnetite + pyrite.		887	115.0	118.0	2.2	5	25	130	<0.5	<4	<4			
33.0	136.0	2.1			Sugary textured rock - highly siliceous, with minor brownish spots - probably a quartzite?		888	118.0	121.0	0.5	10	20	70	<0.5	<4	<4			
36.0	139.0	2.8			118.2-120.8 Serpentine, faulted + sheared - only 10 cm recovered		889	121.0	124.0	1.6	5	25	70	<0.5	<4	<4			
					120.8-124.1 highly altered dol - serpentinite 30%, dolomite is reduced to remnant brownish spots surrounded by black serpentinite + magnetite rich material.	120.8-124.1 mag. 5-7% foliated at 45° approx.	890	124.0	127.0	2.3	5	20	50	<0.5	<4	<4			
					124.1-139.0 Massive pale grey dol; less serpentine	124.1-127.0 pyrite or disseminated blebs 3-5% trace po; mag 1-2%	891	127.0	130.0	2.7	<5	25	50	<0.5	<4	<4			
					Small fault at 127 m.	127.0-139. py 1-2%, mag 2-3%	892	130.0	133.0	2.6	<5	25	95	<0.5	<4	<4			
							893	133.0	136.0	2.1	5	25	55	<0.5	<4	<4			
							894	136.0	139.0	2.8	<5	20	30	<0.5	<4	<4			

