CRA EXPLORATION PTY. LIMITED W.J. FISHER/RUNNING CREEK FARM-IN & JOINT VENTURE

MINERAL CLAIMS MCn's 2688, 2689, 2690 and 2691

FIFTH ANNUAL REPORT For Period Ending 15 December, 1993.

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Date:

January, 1994

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N.T. Dept. of Mines and Energy

Map Reference:

ROBINSON RIVER, SE53-04

Report No.

19500

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CR94/159.

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APPENDIX I RUNNING CREEK MCn 2691 5 Pages DD93RC35 Drillhole Logs and Assay Results

1. **SUMMARY**

During tenure year five, a vertical cored drillhole DD93RC35 was collared in the southwestern portion of Mineral Claim 2691 Running Creek No.1 in order to provide stratigraphic control of the Gold Creek Volcanics sequence in the vicinity of the Running Creek mine area.

Drillhole DD93RC35 attained a total depth of 105.00m and intersected a sequence of shallow dipping thin clastic sedimentary units interstratified with trachytic/trachy-basaltic flows and sills of the Gold Creek Volcanics.

The following elevated assay results were returned:

- 2.00m @ 0.13% Cu from 37.00m in chalcopyrite-veined trachy-basalt;
- 6.00m @ 517ppm Co from 72.00m, with 2m @ 0.34% Cu from 76.00m in disseminated chalcopyrite-bearing trachy-basalt; and
- 1.50m @ 0.19% Cu from 78.80m in lithic agglomerate.

No field work was undertaken within MCn 2688 Running Creek No.2, MCn 2689 Felix and MCn 2690 Saltlick during tenure year five.

A renewal of the four Mineral Claims was lodged with the N.T.D.M.E. on 1 September, 1993.

2. **CONCLUSIONS/RECOMMENDATIONS**

Stratigraphic drillhole DD93RC35 encountered minor basemetal sulphides within shallow dipping units of the Gold Creek Volcanics. The volcano-sedimentary sequence encountered by drillhole DD93RC35 is considered to display significant potential to host stratabound disseminated cobalt-copper mineralisation given a suitable physio-chemical loci.

The following work programmes are recommended:

- (i) Detailed geological mapping should be undertaken within areas peripheral to the non-contiguous mineral claims in order to provide a comprehensive surface geological map of the general locality.
- (ii) A single 100m diamond-cored drillhole collared at 9750E 10000N, is required to ascertain the source of a moderate-to-weak IP anomaly identified within the northwestern portion of MCn 2691 Running Creek No.1. Additionally, this drillhole will provide information on the applicability and value of electrical ground geophysics to locate disseminated sulphide accumulations within the Gold Creek Volcanics stratigraphic succession.
- (iii) Additional drilling of the Gold Creek Volcanics should be undertaken within the non-contiguous mineral claims in conjunction with diamond-core grid drilling of areas peripheral to the MC's in order to determine the presence of stratabound disseminated cobalt-copper mineralisation.

3. **INTRODUCTION**

MCn's 2688, 2689, 2690 and 2691 lie within Exploration Licence Application No. 8413 Running Creek, located within the southeast portion of the Proterozoic McArthur Basin, 60km NNW of Wollogorang Station near the N.T./Qld. border (Plan NTd 5094).

Mineral Claim No.s 2688 - 2691 (inclusive) were pegged by W.J. Fisher on 24 August 1988 and subsequently granted on 15 December, 1988 for a period of five years. The tenements cover a non-contiguous area of seventy-six hectares, protecting exposures of cupriferous trachyte-sediment units within the Proterozoic Gold Creek Volcanics.

Mr W.J. Fisher offered the tenements for Farm-Out to CRA Exploration Pty. Limited. A Farm-In and Joint Venture between the above partners was registered with the N.T. Department of Mines and Energy on 17 October 1990, against MCn's 2688 - 2691 (inclusive) and additional tenement areas under registration No. D5357. CRAE, as managers of the Running Creek Farm-In and Joint Venture, assumed responsibility for title maintenance.

Renewals for the four non-contiguous Mineral Claims were lodged with the N.T.D.M.E. on 1 September 1993.

This report details all activities undertaken by CRA Exploration Pty. Limited within Mineral Claim No.s 2688 - 2691 (inclusive) during the fifth year of tenure.

4. **PREVIOUS EXPLORATION ACTIVITIES**

During tenure year one, gridding, geological mapping, rock-chip sampling and shallow auger sampling was completed over MCn's 2688, 2689, 2690 and 2691 by W. J. & E. E. Fisher Pty Limited. The investigations indicated the presence of cupriferous outcrops of trachyte and sandstone which were interpreted as surface expressions of 'Redbank-style' breccia pipes. A total of 36 shallow (<2m) auger holes were drilled to a cumulative 44 metres with resultant variably elevated copper assays to a maximum of 1.1% (average 300-2000ppm Cu). Tenure year one activities are presented as a comprehensive summary in Appendix 1 of CRAE Report No. 17167 (Palmer, 1991).

In the second year of tenure for MCn's 2688-2691 (inclusive) W. J. Fisher offered the tenements for Farm-Out to CRA Exploration Pty. Limited. A Farm-In and Joint Venture between the above parties was registered with the N.T. Department of Mines and Energy on 17 October, 1990 against MCn's 2688-2691 (inclusive) and additional tenement areas under registration No. D5357.

Further to a review of a technical data set covering the MCn's, CRAE (as managers of the Farm-In/JV) undertook a reconnaissance percussion/diamond drilling programme within the MCn's and surrounding EL 5468 Running Creek . Nine drillholes were completed within the MCn's culminating in 284.1 metres of open hole percussion and 71.9 metres of NQ core drilling.

Drill intersected lithologies were confined to variably thick units of trachytic volcanics, agglomerate/breccia, interbedded claystone, siltstone and quartz arenite (variably sulphidic), basalt and trachy-basalt. A total of 179 samples were collected and assayed for a multi-element geochemical suite.

Weak-to-moderate copper mineralisation was encountered in drillholes at Running Creek Prospect (MCn's 2688 and 2691) including 42m at 0.40% and Saltlick Prospect (MCn 2690) including 20m at 1.02%.

6.3 line kilometres of total field ground magnetics traversing was completed over selected areas of the Mineral Claims. Details of year two activities are contained CRAE Report No. 17167 (Palmer, 1991).

The reconnaissance drilling completed within the Mineral Claims suggested potential for stratabound mineralisation at relatively shallow depths. In consequence, during tenure year three follow-up dipole-dipole array IP investigations were conducted across MCn's 2688, 2691 and 2690 in order to ascertain the nature and lateral extent of any primary subsurface sulphide accumulations. A total of four line kilometres of 100 metre spaced and 600 metres of 50 metre spaced dipole-dipole IP surveying was completed.

Traverses undertaken at Running Creek Prospect (MCn's 2688 and 2691) provided resistivity and chargeability pseudo-section patterns attributable to minor sulphides adjacent to the Running Creek Mine pit, at an interpreted fault contact beneath cover thickening to the north.

One 100 metre dipole traverse completed at Saltlick Prospect (MCn 2690) resulted in a pseudo-section pattern consistent with a layer of low resistivity/low chargeability material at or near surface.

Tenure year three activities are detailed in CRAE Report No. 17879 (Palmer, 1992).

No field work specific to the Mineral Claims was undertaken during tenure year four with the exception of rehabilitation monitoring of harrowed drill pads and access tracks. Exploration targeted on adjacent prospects within enclosing EL 5468 during 1992 produced encouraging copper and cobalt values in soil samples and ensuing drill intercepts.

Further work on the mineral claims was put on hold until the nature and controls of the proximal mineralisation could be established so as to provide a new focus for exploration.

5. **EXPLORATION ACTIVITIES - TENURE FIVE**

5.1.1 Introduction

Field work during the fifth year of Mineral Claim tenure was restricted and delayed by heavy Wet Season and late unseasonal rains prohibiting access to vast areas of the Gulf Region. In late-1993, drill-testing of targets peripheral to the MC's confirmed the presence of potentially significant stratabound cobalt (nickel-copper) mineralised horizons within the Gold Creek Volcanics.

5.1.2 MCn 2691 Running Creek No.1

A vertical cored drillhole DD93RC35 was collared at 9650E, 9721N in the southwestern portion of the Mineral Claim in order to provide stratigraphic control of the Gold Creek Volcanics sequence in the vicinity of the Running Creek mine area (Plan NTd 5077). The drillhole attained a total depth of 105.00m and intersected a sequence of shallow dipping thin clastic sedimentary units interstratified with trachytic/trachy-basaltic flows and sills of the Gold Creek Volcanics.

Disseminated pyrite (0.5 - 1% av.) was recorded from claystone horizons/clasts over the intervals 18.40m - 20.26m, 59.30m - 61.30m and 80.30m - 82.20m. Fracture hosted

chalcopyrite (0.5 - 1%) was reported in trachyte over the 33.00m - 45.00m interval. Disseminated chalcopyrite was evident within calcareous arenite over the intervals 54.50m - 59.30m, 77.00m - 80.30m in trachyte and 80.30m - 86.20m within an arenite/hyaloclastitic agglomerate unit.

A total of 59 split NQ drillcore samples were submitted to Amdel Laboratories, Darwin, for assay by the AAS technique for Ag, As, Co, Cu, Cr, Fe, Mn, Ni, Pb and Zn and by

FIRE/AAS technique for low level Au, Pt and Pd determinations.

The following elevated assay results were returned:

- 2.00m @ 0.13% Cu from 37.00m in chalcopyrite-veined trachy-basalt;
- 6.00m @ 517ppm Co from 72.00m, with 2m @ 0.34% Cu from 76.00m in disseminated chalcopyrite-bearing trachy-basalt; and
- 1.50m @ 0.19% Cu from 78.80m in lithic agglomerate.

No significant precious metal assays were reported.

Detailed geological drill logs and assay results appear in Appendix I.

Reassessment of the 100m dipole-dipole IP data collected within MCn 2691 Running Creek No. 1 show constrasting chargeability features of low to moderate magnitude that warrant further investigation. The chargeability pseudosection for line 9750E shows a weak "pants-leg" type anomaly centred at 10000N that to date remains in part untested (Plan NTd 5235).

Minor clearing of vegetation and surface disturbance was conducted to provide vehicular and drill-rig access to the proposed drillsite. Upon completion of the drilling programme all drill-sampling equipment and materials were removed from the site, the drillhole capped and the drillsite rehabilitated by scarifying to promote vegetation regrowth.

5.1.3 MCn 2688 Running Creek No.2 MCn 2689 Felix MCn 2690 Saltlick

No field work was undertaken within MCn 2688 Running Creek No.2, MCn 2689 Felix and MCn 2690 Saltlick during tenure year five.

6. **EXPENDITURE**

Grouped expenditure by CRA Exploration Pty. Limited on the four tenements to 31 December, 1993 (nearest accounting period) totalled \$40,217

Drilling Payroll	\$12,000 \$ 6,289
Contractors	\$ 3,970
Laboratory	\$ 1,329
Field and Transport	\$ 2,253
District Administration	\$10,724
Regional Overheads	\$ 2,792
Tenement	<u>\$ 860</u>
TOTAL	\$40.217

7. **KEYWORDS**

Cobalt; Copper; Diamond Drilling; Drill-Assays; Farm-in; IP Survey; Gold Creek Volcanics; Proterozoic-Mid; Stratabound; McArthur Basin; Tawallah Group

8. **LOCATION**

Robinson River Selby 6464

SE53-04

1:250 000 mapsheet

1:100 000 mapsheet

9. **REFERENCES**

Palmer, D.C. (1991)

W.J. Fisher/Running Creek Farm-In and Joint Venture. MCn's 2688, 2689, 2690 and 2691.

Second Annual Report for Period Ending

15 December, 1990. (CRAE Report #17167)

Palmer, D.C. (1992)

W.J. Fisher/Running Creek Farm-In and Joint Venture. MCn's 2688, 2689, 2690 and 2691.

Third Annual Report for Period Ending

15 December, 1991. (CRAE Report #17879)

10. LIST OF PLANS

Plan No.	<u>Title</u>	<u>Scale</u>
NTd 5094 ·	Running Creek Farm-In & J/V MCn's 2688, 2689, 2690 and 2691 Location Plan	1:100 000
NTd 5077 _	Running Creek Farm-In & J/V MCn 2688 and MCn 2691 Running Creek Mine Area Geology and Drillhole Location Plan.	1:100 000
NTd 5235_	Running Creek Farm-In & J/V Induced Polarisation Survey Line 9750E	1:10,000

APPENDIX I

RUNNING CREEK MCn 2691

DD93RC35 Drillhole Logs and Assay Results

CRA EXPLORATION PTY LIMITED

DRILL HO	LE LOG			DD	93RC35			PROJECT	MCN 2691 RUNNING CREEK								
CO-ORDINA	TES	9650E 972	25N	795252E	8148497N	DRILLERS	THOMPSON DRILLING	COMMENCED	19/10/93	TOTAL DEPTH	150M	DPO NO:	S <u>71</u>	145,71148			
RL COLLAR	COLLAR			INCLINATION	<u>-90°</u>	DRILL TYPE	W80	COMPLETED	22/10/93	CASING LEFT	STEEL TO	_					
Dept	_ `	Hole			· .	<u> </u>					Sample	Depth	(m)	T			
From	<u>To</u> 4.75	Size NQ	Log	0			Geology				Number	From	То				
		NG		White to a Rounded of variably or stratification 0.40m.	speckled r quartz gra kidised por n. Unit co	ic quartz ARE red brown, m ins, lesser lith re space filling parsens upwa	3747482 3747483	0.40 2.50	2.50 4.75								
4.75	18.40			Orange br quartz are brown disc grey brown sand dyke laminations veinlets. Minor slum Bedding 70	own to reconite and solouration of fine grains, load cas and rare processing the	d brown intertility arenite. It to approx. 11ined arenaceousts and eros limonitic replation 17.40m-18		ninated siltstone ached throughou ntly bedded red ser, and trough d throughout u le in upper blead	and fine gra ut with unit d brown siltstor cross lamina nit. Minor li	isplaying yellow ne with thin white tion. Numerous monite replaced	3747484 3747485 3747486 3747487	4.75 6.00 8.00 10.00 12.00 14.00 16.00	6.00 8.00 10.00 12.00 14.00 16.00 18.40				
18.40	20.26	1		Grey clays sand dyke sporadicali	tone with fi s, minor e y distribute	ne grained litherosional scored of over interva	NITE (Weakly Sulphidic nic arenite bands. Unit in urs and micro-faulting. il. ag 20.05-20.26m with er	nterbedded to we Trace to 1% v	eakly brecciat very fine diss	ed with commor eminated pyrite	3747491	18.40	20.26				
20.26	24.10			Amygdaloi Orange to hyaloclasti diameter fi altered con Minor quar	dal TRACH red brow c basal co led by cel tacts. z filled irre	IYBASALT n, amygdalo ontact. Uppe adonite, quart gular vesicule	3747492	20.26 22.10	22.10 24.10								
24.10	25.40			Lithic Aggle Multicolour comprises set in a ma dominated Trace euhe	Minor quartz filled irregular vesicules 23.3m-23.4m. Lower irregular contact 25°LCA Lithic Agglomerate with lithic quartz ARENITE/CHLORITIC MUD MATRIX. Multicoloured, poorly sorted lithic agglomerate with fine grained lithic quartz arenite bands. Agglomerate comprises irregular to angular fragments of vesicular trachyte and claystone, ranging from 1cm to 8cm, set in a matrix of either well sorted quartz cemented lithic arenite with minor green chloritic mud, or matrix dominated by green chloritic mud with subordinate quartz granules and fine lithic fragments. Trace euhedral coarse aggregates and fine disseminated chalcopyrite. Upper and lower irregular ? erosional contacts. Lower contact 30° LCA.												
SUMMARY										LOGGED BY	DCP		DATE _	23/20/93			
										SHEET	1 OF	3	_				

CRA EXPLORATION PTY LIMITED

DRILL HOLE LOG

DD93RC35

PROJECT

MCN 2691 RUNNING CREEK

Depth (m) Hole					Sample	Depth	(m)	1
rom	То	Size	Log	Geology	Number	From	To	1
.40	54.50	NQ		Potassic altered TRACHYBASALT with chloritic-mud/chalcopyrite/quartz filled fractures.	3747495	25.40	27.00	
ı				Salmon pink orange to brown, fine crystalline to porphyritic variably potassic altered basalt/trachybasalt	3747496	27.00	29.00	
Ī				with chlorite altered feldspar porphyroblasts. Variously fractured and veined. Vein and fracture matrix	3747497	29.00	31.00	
				comprising green to dark grey green/black chloritic mud, minor quartz and trace coarse chalcopyrite, rare		31.00	33.00	
				fine angular trachyte and mud clasts.	3747499	33.00	35.00	
				25.40m-33.00m. Upper portion of unit, weakly vesicular with 'stockwork' quartz ± chloritic mud filled		35.00	37.00	
				fractures.	3747501	37.00	39.00	
			:	33.00m-45.00m. Central portion of unit, variably altered. Chloritic mud and coarse chalcopyrite		39.00	41.00	
				aggregate filled fractures (eg. 36.95m, 38.00m, 39.20m, 40.80m, 41.70m) av chalcopyrite 0.5%.	3747503	41.00	43.00	
- 1				45.00m-54.50m. Lower strongly potassic altered portion of unit, characterised by abundant flow base	3747504	43.00	45.00	
				brecciation, open cavity voids, volume loss, angular clasts with negligible matrix. Trace pyrite, very rare chalcopyrite. Broken fractured core 51.00m-53.00m.	3747505	45.00	47.00	
ľ				53.00m-54.50m. Strongly bleached, vuggy potassic altered, brecciated flow base. Minor cavity infill with	3747506	47.00	49.00	1
				chloritic mud, euhedral guartz.		49.00	51.00	1
		i		Irregular/hyaloclastic contact.	3747508 3747509	51.00 53.00	53.00 54.50	1
4.50	59.30			Dolomite altered quartz lithic ARENITE.	3/4/309	33.00	34.50	╄┈
				Red brown to white, carbonate (dolomite) altered medium to coarse grained lithic quartz arenite with				
- 1				disseminated chalcopyrite. Unit characterised by massive bedded medium grained, moderately sorted	3747510	54.50	55.30	
l				arenite comprising sub angular to rounded trachytic fragments, sub rounded quartz grains and irregular	3747511	55.30	56.30	
ı				mud clasts within a sparry dolomite altered mudstone/clay matrix. Red/brown hematitic staining of	3747512	56.30	57.30	
				cement and quartz clasts. Fine to coarse (up to 3mm) chalcopyrite disseminations associated with sparry	3747513	57.30	58.30	
				dolomite. Av 1%.	3747514	58.30	59.30	
				Numerous erosional scours. Variable bedding 55-80' LCA.		55.55	00.00	1
				Upper portion of unit 54.50m-55.30m, containing common irregular grey-brown mud clasts within a				1
		ľ		medium grained arenite unit with green chloritic mud matrix.				
				(Debris flow ?). Bedding 90° LCA.				1
				Lower gradational contact.				1
9.30	61.30			Interlaminated to weakly brecciated sulphidic CLAYSTONE and dolomite altered quartz lithic ARENITE.			3.25	П
				Interlaminated to slump brecciated, green sulphidic claystone and fine grained red brown dolomite altered				
				quartz lithic arenite (as per 54.50m-59.30m) with hematitic cement. Unit contains very fine ubiquitous	3747515	59.30	60.30	
				disseminated pyrite with sporadic bands of up to 5cm containing 8%. Sulphide overall <2%. Sulphide	3747516	60.30	61.30	ı
				appears within both claystone and arenite although appears more prevalent within claystone clasts and				1
		:		slickensided claystone bands. Possible remobilised sulphide veinlets and sulphide defining laminae at				1
1				60.30m. Minor calcite/hematite veinlets 60.8m-61.20m.				1
1				Bedding 60-75* LCA.				1

SUMMARY _	LOGGED BY		DCP	··	DATE	23/10/93
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CRA EXPLORATION PTY LIMITED

DRILL HOLE LOG

DD93RC35

PROJECT

MCN 2691 RUNNING CREEK

<u> </u>	h ()	T Links				D	7	
	h (m)	Hole	l .		Sample	Depth	<u>(m)</u>	L
From	То	Size	Log	Geology	Number	From	То	
61.30	80.30			BASALT/TRACHY-BASALT with disseminated and fracture filled sulphide.	3747517	61.30	62.60	
	1			Salmon pink/orange to grey brown, variably potassic altered trachyte/trachy-basalt unit as per 25.40m-	3747518	62.60	64.60	
	Ī			54.50m. Broken and fractured core between 72.90m-77m. 61.30m-64.60m. Upper vesicular flow top with potassic alteration to approx. 64.60m. Common	3747519	64.60	66.00	
					66.00	68.00]	
1		1		3747521	68.00	70.00	[[
[l	t	3747522	70.00	72.00	[[
	1		3747523	72.00	74.00			
	l		3747524	74.00	76.00			
			3747525	76.00	78.00			
l	l	l	ł	quartz/chlorite veining and matrix infill. Trace to 1% disseminated fine chalcopyrite.	3747526	78.00	78.80	Į l
		1	3747527	78.80	80.30]]		
		<u> </u>						
80.30	82.20	l	l	Lithic ARENITE/AGGLOMERATE (Sulphidic).			l	[[
	ŀ			Poorly sorted to massive bedded and flow imbricate, red brown, fine to medium grained lithic				·
1				arenite/agglomerate. Unit comprising fine to medium grained lithic quartz arenite, with variable chloritic	3747528	80.30	82.20	
1	l	1	1	mud and hematite matrix. Frequent imbricate irregular mud clasts and angular vesicular trachyte clasts			l	
				forming locally conglomeratic/agglomerate bands. Numerous erosional scours.				
				Trace to 1% disseminated chalcopyrite within arenite bands and arenaceous matrix of agglomerate. Very fine disseminated pyrite within mud flakes/clasts.				
			1	Bedding 75° LCA. Erosional lower contact.				
82.20	86.20		l	TRACHYTIC-TRACHYANDESITE AGGLOMERATE with chloritic mud matrix.	3747529	82.20	84.20	
	l				3747530	84.20	86.20	
Į l		l		vesicular to massive trachyandesite irregular to angular clasts up to 50cm, with trace to 2% disseminated		86.20	88.00	Į l
<u> </u>				chalcopyrite in crystalline groundmass and vesicule infill.	3747532	88.00	90.00	4
1		1		Matrix comprising grey green chloritic mud with negligible sulphide.	3747533	90.00	92.00	1 1
		<u> </u>	1	Basal 20cm containing hematite and calcite within silty matrix.	3747534	92.00	94.00	
86.20	102.00		l	Calcite-veined TRACHYANDESITE.	3747535	94.00	96.00	<u> </u>
				Grey green to brown, calcite-veined, vesicular and flow banded to massive, fine crystalline to aphanitic	3747536	96.00	98.00	
				trachyandesite. Upper hyaloclastic flow top (82.20-86.20) with vesicular textures to 90m. Chlorite altered	3747537⊲	98.00	100.00	1. N. + 1.9N.
1				ground mass. Localised hematite altered chlorite/calcite-veined bands 89.50m, 94m-94.50m, 96.70-		100.00	102.00	
ŀ		!	1	96.90m, 97.70m-97.85m, 100.20m-100.50m,104-105m. Common in-veined brecciation and rare pyrite.	3747539	102.00	104.00	
					3747540	104.00	105.00	
				TD 105m			<u> </u>	
SUMMARY				LOCOCD BY	D00		DATE	00/40/00
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CRA EXPLORATION PTY. LIMITED

AAS

FIRE/AAS AAS

AAS

AAS

1 ppm 50 ppm 10 ppb 1 ppm 4 ppm 4 ppm 2 ppm 5 ppm 4 ppm 4 ppm 4 ppm 1 ppb

AAS

AAS

AAS

AAS

FIRE/AAS FIRE/AAS AAS

5 ppb

2ppm

TENEMENT: MCn 2691 Running Creek No.2

METHOD

DET. LIMIT

DRILLHOLE: DD93RC35 Geochemistry Dat DPO: 71145, 71148

SAMPNO	FROM (m)	TO (m)	Ag ppm	As ppm	Au ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe ppm	Mn ppm	Ni ppm	Pb ppm	Pd ppb	Pt ppb	Zn ppm
3747482	0.4	2.5	0.5	25	0.005	0.5	4	115	145	10400	32	2	2	0.5	2.5	2
3747483	2.5	4.75	0.5	25	0.005	0.5	18	12	250	17500	96	7	2	0.5	2.5	4
3747484	4.75	6	0.5	25	0.005	0.5	145	21	1990	30400	68	78	2	7	2.5	135
3747485	6	8	0.5	25	0.005	0.5	510	18	1090	21400	33	135	2	2	2.5	13
3747486	8	10	0.5	25	0.005	0.5	800	18	115	27800	68	88	2	2	2.5	10
3747487	10	12	0.5	25	0.005	0.5	620	30	24	30600	28	53	2	3	2.5	11
3747488	12	14	0.5	25	0.005	0.5	340	30	8	26800	26	26	2	3	2.5	10
3747489	14	16	0.5	25	0.005	0.5	230	30	1	29800	50	19	2	1	2.5	12
3747490	16	18.4	0.5	25	0.005	0.5	210	32	145	32200	300	20	2	2	2.5	15
3747491	18.4	20.26	0.5	25	0.005	0.5	96	31	120	41800	530	16	7	1	2.5	26
3747492	20.26	22.1	0.5	25	0.005	0.5	49	20	135	18400	30	10	2	0.5	2.5	48
3747493	22.1	24.1	0.5	70	0.005	0.5	130	25	30	36800	36	32	12	0.5	2.5	26
3747494	24.1	25.4	0.5	50	0.005	0.5	110	66	75	50000		46	2	0.5	2.5	31
3747495	25.4	27	0.5	25	0.005	0.5	59	26	15	28400		20	11	0.5	2.5	26
3747496	27	29	0.5	50	0.005	0.5	57	25	12	42800	25	22	18	0.5	2.5	23
3747497	29	31	0.5	25	0.005	0.5	83	30	14	17900	15	21	21	0.5	2.5	11
3747498	31	33	0.5	25	0.005	0.5	120	26	350	19200	2	32	30	0.5	2.5	32
3747499	33	35	0.5	25	0.005	0.5	105	23	195		_	27	22	0.5	2.5	18
3747500	35	37		25	0.005	0.5	110	14	420	38000	7	27	9	0.5	2.5	32
3747501	37	39	0.5	25	0.005	0.5	65	17	1290	36400	14	20	7	0.5	2.5	27
3747502	39	41	0.5	25	0.005	0.5	135	18	250	49800	45	37	8	0.5	2.5	51
3747503	41	43	0.5	25	0.005	0.5	70	18	230			33	7	0.5		34
3747504	43	45		25	0.005	0.5	59	20	9	28600	25	31	6	0.5	2.5	36
3747505		47	0.5	25	0.005	0.5	45	15	2	17000	5	15	5	0.5	2.5	10
3747511	55.3	56.3	0.5	25	0.005	1	29	7	150	22400	4040	7	14	0.5	2.5	9
3747512	56.3	57.3	0.5	25	0.005	1	21	2	420	28400	5400	6	20	0.5	2.5	19
3747513	57.3	58.3	0.5	25	0.005	1	17	2	78	23200	4850	7	26	0.5		13
3747514	58.3	59.3	0.5	25	0.005	1	22	10	100	18000	3500	9	28	0.5		17
3747515	59.3	60.3	0.5	80	0.005	0.5	51	16	11	27800	1840	14	30	2	2.5	39

CRA EXPLORATION PTY. LIMITED

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1 ppm 50 ppm 10 ppb 1 ppm 4 ppm 4 ppm 2 ppm 5 ppm 4 ppm 4 ppm 1 ppb

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TENEMENT: MCn 2691 Running Creek No.2

METHOD

DET. LIMIT

DRILLHOLE: DD93RC35 Geochemistry Dat DPO: 71145, 71148

SAMPNO	FROM (m)	TO (m)	Ag ppm	As ppm	Au ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe ppm	Mn ppm	Ni ppm	Pb ppm f	^o d ppb	Pt ppb	Zn ppm
3747511	55.3	56.3		25	0.005	1	29		150		• •	7	14	0.5	2.5	9
3747512	56.3	57.3	0.5	25	0.005	1	21	2	420	28400	5400	6	20	0.5	2.5	19
3747513	57.3	58.3	0.5	25	0.005	1	17	2	78	23200	4850	7	26	0.5	2.5	13
3747514	58.3	59.3	0.5	25	0.005	1	22	10	100	18000	3500	9	28	0.5	2.5	17
3747515	59.3	60.3	0.5	80	0.005	0.5	51	16	11	27800	1840	14	30	2	2.5	39
3747516	60.3	61.3	0.5	60	0.005	0.5	64	19	2	36400	2300	23	6	2	2.5	17
3747517	61.3	62.6	0.5	25	0.005	0.5	54	10	7	19400	155	19	7	0.5	2.5	21
3747518	62.6	64.6	0.5	25	0.005	0.5	47	4	85	21200	38	14	5	0.5		17
3747519	64.6	66	0.5	25	0.005	0.5	71	2	165	69600	61	25	10	0.5	2.5	60
3747520	66	68	0.5	25	0.005	0.5	195	2	12	76200	67	39	15	0.5		63
3747521	68	70	0.5	25	0.005	0.5	270	2	18	67400	77	24	115	0.5		470
3747522	70	72	0.5	25	0.005	0.5	310	2	15	67800	70	26		0.5		105
3747523	72	74	0.5	25	0.005	0.5	550	2	10		_	26		0.5		55
3747524	74	76	0.5	25	0.005	0.5	500	2	7	76000	130	39	77	0.5		64
3747525	76	78	0.5	25	0.005	0.5	500		3350			26		1	2.5	270
3747526	78	78.8	0.5	25	0.005	0.5	130		91	74400		27		23		51
3747527	78.8	80.3		25	0.005	0.5	145		1910			37		3		63
3747528		82.2		25	0.005	0.5	100					27		5		66
3747529	82.2	84.2	0.5	25	0.005	0.5	105					22		0.5		34
3747530		86.2		25	0.005	0.5	250		•			18		0.5		45
3747531	86.2	88		25	0.005	0.5	83			104000		23		1	2.5	71
3747532		90		25	0.005	1	69					14		0.5		49
3747533	90	92		90	0.005	0.5	230			93000		82		0.5		63
3747534	92	94		25	0.005	0.5	54	_	_	86200	_	1 8		0.5		50
3747535	94	96	0.5	25	0.005	0.5	39			66200		16		0.5		35
3747536	96	98	0.5	25	0.005	0.5	49	4	18			14		0.5		38
3747537	98	100		25	0.005	0.5	49			91200				0.5		44
3747538	100	102	0.5	25	0.005	0.5	44		4	78600	850	15	14	0.5		78
3747539	102	104	0.5	25	0.005	0.5	53	4	3	81600		16		0.5		87
3747540	104	105	0.5	25	0.005	0.5	21	2	9	51800	2750	9	13	0.5	2.5	26

FIRE/AAS FIRE/AAS AAS

5 ppb

2ppm





