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**MICROFILMED**

MEMORANDUM REPORT ON  
CONSTABLE'S CREEK DRILLING

EL6/68

ST. HELENS DISTRICT, TASMANIA

GEOPHOTO MINERALS REPORT 1970/3

BY

I.R. MORTIMORE AND  
J.H. RATTIGAN

001

INTRODUCTION

The Constable's Creek Prospect embraces a small granite cupola and surrounds in hornfelsed Mathinna Group metasediments.

This area responded to the GRAMS airborne system with anomalies for U, Th, U/Tl ratio and K. These probably result from the late phase "mineralising" character of the cupola and its contrast in geochemistry with Mathinna Group.

The area has a number of pits and trenches exposing narrow, quartz-lode swarms with irregular wolfram and molybdenite values.

Preliminary geologic work (Drawing 1/<sup>108</sup>~~100~~), surface prospecting and analysis of grab samples showed assays of some interest for Bi as well as W and Mo (Table 1). These samples were obtained by cobra rock drill or by blasting.

Other narrow wolfram bearing veins were mapped on prospecting over a wide area and the whole of a wide contact zone and upper levels of intrusives in the vicinity are prospective for vein type W, Mo, Bi and Sn. The prospect area may be compared with a lower level (intrusion wise) situation to that at Aberfoyle. Depending on the morphology of the granitic contacts of buried sections of the plutons thereabouts the Aberfoyle

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situation might be duplicated. It is also possible that wide areas of intrusion in its upper levels may be altered, veined and mineralised as with some overseas producers and at the Aberfoyle Mine. However, the intrusion and intrusion tectonic history probably would control the extent of any such mineralisation and we know little of these geological aspects.

DRILLING

Two diamond drill holes were placed under a surface vein swarm at Constable's Creek to test the veins at depth. The holes (DDH 1 and 2) were collared in hornfelsed slates and depressed 45° at a bearing of S41°W from sites indicated on Drawing 1/<sup>108</sup>~~125~~.

All core was assayed. (Tables 2 to 4).

No intersections of significance were met with (Table 5) and although care is necessary in treating analytical data for Mo because of its response to sampling practices, it is obvious that no economic values were encountered.

The veins are presumed to die at or above a granite contact. Logs are presented in separate reports (Geophoto Report 1970/10 and 1970/12). A deeper, narrow vein in Hole No. 1 (359' - 36086") showed a tin value of 0.29%.

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A third hole depressed at 45° on a bearing of 041° from a second area, collared within granite (see Drawing 1/120) was put beneath other wolfram bearing veins and greisenous granite patches.

This was a more interesting hole in that a considerable shallow zone between 23'2" and 78'6" gave a tungsten value of 0.05%.

Whilst this is by no means economic it is significant in that considerable anomalous tungsten is available within altered sections of the granite body.

A deeper vein (250' - 254') assayed 0.20% W and 0.18% Bi.

SYSTEMATIC SOIL GEOCHEMISTRY

Systematic soil sampling for Mo and other elements has been carried out in the Constable's Creek area. (Table 6)

This outlines a contact zone within and beyond the eastern margin of the granite cupola which has higher molybdenum values (to 80 ppm) in contrast with 10 ppm or 20 ppm, which is common background. Molybdenum is an element that in many areas (particularly semi arid areas) remains fixed in soil over anomalous granitic outcrop. The anomalies in relatively

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well leached country at Constable's Creek by no means approach absolute values that what would be considered highly significant economically elsewhere, but deserve some further check.

CONCLUSIONS

Though surface indications of W and Mo are good in places in Constable's Creek in the tested areas, it is unlikely on present data that vein density is such that a huge tonnage operation would result.

Exploratory diamond drilling for Mo, W and Bi ores is filled with hazards, as ore minerals of these elements are patchy in habit and drilling often proves merely the locus of a mineralized zone rather than a reliable assessment of grade. In the case of molybdenum also, there are hazards in sample preparation and analysis in different laboratories is necessary.

In view of the intersection in DDH 3 and the thickness of weakly tungsteniferous ground in DDH 3 it is suggested that a further diamond drill hole be placed near 4E # 20S and drilled southerly to penetrate below the greisenous wolfram and molybdenum bearing veins in this area, in granite and contact zone.

The whole zone south to Wolfram Creek is prospective for vein deposits of Aberfoyle scale but in view of the abundant scree cover is difficult to prospect. The discovery of large disseminated deposits would only be possible by wildcat drilling in the geological areas considered for this type of occurrence.

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TABLE 1

Assays of Surface samples -

Lab Sheet 94/1 and 94/2

96/1, 97/1, 86/1, 29/1, 35/1

# GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 000059/62. Project No. EL6/68

938008

LAB. SHEET No.: 94/1. Rock

DATE: 19th November, 1969.

SAMPLE No.	LAB. No.	Mo ppm	Bi ppm	W %					
E6	69-L-663	20	50	0.08					
E7	69-L-664	30	95	0.62					
E8	69-L-665	35	260	0.14					
E9	69-L-666	40	290	0.63					
E10	69-L-667	60	195	0.65					
E11	69-L-668	20	30	0.34					
CPE9	69-L-669	375	4150	0.85					
CPE6	69-L-670	40	1750	3.15					
E12	69-L-671	75	855	0.80					
E13	69-L-672	75	1750	0.44					
E14	69-L-673	85	635	BLD					
CPE7	69-L-674	65	440	0.21					
E15	69-L-675	80	1750	BLD					
E16	69-L-676	60	2250	0.93					
E17	69-L-677	20	60	BLD					
CPE5	69-L-678	325	50	BLD					
CPE4a	69-L-679	25	1825	BLD					
CPE4b	69-L-680	50	575	BLD					
CPE3a	69-L-681	265	415	0.25					
CPE3b	69-L-682	130	210	3.30					
CPE3c	69-L-683	175	100	BLD					
CPE3d	69-L-684	140	30	BLD					
CPE3e	69-L-685	40	40	BLD					
CPE3f	69-L-686	1750	55	BLD					
CPE1a	69-L-687	50	470	BLD					
CPE1b	69-L-688	25	60	BLD					
E18a	69-L-689	40	10	BLD					
E18b	69-L-690	1500	540	BLD					
E19	69-L-691	55	20	BLD					
E20	69-L-692	35	50	BLD					
E21	69-L-693	85	210	3.30					
E22	69-L-694	30	15	BLD					
E23	69-L-695	85	525	0.24					
E26	69-L-698	20	440	0.23					
E27	69-L-699	25	480	0.25					
E28a	69-L-700	25	440	1.43					
E28b	69-L-701	35	1375	0.10					
E29a	69-L-702	35	150	0.10					
E30	69-L-703	25	250	0.21					
E31	69-L-704	30	250	BLD					
E29b	69-L-705	35	280	1.23					
E32a	69-L-706	35	250	BLD					
E32b	69-L-707	20	35	0.05					
E32c	69-L-708	25	190	BLD					
E37	69-L-873	35	20	BLD					
E38	69-L-874	30	10	BLD					

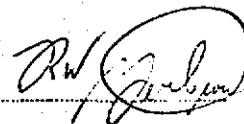
METHODS: Mo, Bi by G.R.C. No. 2.

W by G.R.C. No. 4A.

Sn to follow.

B.L.D: Below Limit of Detection.

Chief Chemist.....



# GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 000062

Project No. EL6/68

938009

LAB. SHEET No.: 94/2.

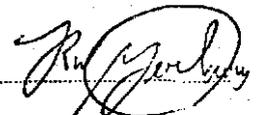
Rock

DATE: 19th November, 1969.

SAMPLE No.	LAB. No.	Mo ppm	Bi ppm	W %				
E39	69-L-875	30	5	BLD				
E40	69-L-876	25	10	BLD				
E41	69-L-877	25	15	BLD				
E42	69-L-878	20	130	BLD				
E43	69-L-879	35	15	BLD				
E44	69-L-880	40	10	BLD				
E45	69-L-881	30	10	BLD				
E46	69-L-882	30	5	BLD				
E47	69-L-883	30	5	BLD				
E48	69-L-884	30	10	BLD				
E49	69-L-885	30	15	BLD				
E50	69-L-886	25	BLD	BLD				
E51	69-L-887	25	BLD	BLD				
E52	69-L-888	25	BLD	BLD				
E53	69-L-889	25	BLD	BLD				
E54	69-L-890	35	15	BLD				
E55	69-L-891	25	10	BLD				
E56	69-L-892	25	15	BLD				
E57	69-L-893	20	10	BLD				

METHODS:

Chief Chemist



# GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 000062 Project No. EL6/68

938010

LAB. SHEET No.: 96/1. Rock

DATE: 20th November, 1969.

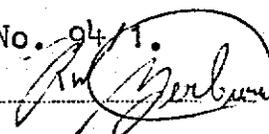
SAMPLE No.	LAB. No.	%Sn					
E 37	69-L-873	BLD					
E 38	69-L-874	BLD					
E 39	69-L-875	0.05					
E 40	69-L-876	BLD					
E 41	69-L-877	BLD					
E 42	69-L-878	BLD					
E 43	69-L-879	BLD					
E 44	69-L-880	BLD					
E 45	69-L-881	BLD					
E 46	69-L-882	BLD					
E 47	69-L-883	BLD					
E 48	69-L-884	BLD					
E 49	69-L-885	0.08					
E 50	69-L-886	BLD					
E 51	69-L-887	BLD					
E 52	69-L-888	0.05					
E 53	69-L-889	BLD					
E 54	69-L-890	BLD					
E 55	69-L-891	BLD					
E 56	69-L-892	BLD					
E 57	69-L-893	BLD					

METHODS: G.R.C. No. 6A - Tin by IFA.

B.L.D: Below Limit of Detection. (0.05%)

Other results requested are recorded on Lab Sheet No. 94/1.

Chief Chemist



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## GEOCHEMICAL LABORATORY REPORT

938011

FIELD SHEET No. 000028

Project No. EL6/68

LAB. SHEET No. 97/1.

Rock

DATE 20th November, 1969

SAMPLE No.	LAB. No.	%Sn						
B 1	69-L-709	BLD						
B 2	69-L-710	BLD						
B 3	69-L-711	BLD						
B 4	69-L-712	BLD						
B 5	69-L-713	BLD						
B 6	69-L-714	BLD						
B 7	69-L-715	0.08						
B 8	69-L-716	BLD						
B 9	69-L-717	BLD						
B 10	69-L-718	0.26						
B 11	69-L-719	BLD						
B 12	69-L-720	BLD						
B 13	69-L-721	BLD						
B 14	69-L-722	0.41						
B 15	69-L-723	BLD						
B 16	69-L-724	BLD						
B 17	69-L-725	BLD						
B 18	69-L-726	BLD						
A 132	69-L-727	BLD						
A 136	69-L-728	BLD						
A 142	69-L-729	BLD						
A 147	69-L-730	0.08						
A 161	69-L-731	BLD						
A 164	69-L-732	BLD						
A 165	69-L-733	BLD						
A 173	69-L-734	0.08						
A 175	69-L-735	BLD						
A 192	69-L-736	BLD						
A 193	69-L-737	BLD						
A 194	69-L-738	BLD						
A 196	69-L-739	BLD						
A 207	69-L-740	BLD						
A 209	69-L-741	BLD						
A 211	69-L-742	BLD						

METHODS: G.R.C. No. 6A - Tin by IFA.

B.L.D.: Below Limit of Detection. (0.05%)

Other results requested are recorded on Lab Sheet No. 86/1.

Chief Chemist



# GEOCHEMICAL LABORATORY REPORT 938012

FIELD SHEET No.: 000028 Project No. EL6-68

LAB. SHEET No.: 86/1. Rock

DATE: 14th November, 1969

SAMPLE No.	LAB. No.	Cu	Pb	Zn	Ag	Mo	Bi	W
B 1	69-L-709	35	50	40	BLD	35	10	BLD
B 2	69-L-710	10	35	15	BLD	20	5	BLD
B 3	69-L-711	115	20	25	BLD	25	15	BLD
B 4	69-L-712	30	15	5	BLD	20	BLD	BLD
B 5	69-L-713	25	15	15	BLD	20	45	BLD
B 6	69-L-714	30	15	15	BLD	25	5	BLD
B 7	69-L-715	10	20	35	BLD	45	15	BLD
B 8	69-L-716	10	25	15	BLD	30	10	BLD
B 9	69-L-717	40	25	70	BLD	30	5	BLD
B 10	69-L-718	20	20	20	BLD	20	125	BLD
B 11	69-L-719	10	20	25	BLD	25	10	BLD
B 12	69-L-720	10	10	5	BLD	20	BLD	BLD
B 13	69-L-721	5	10	5	BLD	15	5	BLD
B 14	69-L-722	10	25	45	BLD	30	10	BLD
B 15	69-L-723	10	10	10	BLD	15	5	BLD
B 16	69-L-724	10	10	10	BLD	20	BLD	BLD
B 17	69-L-725	10	10	5	BLD	20	5	BLD
B 18	69-L-726	5	10	5	BLD	15	BLD	BLD
A 132	69-L-727	10	25	35	BLD	20	10	BLD
A 136	69-L-728	55	50	95	BLD	30	20	BLD
A 142	69-L-729	30	45	95	BLD	35	20	BLD
A 147	69-L-730	10	55	140	BLD	35	25	BLD
A 161	69-L-731	60	80	90	BLD	40	30	BLD
A 164	69-L-732	20	50	70	BLD	35	25	BLD
A 165	69-L-733	20	30	90	BLD	35	25	BLD
A 173	69-L-734	20	25	35	BLD	25	15	BLD
A 175	69-L-735	15	35	60	BLD	30	15	BLD
A 192	69-L-736	25	45	65	BLD	35	20	BLD
A 193	69-L-737	60	80	70	BLD	25	25	BLD
A 194	69-L-738	20	20	30	BLD	20	10	BLD
A 196	69-L-739	40	30	105	BLD	35	25	BLD
A 207	69-L-740	25	30	65	BLD	25	20	BLD
A 209	69-L-741	10	20	35	BLD	20	10	BLD
A 241 all?	69-L-742	5	20	25	BLD	20	10	BLD

METHODS: Cu, Pb, Zn, Ag by G.R.C. No. 1.

Mo, Bi by G.R.C. No. 2.

W by G.R.C. No. 4A.

B.L.D.: Below Limit of Detection

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# GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 000022

Project No. EL 6/68

938013

LAB. SHEET No. 29/1.

Rock Samples

DATE: 15th September, 1969.

SAMPLE No.		LAB. No.	Mo ppm	Bi ppm					
POP	E1	69-J-584	50	80					
POP	E2	69-J-585	100	130					
POP	E2/E3	69-J-586	750	215					
POP	E4	69-J-587	1250	110					
POP	E5	69-J-588	140	160					
POP	E6	69-J-589	100	350					
POP	E7	69-J-590	160	2075					
POP	E8	69-J-591	1000	5895					
POP	E9	69-J-592	290	1930					

-049

METHODS: G.R.C. No. 2

W to follow.

Chief Chemist



013.6

# GEOCHEMICAL LABORATORY REPORT 938014

FIELD SHEET No.: 000022

Project No. EL 6/68.

LAB. SHEET No.: 35/1.

DATE: 19th September, 1969.

SAMPLE No.	LAB. No.	GRC No. 4A		GRC No. 4B		me	Si		
		W ppm	Av.	W ppm	Av.				
POP E1	69-J-584	BLD	BLD	40	40	50	80		
		BLD		40					
POP E2	69-J-585	4.4%		5.0%		100	130		
			4.6%		4.8%				
		4.7%		4.7%					
POP E2/E3	69-J-586	2200		1930		750	215		
			2250		1960				
		2300		1980					
POP E4	69-J-587	200		230		1250	110		
			200		250				
		200		270					
POP E5	69-J-588	1300		1100		140	160		
			1300		1140				
		1300		1170					
POP E6	69-J-589	15.2%		14.6%		100	4350		
			15.5%		15.1%				
		15.8%		15.5%					
POP E7	69-J-590	7700		7050		160	2075		
			7650		6950				
		7600		6850					
POP E8	69-J-591	1.3%		1.3%		1000	5845		
			1.3%		1.3%				
		1.2%		1.3%					
POP E9	69-J-592	1.2%		1.2%		240	1930		
			1.2%		1.2%				
		1.1%		1.1%					

Geek to SE of mine

Ven 2

Ven 4

Ven 1

Ven 2

METHODS: AV: Average Result

BLD: Below Limit of Detection

Note: Analysis conducted on approx. -200 fraction Ground in Disc Mill.

Chief Chemist

TABLE 2

Assays DDH 1 -

Lab Sheet 200/1, 2 and 3

321/1

273/1, 2, 3, 4, 5 and 6

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# GEOCHEMICAL LABORATORY REPORT 938016

FIELD SHEET No.: 001155

Project No. EL6/68

CONSTABLES CK. NO. 1

LAB. SHEET No.: 200/1.

DDH Core

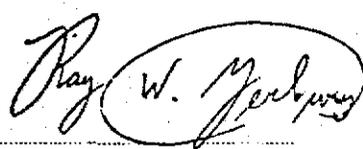
DATE: 9th March, 1970.

Cu ppm      As ppm      Mo ppm      Bi ppm

SAMPLE No.	LAB. No.		Av.		Av.		Av.		Av.
134' 1" - 135' 10"	70-B-933	40		BLD		25		20	
		40	40	BLD	BLD	25	25	20	20
138' 0" - 141' 2"	70-B-934	--	--	--	--	75		510	
		--	--	--	--	75	75	510	510
147' 1" - 148' 0"	70-B-935	--	--	--	--	40		105	
		--	--	--	--	40	40	100	105
183' 0" - 186' 10"	70-B-936	--	--	--	--	25		40	
		--	--	--	--	25	25	40	40
187' 2" - 187' 8"	70-B-937	--	--	--	--	45		20	
		--	--	--	--	45	45	20	20
197' 5" - 198' 5"	70-B-938	445		BLD		45		20	
		445	445	BLD	BLD	45	45	20	20
254' 4" - 258' 3"	70-B-939	--	--	--	--	25		40	
		--	--	--	--	25	25	40	40
261' 4" - 262' 6 1/2"	70-B-940	--	--	--	--	35		85	
		--	--	--	--	35	35	85	85
277' 7" - 278' 11"	70-B-941	--	--	--	--	125		165	
		--	--	--	--	120	125	165	165
346' 7" - 347' 8"	70-B-942	--	--	--	--	20		BLD	
		--	--	--	--	20	20	BLD	BLD
348' 1" - 356' 7"	70-B-943	--	--	--	--	25		BLD	
		--	--	--	--	25	25	BLD	BLD
356' 7" - 359' 0"	70-B-944	--	--	--	--	25		45	
		--	--	--	--	25	25	45	45

METHODS: Cu by G.R.C. No. 100.  
 As by G.R.C. No. 104.  
 Mo, Bi by G.R.C. No. 102.  
 W by G.R.C. No. 106.  
 Sn by G.R.C. No. 103.  
 Au by G.R.C. No. 13.

B.L.D: Below Limit of Detection.

  
 Chief Chemist

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# GEOCHEMICAL LABORATORY REPORT

938017

FIELD SHEET No. 001155

Project No. EL6/68

LAB. SHEET No. 200/2

DDH Core

DATE: 9th March, 1970.

Cu ppm

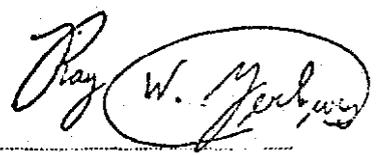
As ppm

Mo

Bi ppm

SAMPLE No.	LAB. No.		Av.		Av.		Av.		Av.
390' 10" - 391' 4"	70-B-9+8	--	--	--	--	15	15	BLD	BLD
		--	--	--	--	15		BLD	

METHODS:

  
 Chief Chemist

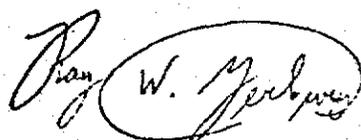
# GEOCHEMICAL LABORATORY REPORT 938018

FIELD SHEET No. 00.1155 Project No. EL6/68. CONSTABLES CR. No. 1

LAB. SHEET No. 200/3. DDH Core. DATE: 9th March, 1970.  
W % Sn % Au ppm

SAMPLE No.	LAB. No.		Av.	Av.	Av.		
134' 1" - 135' 10"	70-B-933	BLD	BLD	BLD	BLD		
		BLD	BLD	BLD	BLD		
138' 0" - 141' 2"	70-B-934	BLD	BLD	BLD	--		
		BLD	BLD	BLD	--		
147' 1" - 148' 0"	70-B-935	BLD	BLD	BLD	--		
		BLD	BLD	BLD	--		
183' 0" - 186' 10"	70-B-936	BLD	BLD	BLD	--		
		BLD	BLD	BLD	--		
187' 2" - 187' 8"	70-B-937	BLD	BLD	BLD	--		
		BLD	BLD	BLD	--		
197' 5" - 198' 5"	70-B-938	BLD	BLD	BLD	BLD		
		BLD	BLD	BLD	BLD	BLD	
254' 4" - 258' 3"	70-B-939	BLD	BLD	BLD	--		
		BLD	BLD	BLD	--		
261' 4" - 262' 6 1/2"	70-B-940	BLD	BLD	BLD	--		
		BLD	BLD	BLD	--		
277' 7" - 278' 11"	70-B-941	BLD	0.01	0.01	--		
		BLD	0.01	0.01	--		
346' 7" - 347' 8"	70-B-942	BLD	BLD	BLD	--		
		BLD	BLD	BLD	--		
348' 1" - 356' 7"	70-B-943	BLD	0.01	0.01	--		
		BLD	0.01	0.01	--		
356' 7" - 359' 0"	70-B-944	BLD	0.04	0.04	--		
		BLD	0.04	0.04	--		

METHODS:

  
Chief Chemist

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GEOCHEMICAL LABORATORY REPORT 938019

FIELD SHEET No.: 001182 PROJECT No.: EL 6/68 - CONSTABLES CK. D.D.H. 1

LAB. SHEET No.: 321/1 SAMPLE TYPE: D.D.H. CORE DATE: 22nd June, 1970.

SAMPLE No.	LAB. No.	Cu ppm	Mo ppm	Bi ppm	N %	Sn %
224'6"-233'6"	70-E-1213	10	20	20	BLD	BLD
233'6"-243'3"	70-E-1214	10	BLD	25	BLD	BLD
243'3"-252'0"	70-E-1215	BLD	BLD	20	BLD	BLD
252'0"-254'4"	70-E-1216	10	BLD	15	BLD	0.05
255'9"-256'1"	70-E-1217	BLD	BLD	20	BLD	BLD
258'3"-261'4 $\frac{1}{2}$ "	70-E-1218	BLD	BLD	25	BLD	BLD
262'6 $\frac{1}{2}$ "-265'11"	70-E-1219	10	BLD	10	BLD	BLD
265'11"-275'7"	70-E-1220	10	BLD	15	BLD	0.05
275'7"-277'7"	70-E-1221	BLD	BLD	15	BLD	BLD
278'11"-286'9"	70-E-1222	BLD	BLD	15	BLD	0.05
286'9"-295'4"	70-E-1223	BLD	BLD	15	BLD	BLD
295'4"-304'10"	70-E-1224	BLD	BLD	BLD	BLD	BLD
305'2"-314'9"	70-E-1225	BLD	BLD	BLD	BLD	BLD
314'9"-322'7"	70-E-1226	BLD	BLD	BLD	BLD	BLD
322'7"-332'4"	70-E-1227	BLD	BLD	15	BLD	BLD
332'4"-342'0"	70-E-1228	BLD	BLD	BLD	BLD	BLD
342'0"-346'7"	70-E-1229	10	BLD	BLD	BLD	BLD
347'8"-353'0"	70-E-1230	10	BLD	BLD	BLD	BLD
361'8"-370'10"	70-E-1231	15	BLD	BLD	BLD	BLD
370'10"-379'0"	70-E-1232	10	BLD	BLD	BLD	BLD
379'9"-383'6"	70-E-1233	10	BLD	BLD	BLD	BLD
384'5"-389'10"	70-E-1234	10	BLD	15	BLD	0.05
391'4"-399'9"	70-E-1235	15	BLD	BLD	BLD	BLD
399'9"-409'8"	70-E-1236	50	BLD	BLD	BLD	BLD
409'8"-414'6"	70-E-1237	10	BLD	BLD	BLD	BLD

METHODS: Cu, by GRC.100

Mo, Bi, by GRC 102

N, by GRC 106

Sn, by GRC 6A



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B.L.D.: Below Limit of Detection

Chief Chemist

*Ray W. Zerkow*

019

# GEOCHEMICAL LABORATORY REPORT 938020

FIELD SHEET No.: 001180 PROJECT No.: EL6/68 Constables Creek.

LAB. SHEET No.: 273/1. SAMPLE TYPE DDH Core 1 DATE: 21st May, 1970.

SAMPLE No.	LAB. No.	Cu ppm		Mo ppm		Bi ppm		W %
			Av		Av		Av	
10' - 19' 10"	70-E-880	35		95		10		BLD
			35		95		10	
19' 10" - 28' 9"	70-E-881	125		60		20		BLD
			125		60		20	
28' 9" - 37' 6"	70-E-882	55		40		15		BLD
			55		40		15	
37' 6" - 47'	70-E-883	55		40		30		BLD
			60		40		30	
47' - 55' 8"	70-E-884	40		60		15		BLD
			40		60		15	
55' 8" - 65'	70-E-885	20		85		15		BLD
			20		85		15	
65' - 74' 3"	70-E-886	30		40		15		BLD
			30		40		15	
74' 3" - 84' 4"	70-E-887	270		85		25		BLD
			270		85		25	
84' 4" - 93'	70-E-888	100		60		20		BLD
			100		60		20	
93' - 101' 7"	70-E-889	50		75		15		BLD
			50		75		15	
101' 7" - 110' 8"	70-E-890	30		85		15		BLD
			30		85		15	
110' 8" - 119' 10"	70-E-891	20		75		15		BLD
			20		75		15	

METHODS: Cu by G.R.C. No. 100.  
 Mo, Bi by G.R.C. No. 102.  
 W by G.R.C. No. 106.  
 Sn by G.R.C. No. 6A.

B.L.D.: Below Limit of Detection.



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Chief Chemist

*Ray W. Gerbany*

# GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 001180 PROJECT No.: EL6/68 Constables Creek.

938021

LAB. SHEET No.: 273/2. SAMPLE TYPE: DDH Core 1 DATE: 21st May, 1970.

SAMPLE No.	LAB. No.	Cu ppm		Mo ppm		Bi ppm		W %
			Av		Av		Av	
119' 10" - 129' 6"	70-E-892	20		75		25		BLD
			20		75		25	
129' 6" - 132' 8"	70-E-893	BLD		50		15		BLD
		BLD	BLD		50		15	
132' 8" - 134' 1"	70-E-894	95		60		20		BLD
			95		60		20	
135' 10" - 138' 6"	70-E-895	65		75		145		BLD
			65		75		145	
141' 2" - 143' 1"	70-E-896	BLD		50		100		BLD
		BLD	BLD		50		100	
143' 1" - 147' 1"	70-E-897	BLD		30		BLD		BLD
		BLD	BLD		30		BLD	
148' - 153'	70-E-898	BLD		20		20		BLD
		BLD	BLD		20		20	
153' - 162' 7"	70-E-899	BLD		40		15		BLD
		BLD	BLD		40		15	
162' 7" - 172' 3"	70-E-900	BLD		20		BLD		BLD
		BLD	BLD		20		BLD	
172' 3" - 181' 4"	70-E-901	20		20		BLD		BLD
			20		20		BLD	
181' 4" - 195' 7"	70-E-902	15		20		BLD		BLD
			15		20		BLD	
195' 7" - 197' 5"	70-E-903	50		30		BLD		BLD
			50		30		BLD	

**METHODS:**



This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Chief Chemist

*Ray W. Zedler*

# GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 001180 PROJECT No.: EL6/68 Constable Creek.

938022

LAB. SHEET No.: 273/3. SAMPLE TYPE DDH Core 1 DATE: 21st May, 1970.

SAMPLE No.	LAB. No.	Cu ppm		Mo ppm		Bi ppm		W %	
			AV		AV		AV		AV
198'5"-205'9"	70-E-904	10		20		15			
			10		20		15		BLD
205'9"-215'	70-E-905	BLD		20		BLD		BLD	
			BLD		20		BLD		BLD
215'-224'6"	70-E-906	BLD		20		15			
			BLD		20		15		BLD

**METHODS:**



This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Chief Chemist

*Ray W. Zerkow*

**GEOCHEMICAL LABORATORY REPORT**

FIELD SHEET No.: 001180 PROJECT No. EL6/68 Constable Creek. 938023

LAB. SHEET No.: 273/4. SAMPLE TYPE DDH Core 1 DATE: 21st May, 1970.

SAMPLE No.	LAB. No.	Sn %		Au					
			AV		AV				
10' - 19' 10"	70-E-880	BLD		BLD					
		BLD	BLD	BLD	BLD				
19' 10" - 28' 9"	70-E-881	BLD		BLD					
		BLD	BLD	BLD	BLD				
28' 9" - 37' 6"	70-E-882	BLD		BLD					
		BLD	BLD	BLD	BLD				
37' 6" - 47'	70-E-883	BLD		BLD					
		BLD	BLD	BLD	BLD				
47' - 55' 8"	70-E-884	BLD		BLD					
		BLD	BLD	BLD	BLD				
55' 8" - 65'	70-E-885	BLD		BLD					
		BLD	BLD	BLD	BLD				
65' - 74' 3"	70-E-886	BLD		BLD					
		BLD	BLD	BLD	BLD				
74' 3" - 84' 4"	70-E-887	BLD		BLD					
		BLD	BLD	BLD	BLD				
84' 4" - 93'	70-E-888	BLD		BLD					
		BLD	BLD	BLD	BLD				
93' - 101' 7"	70-E-889	BLD		BLD					
		BLD	BLD	BLD	BLD				
101' 7" - 110' 8"	70-E-890	BLD		BLD					
		BLD	BLD	BLD	BLD				
110' 8" - 119' 10"	70-E-891	BLD		BLD					
		BLD	BLD	BLD	BLD				

**METHODS:**



This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Chief Chemist

*Ray W. Zepher*

# GEOCHEMICAL LABORATORY REPORT

938024

FIELD SHEET No. 001180 PROJECT No. EL6/68. Constable Creek

LAB. SHEET No. 273/5. SAMPLE TYPE: DDH Core 1 DATE: 21st May, 1970.

SAMPLE No.	LAB. No.	Sn %		Au					
		AV		AV					
119' 10" - 129' 6" 70-E-892		BLD	BLD	BLD	BLD				
		BLD	BLD	BLD	BLD				
129' 6" - 132' 8" 70-E-893		BLD	BLD	BLD	BLD				
		BLD	BLD	BLD	BLD				
132' 8" - 134' 1" 70-E-894		BLD	BLD	BLD	BLD				
		BLD	BLD	BLD	BLD				
135' 10" - 138' 6" 70-E-895		BLD	BLD	BLD	BLD				
		BLD	BLD	BLD	BLD				
141' 2" - 143' 1" 70-E-896		BLD	BLD	BLD	BLD				
		BLD	BLD	BLD	BLD				
143' 1" - 147' 1" 70-E-897		BLD	BLD	BLD	BLD				
		BLD	BLD	BLD	BLD				
148' - 153' 70-E-898		BLD	BLD	BLD	BLD				
		BLD	BLD	BLD	BLD				
153' - 162' 7" 70-E-899		BLD	BLD	BLD	BLD				
		BLD	BLD	BLD	BLD				
162' 7" - 172' 3" 70-E-900		BLD	BLD	BLD	BLD				
		BLD	BLD	BLD	BLD				
172' 3" - 181' 4" 70-E-901		BLD	BLD	BLD	BLD				
		BLD	BLD	BLD	BLD				
181' 4" - 195' 7" 70-E-902		BLD	BLD	BLD	BLD				
		BLD	BLD	BLD	BLD				
195' 7" - 197' 5" 70-E-903		BLD	BLD	BLD	BLD				
		BLD	BLD	BLD	BLD				

**METHODS:**



This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Chief Chemist

*Ray W. Gerbasi*

024

# GEOCHEMICAL LABORATORY REPORT 938025

FIELD SHEET No.: 001180 PROJECT No.: EL6/68 Constable Creek.

LAB. SHEET No.: 273/6. SAMPLE TYPE DDH Core 1 DATE: 21st May, 1970.

SAMPLE No.	LAB. No.	Sn %	Au	AV	AV			
198' 5" - 205' 9"	70-E-904	BLD		BLD	BLD			
		BLD		BLD	BLD			
205' 9" - 215'	70-E-905	BLD		BLD	BLD			
		BLD		BLD	BLD			
215' - 224' 6"	70-E-906	BLD		BLD	BLD			
		BLD		BLD	BLD			

**METHODS:**



This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Chief Chemist Ray W. Zerkow

0251

938026

TABLE 3

Assays DDH ~~72~~-

240/1 - 12 inclusive.

321/2

# GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 001164 PROJECT No. EL6/68

938027

LAB. SHEET No. 240/1 SAMPLE TYPE DDH Core 2 DATE 17th April, 1970.

SAMPLE No.	LAB. No.	Cu ppm		As %		Mo ppm		Bi ppm	
		Av.		Av.		Av.		Av.	
19'6"-21'2"	70-C-347	BLD		BLD		20		70	
		BLD	BLD	BLD	BLD	20	20	65	70
21'2"-22'8"	70-C-348	10		0.04		20		90	
		10	10	0.04	0.04	20	20	90	90
22'8"-24'2"	70-C-349	80		0.26		20		20	
		80	80	0.26	0.26	20	20	20	20
24'2"-25'8"	70-C-350	20		0.08		20		30	
		20	20	0.08	0.08	20	20	30	30
25'8"-27'2"	70-C-351	10		0.02		200		225	
		10	10	0.02	0.08	200	200	225	225
27'2"-29'	70-C-352	20		0.04		60		110	
		20	20	0.04	0.04	75	70	110	110
29'-31'	70-C-353	15		0.04		60		95	
		15	15	0.04	0.04	55	60	100	100
31'-32'6"	70-C-354	50		0.02		20		95	
		50	50	0.02	0.02	20	20	95	95
32'6"-33'10"	70-C-355	55		0.01		40		165	
		55	55	0.01	0.01	40	40	165	165
33'10"-35'3"	70-C-356	95		0.03		20		100	
		95	95	0.03	0.03	20	20	100	100
35'3"-37'	70-C-357	620		0.30		85		140	
		620	620	0.30	0.30	85	85	140	140
37'-39'	70-C-358	550		0.04		100		335	
		555	555	0.04	0.04	100	100	335	335

METHODS: Cu, Cd by G.R.C. No. 100.

As by G.R.C. No. 104.

Mo, Bi by G.R.C. No. 102.

Sb by G.R.C. No. 107.

W by G.R.C. No. 106.

Sn by G.R.C. No. 103.

Au by G.R.C. No. 13.

B.L.D: Below Limit of Detection.

Chief Chemist



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*Ray W. Zedler*  
Chief Chemist

# GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 001164 PROJECT No. EL6/68

938028

LAB. SHEET No. 240/2 SAMPLE TYPE: DDH Core DATE: 17th April, 1970.

SAMPLE No.	LAB. No.	Cu ppm		As %		Mo ppm		Bi ppm	
			Av.		Av.		Av.		Av.
39' -41' 7"	70-C-359	85	85	0.02	0.02	70	65	290	290
		85		60		290			
42' 11" -43' 9 1/2"	70-C-360	BLD	BLD	BLD	BLD	30	30	235	235
		BLD		30		235			
47' -48' 11"	70-C-361	20	20	BLD	BLD	BLD	BLD	165	165
		20		BLD		165			
48' 11" -49' 4"	70-C-362	BLD	BLD	BLD	BLD	30	30	175	180
		BLD		30		180			
51' 2" -52' 1"	70-C-363	BLD	BLD	BLD	BLD	BLD	BLD	60	60
		BLD		BLD		60			
66' 7" -68' 7"	70-C-364	10	10	BLD	BLD	BLD	BLD	20	20
		10		BLD		20			
68' 7" -71'	70-C-365	180	185	BLD	BLD	BLD	BLD	35	35
		185		BLD		30			
77' 1" -79'	70-C-366	110	110	BLD	BLD	BLD	BLD	40	40
		110		BLD		40			
84' 3" -86' 3"	70-C-367	15	15	BLD	BLD	BLD	BLD	50	50
		15		BLD		50			
86' 3" -87' 10"	70-C-368	15	15	BLD	BLD	30	30	65	65
		15		BLD		30		65	
94' 1 1/2" -96'	70-C-369	BLD	BLD	BLD	BLD	40	40	310	310
		BLD		BLD		310			
96' -97' 10"	70-C-370	15	15	BLD	BLD	265	265	750	750
		15		BLD		265		750	

**METHODS:**



This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Chief Chemist

*Ray W. Zerkow*

# GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 001164 PROJECT No. EL6/68

938029

LAB. SHEET No. 240/3 SAMPLE TYPE DDH Core DATE 17th April, 1970

SAMPLE No.	LAB. No.	Cu ppm		As %		Mo ppm		Bi ppm	
		Av.	Av.	Av.	Av.	Av.	Av.	Av.	Av.
101'6"-103'4" 70-C-371		15	BLD	BLD	BLD	95			
		15	BLD	BLD	BLD	100			100
105'6"-107'8" 70-C-372		BLD	BLD	BLD	30	80			
		BLD	BLD	BLD	20	80	25		80
115'1"-118' 70-C-373		BLD	BLD	BLD	BLD	20			
		BLD	BLD	BLD	BLD	20			20
128' -128'9" 70-C-374		BLD	BLD	BLD	40	65			
		BLD	BLD	BLD	45	65	45		65
130'6"-131'11" 70-C-375		BLD	BLD	BLD	30	100			
		BLD	BLD	BLD	30	100	30		100
133' -134'5" 70-C-376		BLD	BLD	BLD	45	170			
		BLD	BLD	BLD	45	175	45		175
135' -135'11" 70-C-377		20	BLD	BLD	20	65			
		20	BLD	BLD	20	65	20		65
161'11"-163'10" 70-C-378		BLD	BLD	BLD	20	30			
		BLD	BLD	BLD	20	30	20		30
167'11"-168'9" 70-C-379		150	BLD	BLD	20	25			
		150	BLD	BLD	20	30	20		30
170'8"-172'8" 70-C-380		35	BLD	BLD	20	570			
		40	BLD	BLD	20	570	20		570
187' -188' 70-C-381		BLD	BLD	BLD	20	40			
		BLD	BLD	BLD	20	40	20		40
188'8"-189'9" 70-C-382		BLD	BLD	BLD	20	35			
		BLD	BLD	BLD	20	35	20		35

METHODS:



This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Chief Chemist

*Ray W. M. J. J. J.*

# GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 001164 PROJECT No. EL6/68

938030

LAB. SHEET No. 240/4 SAMPLE TYPE: DDH Core DATE: 17th April, 1970

SAMPLE No.	LAB. No.	Cu ppm		As %		Mo ppm		Bi ppm	
			Av.		Av.		Av.		Av.
191'9"-192'8"70-C-383		130		BLD		45		55	
			130	BLD	BLD		45		55
192'8"-193'70-C-384		20		BLD		20		65	
			20	BLD	BLD		20		65
195'3"-196'2"70-C-385		BLD		BLD		20		65	
			BLD	BLD	BLD		20		65
201'7"-202'3"70-C-386		BLD		BLD		20		65	
			BLD	BLD	BLD		20		65

**METHODS:**



This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Chief Chemist

*Ray W. Zedler*

# GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 001164 PROJECT No. EL6/68

938031

LAB. SHEET No. 240/5 SAMPLE TYPE DDH Core DATE 17th April, 1970

SAMPLE No.	LAB. No.	Cd ppm		Sb ppm		W %		Sn %	
			Av.		Av.		Av.		Av.
19'6"-21'2"	70-C-347	BLD	BLD	BLD	BLD	BLD	BLD	BLD	BLD
		BLD	BLD	BLD	BLD	BLD	BLD	BLD	BLD
21'2"-22'8"	70-C-348	BLD	BLD	BLD	BLD	BLD	BLD	BLD	BLD
		BLD	BLD	BLD	BLD	BLD	BLD	BLD	BLD
22'8"-24'2"	70-C-349	BLD	BLD	BLD	BLD	BLD	BLD	BLD	BLD
		BLD	BLD	BLD	BLD	BLD	BLD	BLD	BLD
24'2"-25'8"	70-C-350	BLD	BLD	BLD	BLD	BLD	BLD	BLD	BLD
		BLD	BLD	BLD	BLD	BLD	BLD	BLD	BLD
25'8"-27'2"	70-C-351	BLD	BLD	BLD	BLD	0.05	0.05	BLD	BLD
		BLD	BLD	BLD	BLD	0.05	0.05	BLD	BLD
27'2"-29'	70-C-352	BLD	BLD	BLD	BLD	BLD	BLD	BLD	BLD
		BLD	BLD	BLD	BLD	BLD	BLD	BLD	BLD
29'-31'	70-C-353	BLD	BLD	BLD	BLD	BLD	BLD	BLD	BLD
		BLD	BLD	BLD	BLD	BLD	BLD	BLD	BLD
31'-32'6"	70-C-354	25	25	BLD	BLD	BLD	BLD	BLD	BLD
		25	25	BLD	BLD	BLD	BLD	BLD	BLD
32'6"-33'10"	70-C-355	10	10	BLD	BLD	BLD	BLD	BLD	BLD
		10	10	BLD	BLD	BLD	BLD	BLD	BLD
33'10"-35'3"	70-C-356	45	45	BLD	BLD	BLD	BLD	BLD	BLD
		45	45	BLD	BLD	BLD	BLD	BLD	BLD
35'3"-37'	70-C-357	BLD	BLD	BLD	BLD	BLD	BLD	0.04	0.04
		BLD	BLD	BLD	BLD	BLD	BLD	0.04	0.04
37'-39'	70-C-358	BLD	BLD	BLD	BLD	BLD	BLD	0.01	0.01
		BLD	BLD	BLD	BLD	BLD	BLD	0.01	0.01

METHODS:



This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Chief Chemist

*Ray W. Jenkins*

# GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 001164 PROJECT No.: EL6/68

938032

LAB. SHEET No.: 240/6. SAMPLE TYPE: DDH Core DATE: 17th April, 1970.

SAMPLE No.	LAB. No.	Cd ppm		Sb ppm		W %		Sn %	
			Av.		Av.		Av.		Av.
39' - 41' 7"	70-C-359	10		BLD		BLD		BLD	
			10	BLD		BLD		BLD	
42' 11" - 43' 2 1/2"	70-C-360	BLD		BLD		BLD		BLD	
		BLD	BLD	BLD		BLD		BLD	BLD
47' - 48' 11"	70-C-361	BLD		BLD		BLD		BLD	
		BLD	BLD	BLD		BLD		BLD	BLD
48' 11" - 49' 4"	70-C-362	BLD		BLD		0.10		BLD	
		BLD	BLD	BLD		0.10	0.10	BLD	BLD
51' 2" - 52' 1"	70-C-363	BLD		BLD		BLD		BLD	
		BLD	BLD	BLD		BLD		BLD	BLD
66' 7" - 68' 7"	70-C-364	BLD		BLD		BLD		BLD	
		BLD	BLD	BLD		BLD		BLD	BLD
68' 7" - 71'	70-C-365	15		BLD		BLD		BLD	
			15	BLD		BLD		BLD	BLD
71' 1" - 79'	70-C-366	BLD		BLD		BLD		BLD	
		BLD	BLD	BLD		BLD		BLD	BLD
83' 3" - 86' 3"	70-C-367	BLD		BLD		BLD		BLD	
		BLD	BLD	BLD		BLD		BLD	BLD
86' 3" - 87' 10"	70-C-368	BLD		BLD		BLD		BLD	
		BLD	BLD	BLD		BLD		BLD	BLD
94' 1 1/2" - 96'	70-C-369	BLD		BLD		0.05		BLD	
		BLD	BLD	BLD		0.05	0.05	BLD	BLD
96' - 97' 10"	70-C-370	BLD		BLD		BLD		BLD	
		BLD	BLD	BLD		BLD		BLD	BLD

METHODS:



This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Chief Chemist

*Ray W. Zedler*

# GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 001164 PROJECT No. EL6/68

938033

LAB. SHEET No. 240/7. SAMPLE TYPE DDH Core DATE 17th April, 1970.

Cd ppm      Sb ppm      W %      Sn %

SAMPLE No.	LAB. No.	Av.	Av.	Av.	Av.	Av.	Av.
101'6"-103'4"70-C-371		BLD	BLD	BLD	BLD	BLD	BLD
		BLD	BLD	BLD	BLD	BLD	BLD
105'6"-107'8"70-C-372		BLD	BLD	BLD	BLD	BLD	BLD
		BLD	BLD	BLD	BLD	BLD	BLD
115'1"-118'70-C-373		BLD	BLD	BLD	BLD	BLD	BLD
		BLD	BLD	BLD	BLD	BLD	BLD
128'-128'9"70-C-374		BLD	BLD	BLD	BLD	BLD	BLD
		BLD	BLD	BLD	BLD	BLD	BLD
130'6"-131'11"70-C-375		BLD	BLD	BLD	BLD	BLD	BLD
		BLD	BLD	BLD	BLD	BLD	BLD
133'-134'5"70-C-376		BLD	BLD	BLD	0.05	BLD	BLD
		BLD	BLD	BLD	0.05	0.05	BLD
135'-135'11"70-C-377		BLD	BLD	BLD	BLD	BLD	BLD
		BLD	BLD	BLD	BLD	BLD	BLD
161'11"-163'10"70-C-378		BLD	BLD	BLD	BLD	BLD	BLD
		BLD	BLD	BLD	BLD	BLD	BLD
167'11"-168'9"70-C-379		BLD	BLD	BLD	BLD	BLD	BLD
		BLD	BLD	BLD	BLD	BLD	BLD
170'8"-172'8"70-C-380		BLD	BLD	BLD	BLD	BLD	BLD
		BLD	BLD	BLD	BLD	BLD	BLD
187'-188'70-C-381		BLD	BLD	BLD	BLD	BLD	BLD
		BLD	BLD	BLD	BLD	BLD	BLD
188'8"-189'9"70-C-382		BLD	BLD	BLD	BLD	BLD	BLD
		BLD	BLD	BLD	BLD	BLD	BLD

METHODS:



This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Chief Chemist

*Ray W. J. [Signature]*

# GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 001164 PROJECT No.: EL6/68

938034

LAB. SHEET No.: 240/8 SAMPLE TYPE: DDH Core DATE: 17th April, 1970

SAMPLE No.	LAB. No.	Cd ppm		Sb ppm		W %		Sn %	
			Av.		Av.		Av.		Av.
191'9"-192'8"	70-C-383	BLD	BLD	BLD	BLD	BLD	BLD	BLD	BLD
		BLD	BLD	BLD	BLD	BLD	BLD	BLD	BLD
192'8"-193'	70-C-384	BLD	BLD	BLD	BLD	BLD	BLD	BLD	BLD
		BLD	BLD	BLD	BLD	BLD	BLD	BLD	BLD
195'3"-196'2"	70-C-385	BLD	BLD	BLD	BLD	BLD	BLD	BLD	BLD
		BLD	BLD	BLD	BLD	BLD	BLD	BLD	BLD
201'7"-202'3"	70-C-386	BLD	BLD	BLD	BLD	BLD	BLD	BLD	BLD
		BLD	BLD	BLD	BLD	BLD	BLD	BLD	BLD

**METHODS:**



This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Chief Chemist

*Ray W. Zerkow*

U34

# GEOCHEMICAL LABORATORY REPORT

938035

FIELD SHEET No.: 001164 PROJECT No.: EL6/68

LAB. SHEET No.: 240/9 SAMPLE TYPE: DDH Core DATE: 17th April, 1970

Au ppm

SAMPLE No.	LAB. No.	Av.					
19'6"-21'2"	70-C-347	BLD					
		BLD	BLD				
21'2"-22'8"	70-C-348	BLD					
		BLD	BLD				
22'8"-24'2"	70-C-349	BLD					
		BLD	BLD				
24'2"-25'8"	70-C-350	BLD					
		BLD	BLD				
25'8"-27'2"	70-C-351	BLD					
		BLD	BLD				
27'2"-29'	70-C-352	BLD					
		BLD	BLD				
29'-31'	70-C-353	BLD					
		BLD	BLD				
31'-32'6"	70-C-354	BLD					
		BLD	BLD				
32'6"-33'10"	70-C-355	BLD					
		BLD	BLD				
33'10"-35'3"	70-C-356	BLD					
		BLD	BLD				
35'3"-37'	70-C-357	BLD					
		BLD	BLD				
37'-39'	70-C-358	BLD					
		BLD	BLD				

METHODS:



This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Chief Chemist

*Ray W. Zedberg*

# GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 001164 PROJECT No. EL6/68

938036

LAB. SHEET No. 240/10 SAMPLE TYPE: DDH Core DATE: 17th April, 1970.

Au ppm

SAMPLE No.	LAB. No.		Av.				
39' - 41' 7"	70-C-359	BLD	BLD				
		BLD					
42' 11" - 43' 9 1/2"	70-C-360	BLD	BLD				
		BLD					
47' - 48' 11"	70-C-361	BLD	BLD				
		BLD					
48' 11" - 49' 4"	70-C-362	BLD	BLD				
		BLD					
51' 2" - 52' 1"	70-C-363	BLD	BLD				
		BLD					
66' 7" - 68' 7"	70-C-364	BLD	BLD				
		BLD					
68' 7" - 71'	70-C-365	BLD	BLD				
		BLD					
77' 1" - 79'	70-C-366	BLD	BLD				
		BLD					
84' 3" - 86' 3"	70-C-367	BLD	BLD				
		BLD					
86' 3" - 87' 10"	70-C-368	BLD	BLD				
		BLD					
94' 1 1/2" - 96'	70-C-369	BLD	BLD				
		BLD					
96' - 97' 10"	70-C-370	BLD	BLD				
		BLD					

**METHODS:**



This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Chief Chemist

*Ray W. Zedler*

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# GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 001164 PROJECT No. EL 6/68

938037

LAB. SHEET No. 240/11 SAMPLE TYPE: DDH Core DATE: 17th April, 1970

Au ppm

SAMPLE No.	LAB. No.		Av.				
101'6"-103'4"	70-C-371	BLD	BLD				
		BLD					
105'6"-107'8"	70-C-372	BLD	BLD				
		BLD					
115'1"-118'	70-C-373	BLD	BLD				
		BLD					
128'-128'9"	70-C-374	BLD	BLD				
		BLD					
130'6"-131'11"	70-C-375	BLD	BLD				
		BLD					
133'-134'5"	70-C-376	BLD	BLD				
		BLD					
135'-135'11"	70-C-377	BLD	BLD				
		BLD					
161'11"-163'10"	70-C-378	BLD	BLD				
		BLD					
167'11"-168'9"	70-C-379	BLD	BLD				
		BLD					
170'8"-172'8"	70-C-380	BLD	BLD				
		BLD					
187'-188'	70-C-381	BLD	BLD				
		BLD					
188'8"-189'9"	70-C-382	BLD	BLD				
		BLD					

METHODS:



This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Chief Chemist

*Ray W. Zepher*

# GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 001164 PROJECT No.: EL6/68

938038

LAB. SHEET No.: 240/12 SAMPLE TYPE: DDH Core DATE: 17th April, 1970.

SAMPLE No.	LAB. No.	Au ppm						
			Av.					
191'9"-192'8"	70-C-383	BLD						
		BLD	BLD					
192'8"-193'	70-C-384	BLD						
		BLD	BLD					
195'3"-196'2"	70-C-385	BLD						
		BLD	BLD					
201'7"-202'3"	70-C-386	BLD						
		BLD	BLD					

**METHODS:**



This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Chief Chemist

*Ray W. Zedler*

# GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 001183 PROJECT No.: EL 6/68 CONSTABLES CREEK D.D.H.2

938039

LAB. SHEET No.: 321/2 SAMPLE TYPE: D.D.H. CORE DATE: 22nd June, 1970

SAMPLE No.	LAB. No.	Cu ppm	Mo ppm	Bi ppm	W %	Sn %			
16'0" - 19'6"	70-E-1238	35	BLD	10	BLD	BLD			
41'7" - 42'11"	70-E-1239	20	BLD	240	BLD	BLD			
43'9 <sup>1</sup> / <sub>2</sub> " - 47'0"	70-E-1240	70	BLD	230	BLD	BLD			
49'4" - 56'7"	70-E-1241	10	BLD	70	BLD	BLD			
56'7" - 61'0"	70-E-1242	30	BLD	40	BLD	BLD			
61'0" - 66'7"	70-E-1243	20	BLD	30	BLD	BLD			
71'0" - 77'1"	70-E-1244	105	BLD	40	BLD	BLD			
79'0" - 84'3"	70-E-1245	40	BLD	45	BLD	BLD			
87'10" - 94'1 <sup>1</sup> / <sub>2</sub> "	70-E-1246	25	BLD	40	BLD	BLD			
97'10" - 101'6"	70-E-1247	10	45	130	BLD	BLD			
103'4" - 105'6"	70-E-1248	BLD	BLD	25	BLD	BLD			
107'8" - 113'0"	70-E-1249	10	BLD	15	BLD	BLD			
113'0" - 115'1"	70-E-1250	BLD	BLD	BLD	BLD	BLD			
118'0" - 123'0"	70-E-1251	BLD	BLD	30	BLD	BLD			
123'0" - 130'6"	70-E-1252	10	BLD	15	BLD	0.05			
131'11" - 133'0"	70-E-1253	10	BLD	50	BLD	BLD			
134'5" - 135'0"	70-E-1254	BLD	BLD	10	BLD	BLD			
135'11" - 140'0"	70-E-1255	BLD	BLD	BLD	BLD	BLD			
140'0" - 149'1"	70-E-1256	BLD	BLD	BLD	BLD	BLD			
149'1" - 158'9"	70-E-1257	BLD	BLD	BLD	BLD	BLD			
158'9" - 161'11"	70-E-1258	10	BLD	BLD	BLD	BLD			
163'10" - 170'8"	70-E-1259	BLD	BLD	BLD	BLD	0.05			
172'8" - 180'6"	70-E-1260	65	BLD	BLD	BLD	BLD			
180'6" - 187'0"	70-E-1261	10	BLD	BLD	BLD	BLD			
187'0" - 188'8"	70-E-1262	BLD	BLD	10	BLD	BLD			
189'9" - 191'9"	70-E-1263	BLD	BLD	15	BLD	BLD			
193'0" - 195'3"	70-E-1264	BLD	BLD	10	BLD	BLD			
196'2" - 201'7"	70-E-1265	BLD	BLD	BLD	BLD	BLD			
202'3" - 203'0"	70-E-1266	BLD	BLD	BLD	BLD	BLD			

METHODS: Cu, by GRC.100  
 Mo, Bi, by GRC.102  
 W, by GRC.106  
 Sn, by GRC.6A



This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

B.L.D: Below Limit of Detection

Chief Chemist

*Ray W. Gerbany*

TABLE 4

Assays DDH 3 -  
261/1 - 7 inclusive

SAMPLE No.	LAB. No.	Cu ppm		Mo ppm		Bi ppm		W %	
			Av		Av		Av		Av
10'6"-13'0"	70-D-624	10		20		50			
			10		20		50		BLD
13'1"-23'2"	70-D-625	BLD		BLD		50			
			BLD		BLD		50		BLD
23'2"-33'4"	70-D-626	BLD		20		20			
			BLD		20		20		0.05
33'4"-43'6"	70-D-627	BLD		20		10			
			BLD		20		10		BLD
43'6"-47'6"	70-D-628	45		20		150			
			45		20		145		0.05
47'6"-53'0"	70-D-629	180		40		110			
			180		40		110		0.05
53'0"-54'0"	70-D-630	190		20		395			
			190		20		400		0.05
54'0"-57'2"	70-D-631	BLD		70		315			
			BLD		70		320		0.05
57'2"-64'0"	70-D-632	BLD		40		100			
			BLD		40		100		0.05
64'0"-74'0"	70-D-633	BLD		20		10			
			BLD		20		10		BLD
74'0"-76'6"	70-D-634	10		20		90			
			10		20		90		BLD
76'6"-78'6"	70-D-635	BLD		BLD		70			
			BLD		BLD		70		0.05



This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

METHODS: Cu, by G.R.C. No. 100.  
 Mo, Bi by G.R.C. No. 102.  
 W by G.R.C. No. 106.  
 Sn by G.R.C. No. 6A.

B.L.D.: Below Limit of Detection.

*D. Langhrey*  
 for Chief Chemist

**GEOCHEMICAL LABORATORY REPORT**

FIELD SHEET No. 001172 PROJECT No. EL6/68

938042

LAB. SHEET No. 261/2 SAMPLE TYPE: DDH CORE 3 DATE: 11th May, 1970

SAMPLE No.	LAB. No.	Cu ppm		Mo ppm		Bi ppm		W %
		Av		Av		Av		
78' 6" - 85' 5"	70-D-636	BLD	BLD	BLD	BLD	5	5	BLD
		BLD	BLD	BLD	BLD	5	5	
85' 5" - 93' 5 1/2"	70-D-637	BLD	BLD	BLD	BLD	20	20	BLD
		BLD	BLD	BLD	BLD	20	20	
93' 5 1/2" - 95' 5 1/2"	70-D-638	BLD	BLD	BLD	BLD	25	25	BLD
		BLD	BLD	BLD	BLD	25	25	
95' 5 1/2" - 97' 6"	70-D-639	BLD	120	120	120	10	10	BLD
		BLD	120	120	120	10	10	
97' 6" - 99' 6"	70-D-640	BLD	20	20	20	5	5	BLD
		BLD	20	20	20	5	5	
99' 6" - 104'	70-D-641	BLD	BLD	BLD	BLD	10	10	BLD
		BLD	BLD	BLD	BLD	10	10	
104' 0" - 109'	70-D-642	BLD	20	20	20	120	120	BLD
		BLD	20	20	20	120	120	
109' 0" - 114'	70-D-643	BLD	20	20	20	50	50	BLD
		BLD	20	20	20	50	50	
114' 0" - 119'	70-D-644	20	20	20	20	5	5	BLD
		20	20	20	20	5	5	
119' 0" - 124'	70-D-645	30	20	20	20	BLD	BLD	BLD
		30	20	20	20	BLD	BLD	
124' 0" - 134'	70-D-646	BLD	20	20	20	BLD	BLD	BLD
		BLD	20	20	20	BLD	BLD	
144' 0" - 154'	70-D-647	BLD	20	20	20	BLD	BLD	BLD
		BLD	20	20	20	BLD	BLD	

**METHODS:**



This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

*E. Loughrey*  
for Chief Chemist

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## GEOCHEMICAL LABORATORY REPORT

938043

FIELD SHEET No.: 001172 PROJECT No. EL6/68

LAB. SHEET No.: 261/3. SAMPLE TYPE DDH Core 3 DATE: 11th May, 1970.

SAMPLE No.	LAB. No.	Cu ppm		Mo ppm		Bi ppm		W %
		Av		Av		Av		Av
154'0"-159'	70-D-648	BLD		20		BLD		
		BLD	BLD		20	BLD	BLD	BLD
159'0"-164'	70-D-649	BLD		20		BLD		
		BLD	BLD		20	BLD	BLD	BLD
164'-174'0"	70-D-650	BLD		BLD		BLD		
		BLD	BLD		BLD	BLD	BLD	BLD
174'0"-184'	70-D-651	BLD		20		BLD		
		BLD	BLD		20	BLD	BLD	BLD
184'0"-194'	70-D-652	BLD		20		BLD		
		BLD	BLD		20	BLD	BLD	BLD
194'0"-195'	70-D-653	BLD		BLD		BLD		
		BLD	BLD		BLD	BLD	BLD	BLD
195'-202'	70-D-654	BLD		20		5		
		BLD	BLD		20	5	5	BLD
202'-204'	70-D-655	BLD		40		10		
		BLD	BLD		40	10	10	BLD
204'-212'	70-D-656	BLD		20		BLD		
		BLD	BLD		20	BLD	BLD	BLD
212'-214'	70-D-657	BLD		70		5		
		BLD	BLD		70	5	5	BLD
214'-219'	70-D-658	BLD		BLD		BLD		
		BLD	BLD		BLD	BLD	BLD	BLD
219'-224'	70-D-659	BLD		BLD		5		
		BLD	BLD		BLD	5	5	BLD

## METHODS:



This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

*D. Loughrey*  
 Chief Chemist

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GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 001172 PROJECT No. EL6/68

938044

LAB. SHEET No. 261/4, SAMPLE TYPE DDH Core 3 DATE: 11th May, 1970.

SAMPLE No.	LAB. No.	Cu ppm		Mo ppm		Bi ppm		W %
		Av		Av		Av		
224'-234'	70-D-660	BLD		BLD		BLD		
		BLD	BLD	BLD	BLD	BLD	BLD	BLD
234'-237'	70-D-661	BLD		20		10		
		BLD	BLD	20	20	10	10	BLD
237'-239'	70-D-662	BLD		20		45		
		BLD	BLD	20	20	45	45	BLD
239'-244'	70-D-663	BLD		20		BLD		
		BLD	BLD	20	20	BLD	BLD	BLD
244'-247'	70-D-664	BLD		BLD		BLD		
		BLD	BLD	BLD	BLD	BLD	BLD	BLD
247'-250'	70-D-665	BLD		20		5		
		BLD	BLD	20	20	5	5	BLD
250'-254'	70-D-666	15		70		1800		
		10	15	70	70	1800	1800	0.20
254'-259'	70-D-667	15		20		20		
		15	15	20	20	20	20	BLD
259'-264'	70-D-668	BLD		20		BLD		
		BLD	BLD	20	20	BLD	BLD	BLD
264'-270'	70-D-669	BLD		20		BLD		
		BLD	BLD	20	20	BLD	BLD	BLD
270'-275'	70-D-670	BLD		20		5		
		BLD	BLD	20	20	5	5	BLD
275'-280'	70-D-671	BLD		BLD		BLD		
		BLD	BLD	BLD	BLD	BLD	BLD	BLD

METHODS:



This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

*D. Loughrey*  
for Chief Chemist

# GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No. 001172 PROJECT No. EL6/68

938045

LAB. SHEET No. 261/5 SAMPLE TYPE: DDH Core DATE: 11th May, 1970

SAMPLE No.	LAB. No.	Cu ppm		Mo ppm		Bi ppm		W %
		AV		AV		AV		
280' - 290'	70-D-672	BLD		BLD		BLD		
		BLD	BLD	BLD	BLD	BLD	BLD	BLD
290' - 298' 9"	70-D-673	15		20		BLD		
			15		20	BLD	BLD	BLD
		15		20		BLD		
134' - 144'	NO. LAB. NO.	BLD		20		10		
		BLD	BLD	20	20	10	10	BLD

**METHODS:**



This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

*D. Loughrey*  
for Chief Chemist

# GEOCHEMICAL LABORATORY REPORT

FIELD SHEET No.: 001172 PROJECT No.: EL6/68

938046

LAB. SHEET No.: 261/6. SAMPLE TYPE: DDH Core 3 DATE: 11th May, 1970.

Sn %

SAMPLE No.	LAB. No.		Av.				
10'6"-13'	70-D-624		BLD				
13'-23'2"	70-D-625		BLD				
23'2"-33'4"	70-D-626		BLD				
33'4"-43'6"	70-D-627		BLD				
43'6"-47'6"	70-D-628		BLD				
47'6"-53'	70-D-629		0.05				
53'-54'	70-D-630		BLD				
54'-57'2"	70-D-631		BLD				
57'2"-64'	70-D-632		BLD				
64'-74'	70-D-633		BLD				
74'-76'6"	70-D-634		BLD				
76'6"-78'6"	70-D-635		BLD				
78'6"-85'5"	70-D-636		BLD				
85'5"-93'5½"	70-D-637		BLD				
93'5½"-95'5½"	70-D-638		BLD				
95'5½"-97'6"	70-D-639		BLD				
97'6"-99'6"	70-D-640		BLD				
99'6"-104'	70-D-641		BLD				
104'-109'	70-D-642		BLD				
109'-114'	70-D-643		BLD				
114'-119'	70-D-644		BLD				
119'-124'	70-D-645		BLD				
124'-134'	70-D-646		BLD				
144'-154'	70-D-647		BLD				
154'-159'	70-D-648		BLD				
159'-164'	70-D-649		BLD				
164'-174'	70-D-650		BLD				
174'-184'	70-D-651		BLD				
184'-194'	70-D-652		BLD				
194'-195'	70-D-653		BLD				
195'-202'	70-D-654		BLD				
202'-204'	70-D-655		BLD				
204'-212'	70-D-656		BLD				
212'-214'	70-D-657		BLD				
214'-219'	70-D-658		BLD				
219'-224'	70-D-659		BLD				
224'-234'	70-D-660		BLD				
234'-237'	70-D-661		BLD				
237'-239'	70-D-662		BLD				
239'-244'	70-D-663		BLD				
244'-247'	70-D-664		BLD				
247'-250'	70-D-665		BLD				
250'-254'	70-D-666		BLD				
254'-259'	70-D-667		BLD				
259'-264'	70-D-668		BLD				
264'-270'	70-D-669		BLD				

**METHODS:**



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*D. Longhrey*  
for Chief Chemist



047

938048

TABLE 5  
CONSTABLE'S CREEK CORE ASSAYS

HOLE	HOLE DEPTH	INTERSECTION WIDTH	ASSAY				
			Sn	W	Bi	Mo	Cu Au
DDH 1	138' - 141'2"	1'2"			0.05	0.01	
	197'5"- 198'5"						0.04
	277'7"- 278'11"	1'4"			0.02	0.01	0.01
	359' - 360'6"	1'6"	0.29%				
DDH 2	25'8" - 27'2"	1'6"		0.05	0.02	0.02	
	35'3" - 37'	1'9"			0.01	0.01	0.06
	37' - 39'	2'0"			0.03	0.01	0.05
	39' - 43'9½"	4'9½"			0.03		
	48'11"- 49'4"	0'5"		0.10	0.02		
	74'3" - 84'4"	10'4"	0.03				0.01
	96' - 97'10"	1'10"			0.08	0.03	
	133' - 134'5"	1'5"		0.5	0.02		
	170'8"- 172'8"	2'0"			0.06		
DDH 3	23'2" - 33'4"	10'2"		0.05			
	43'6" - 53'0"	9'9"	Tr	0.05	0.01		
	53' - 57'2"	4'2"		0.05	0.03	0.01	Tr
	57'2" - 64'	6'10"		0.05	0.01		
	76'6" - 78'6"	2'0"		0.05	0.01		
	** 250' - 254'	4'0"		0.20	0.18	0.01	

TABLE 6

257/12, 256/1-2, 281/1-2

049

# GEOCHEMICAL LABORATORY REPORT 938050

FIELD SHEET No. 000091/92 PROJECT No. EL6/68 Constables Creek, Area E.

LAB. SHEET No. 257/1. SAMPLE TYPE: Soil Profile DATE: 6th May, 1970.

SAMPLE No.	LAB. No.	Mo ppm	Bi ppm	W %	Sn %			
E08W + 01N	70-C-689	10	5	BLD	BLD			
E08W + 02N	70-C-690	10	5	BLD	BLD			
E08W + 03N	70-C-691	20	15	BLD	BLD			
E08W + 04N	70-C-692	10	10	BLD	BLD			
E08W + 05N	70-C-693	20	20	BLD	BLD			
E08W + 06N	70-C-694	20	15	BLD	BLD			
E08W + 07N	70-C-695	30	20	BLD	BLD			
E08W + 08N	70-C-696	15	10	BLD	BLD			
E08W + 09N	70-C-697	15	10	BLD	BLD			
E08W + 10N	70-C-698	15	10	BLD	BLD			
E08W + 11N	70-C-699	15	10	BLD	BLD			
E08W + 12N	70-C-700	20	10	BLD	BLD			
E08W + 13N	70-C-701	15	5	BLD	BLD			
E08W + 14N	70-C-702	15	10	BLD	BLD			
E08W + 15N	70-C-703	20	10	BLD	BLD			
E08W + 16N	70-C-704	20	10	BLD	BLD			
E08W + 17N	70-C-705	10	5	BLD	BLD			
E08W + 18N	70-C-706	10	5	BLD	BLD			
E08W + 19N	70-C-707	10	10	BLD	BLD			
E08W + 20N	70-C-708	15	5	BLD	BLD			
E10W + 00N	70-C-709	10	10	BLD	BLD			
E10W + 01N	70-C-710	15	10	BLD	BLD			
E10W + 02N	70-C-711	10	10	BLD	BLD			
E10W + 03N	70-C-712	10	5	BLD	BLD			
E10W + 04N	70-C-713	15	5	BLD	BLD			
E10W + 05N	70-C-714	10	10	BLD	BLD			
E10W + 06N	70-C-715	15	10	BLD	BLD			
E10W + 07N	70-C-716	15	10	BLD	BLD			
E10W + 08N	70-C-717	20	10	BLD	BLD			
E10W + 09N	70-C-718	30	25	BLD	BLD			
E10W + 10N	70-C-719	20	10	BLD	BLD			
E10W + 11N	70-C-720	20	10	BLD	BLD			
E10W + 12N	70-C-721	20	10	BLD	BLD			
E10W + 13N	70-C-722	20	10	BLD	BLD			
E10W + 14N	70-C-723	20	10	BLD	BLD			
E10W + 15N	70-C-724	35	25	BLD	BLD			
E10W + 16N	70-C-725	10	10	BLD	BLD			
E10W + 17N	70-C-726	15	10	BLD	BLD			
E10W + 18N	70-C-727	15	10	BLD	BLD			
E10W + 19N	70-C-728	20	10	BLD	BLD			
E10W + 20N	70-C-729	15	10	BLD	BLD			



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METHOD Mo, Bi by G.R.C. No. 2.

W by G.R.C. No. 4A.

Sn by G.R.C. No. 6A.

B.L.D.: Below Limit of Detection.

*D. Laughrey*  
for Chief Chemist

# GEOCHEMICAL LABORATORY REPORT 938051

FIELD SHEET No.: 001351 PROJECT No.: EL6/68 Constables Creek, Area E.

LAB. SHEET No.: 257/2. SAMPLE TYPE: Soil Profile DATE: 6th May, 1970.

SAMPLE No.	LAB. No.	Mo ppm	Bi ppm	W %	Sn %				
EOOE + 01S	70-C-800	20	10	BLD	0.10				
EOOE + 02S	70-C-801	10	5	BLD	BLD				
EOOE + 03S	70-C-802	15	5	BLD	BLD				
EOOE + 04S	70-C-803	15	10	BLD	BLD				
EOOE + 05S	70-C-804	10	5	BLD	BLD				
EOOE + 06S	70-C-805	20	15	BLD	BLD				
EOOE + 07S	70-C-806	15	10	BLD	BLD				
EOOE + 08S	70-C-807	15	5	BLD	BLD				
EOOE + 09S	70-C-808	10	5	BLD	BLD				
EOOE + 10S	70-C-809	10	5	BLD	BLD				
EOOE + 11S	70-C-810	10	10	BLD	BLD				
EOOE + 12S	70-C-811	10	10	BLD	BLD				
EOOE + 13S	70-C-812	10	10	BLD	BLD				
EOOE + 14S	70-C-813	10	10	BLD	BLD				
EOOE + 15S	70-C-814	10	5	BLD	BLD				
EOOE + 16S	70-C-815	10	10	BLD	BLD				
EOOE + 17S	70-C-816	10	5	BLD	BLD				
EOOE + 18S	70-C-817	10	10	BLD	BLD				
EOOE + 19S	70-C-818	15	15	BLD	BLD				
EOOE + 20S	70-C-819	15	10	BLD	BLD				
EOOE + 21S	70-C-820	15	10	BLD	BLD				
EOOE + 22S	70-C-821	15	10	BLD	BLD				
EOOE + 23S	70-C-822	15	10	BLD	BLD				
EOOE + 24S	70-C-823	20	10	BLD	BLD				
EOOE + 25S	70-C-824	10	5	BLD	BLD				
EOOE + 26S	70-C-825	15	10	BLD	BLD				
EOOE + 27S	70-C-826	15	10	BLD	BLD				

**METHODS:**



This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

*D. Longhery*  
for Chief Chemist

# GEOCHEMICAL LABORATORY REPORT

938052

FIELD SHEET No. 000087-89 PROJECT No. EL6/68 Constable Creek Area E.

LAB. SHEET No. 256/1 SAMPLE TYPE Soil Profile DATE 6th May, 1970

SAMPLE No.	LAB. No.	Mo ppm	Bi ppm	W ppm	Sn ppm			
EOO + 01N	70-C-609	30	10	BLD	BLD			
EOO + 02N	70-C-610	25	5	BLD	BLD			
EOO + 03N	70-C-611	25	BLD	BLD	BLD			
EOO + 04N	70-C-612	30	5	BLD	BLD			
EOO + 05N	70-C-613	25	10	BLD	BLD			
EOO + 06N	70-C-614	30	5	BLD	BLD			
EOO + 07N	70-C-615	25	BLD	BLD	BLD			
EOO + 08N	70-C-616	50	50	200	0.05			
EOO + 09N	70-C-617	50	20	BLD	BLD			
EOO + 10N	70-C-618	30	5	BLD	0.05			
EOO + 11N	70-C-619	20	5	BLD	0.05			
EOO + 12N	70-C-620	30	10	BLD	BLD			
EOO + 13N	70-C-621	20	5	BLD	BLD			
EOO + 14N	70-C-622	10	BLD	BLD	BLD			
EOO + 15N	70-C-623	20	5	BLD	BLD			
EOO + 16N	70-C-624	20	5	BLD	BLD			
EOO + 17N	70-C-625	10	BLD	BLD	BLD			
EOO + 18N	70-C-626	10	BLD	BLD	0.11			
EOO + 19N	70-C-627	10	BLD	BLD	BLD			
EOO + 20N	70-C-628	20	BLD	BLD	BLD			
EO2W+ 01N	70-C-629	20	BLD	BLD	BLD			
EO2W+ 02N	70-C-630	20	5	BLD	BLD			
EO2W+ 03N	70-C-631	20	BLD	BLD	BLD			
EO2W+ 04N	70-C-632	20	BLD	BLD	BLD			
EO2W+ 05N	70-C-633	10	BLD	BLD	BLD			
EO2W+ 06N	70-C-634	15	BLD	BLD	BLD			
EO2W+ 07N	70-C-635	10	BLD	100	BLD			
EO2W+ 08N	70-C-636	15	10	BLD	BLD			
EO2W+ 09N	70-C-637	10	20	200	BLD			
EO2W+ 10N	70-C-638	10	BLD	BLD	BLD			
EO2W+ 11N	70-C-639	10	BLD	BLD	BLD			
EO2W+ 12N	70-C-640	10	BLD	BLD	BLD			
EO2W+ 13N	70-C-641	20	5	BLD	BLD			
EO2W+ 14N	70-C-642	10	BLD	BLD	0.11			
EO2W+ 15N	70-C-643	25	10	BLD	BLD			
EO2W+ 16N	70-C-644	10	5	BLD	BLD			
EO2W+ 17N	70-C-645	20	5	BLD	0.13			
EO2W+ 18N	70-C-646	30	10	BLD	BLD			
EO2W+ 19N	70-C-647	30	10	BLD	BLD			
EO2W + 20N	70-C-648	45	25	BLD	BLD			
EO4W + 01N	70-C-649	20	5	BLD	BLD			
EO4W + 02N	70-C-650	20	5	BLD	BLD			
EO4W + 03N	70-C-651	35	15	BLD	BLD			
EO4W + 04N	70-C-652	20	5	BLD	BLD			
EO4W + 05N	70-C-653	20	5	BLD	BLD			
EO4W + 06N	70-C-654	30	10	BLD	BLD			

**METHODS:**

Mo, Bi by G.R.C. No. 2.  
W by G.R.C. No. 4A.  
Sn by G.R.C. No. 6A



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**B.L.D.:**

Below Limit of Detection.

*D Longway*  
for Chief Chemist

# GEOCHEMICAL LABORATORY REPORT

938053

FIELD SHEET No. 000089/90. PROJECT No. EL6/68 Constable Creek Area E.

LAB. SHEET No. 256/2. SAMPLE TYPE Soil Profile DATE 6th May, 1970.

SAMPLE No.	LAB. No.	Mo ppm	Bi ppm	W ppm	Sn ppm				
EO4W + 07N	70-C-655	20	10	BLD	BLD				
EO4W + 08N	70-C-656	15	5	100	BLD				
EO4W + 09N	70-C-657	30	10	BLD	BLD				
EO4W + 10N	70-C-658	25	10	BLD	BLD				
EO4W + 11N	70-C-659	45	20	BLD	BLD				
EO4W + 12N	70-C-660	30	10	BLD	BLD				
EO4W + 13N	70-C-661	30	10	BLD	BLD				
EO4W + 14N	70-C-662	20	5	BLD	0.05				
EO4W + 15N	70-C-663	20	5	BLD	BLD				
EO4W + 16N	70-C-664	35	15	BLD	BLD				
EO4W + 17N	70-C-665	30	10	BLD	BLD				
EO4W + 18N	70-C-666	20	5	BLD	BLD				
EO4W + 19N	70-C-667	20	5	BLD	BLD				
EO4W + 20N	70-C-668	15	5	BLD	BLD				
EO6W + 01N	70-C-669	20	10	BLD	BLD				
EO6W + 02N	70-C-670	30	10	BLD	BLD				
EO6W + 03N	70-C-671	30	10	BLD	0.08				
EO6W + 04N	70-C-672	30	15	BLD	BLD				
EO6W + 05N	70-C-673	20	10	BLD	0.08				
EO6W + 06N	70-C-674	40	20	BLD	BLD				
EO6W + 07N	70-C-675	25	10	BLD	BLD				
EO6W + 08N	70-C-676	25	10	BLD	BLD				
EO6W + 09N	70-C-677	20	10	BLD	BLD				
EO6W + 10N	70-C-678	25	5	BLD	BLD				
EO6W + 11N	70-C-679	20	5	BLD	0.05				
EO6W + 12N	70-C-680	30	10	BLD	BLD				
EO6W + 13N	70-C-681	40	5	BLD	0.08				
EO6W + 14N	70-C-682	40	10	BLD	BLD				
EO6W + 15N	70-C-683	40	10	BLD	BLD				
EO6W + 16N	70-C-684	50	15	BLD	BLD				
EO6W + 17N	70-C-685	35	10	BLD	BLD				
EO6W + 18N	70-C-686	40	5	BLD	BLD				
EO6W + 19N	70-C-687	30	5	BLD	BLD				
EO6W + 20N	70-C-688	35	10	BLD	BLD				

**METHODS:**



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*D Loughrey*  
for Chief Chemist

# GEOCHEMICAL LABORATORY REPORT

938054

FIELD SHEET No. 001352/53 PROJECT No. EL6/68 Constable's Creek Area E.

LAB. SHEET No. 281/1 SAMPLE TYPE Soil Profile DATE 29th May, 1970

SAMPLE No.	LAB. No.	Mo ppm	Bi ppm	W ppm	Sn %			
E02E+03S	70-C-827	10	15	BLD	0.05			
E02E+04S	70-C-828	70	20	BLD	0.05			
E02E+05S	70-C-829	50	15	BLD	BLD			
E02E+06S	70-C-830	40	20	100	BLD			
E02E+07S	70-C-831	50	25	100	BLD			
E02E+08S	70-C-832	40	10	BLD	BLD			
E02E+09S	70-C-833	40	10	BLD	0.05			
E02E+10S	70-C-834	60	15	BLD	0.08			
E02E+11S	70-C-835	50	20	BLD	BLD			
E02E+12S	70-C-836	40	10	BLD	BLD			
E02E+13S	70-C-837	40	10	BLD	BLD			
E02E+14S	70-C-838	30	10	BLD	BLD			
E02E+15S	70-C-839	20	10	BLD	BLD			
E02E+16S	70-C-840	30	10	BLD	BLD			
E02E+17S	70-C-841	40	30	BLD	BLD			
E02E+18S	70-C-842	50	20	BLD	BLD			
E02E+19S	70-C-843	40	15	BLD	BLD			
E02E+20S	70-C-844	40	15	BLD	BLD			
E02E+21S	70-C-845	40	15	BLD	BLD			
E02E+22S	70-C-846	70	40	BLD	BLD			
E02E+23S	70-C-847	40	15	BLD	BLD			
E02E+24S	70-C-848	60	10	BLD	BLD			
E02E+25S	70-C-849	20	10	BLD	BLD			
E02E+26S	70-C-850	40	10	BLD	BLD			
E02E+27S	70-C-851	40	15	BLD	BLD			
E02E+28S	70-C-852	60	10	BLD	BLD			
E02E+29S	70-C-853	40	15	BLD	BLD			
E02E+30S	70-C-854	50	15	BLD	BLD			
E04E+00S	70-C-855	80	40	BLD	BLD			
E04E+01S	70-C-856	50	15	BLD	BLD			
E04E+02S	70-C-857	40	15	BLD	BLD			
E04E+03S	70-C-858	50	30	BLD	BLD			
E04E+04S	70-C-859	40	15	BLD	BLD			
E04E+05S	70-C-860	70	20	BLD	BLD			
E04E+06S	70-C-861	20	10	BLD	BLD			
E04E+07S	70-C-862	90	20	BLD	BLD			
E04E+08S	70-C-863	60	15	BLD	BLD			
E04E+09S	70-C-864	40	10	BLD	BLD			
E04E+10S	70-C-865	40	15	BLD	BLD			
E04E+11S	70-C-866	40	15	BLD	BLD			
E04E+12S	70-C-867	70	25	BLD	BLD			
E04E+13S	70-C-868	60	25	BLD	BLD			
E04E+14S	70-C-869	40	15	BLD	BLD			
E04E+15S	70-C-870	SAMPLE MISSING---						
E04E+16S	70-C-871	20	10	BLD	BLD			
E04E+17S	70-C-872	20	10	BLD	BLD			
E04E+18S	70-C-873	40	20	BLD	BLD			

METHODS: Mo, Bi by G.R.C. No. 2.

W by G.R.C. No. 4A.

Sn by G.R.C. No. 6A.

B.L.D: Below Limit of Detection.



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Chief Chemist

*Ray W. Zerkow*

**GEOCHEMICAL LABORATORY REPORT**

938055

FIELD SHEET No. 001353/54. PROJECT No. EL6/68. Constable's Creek Area E.

LAB. SHEET No. 281/2. SAMPLE TYPE: Soil Profile DATE: 29th May, 1970.

SAMPLE No.	LAB. No.	Mo ppm	Bi ppm	W ppm	Sn %				
E04E+19S	70-C-874	50	40	BLD	BLD				
E04E+20S	70-C-875	60	25	BLD	BLD				
E04E+21S	70-C-876	40	25	BLD	BLD				
E04E+22S	70-C-877	60	30	BLD	BLD				
E04E+23S	70-C-878	80	20	BLD	BLD				
E04E+24S	70-C-879	80	20	BLD	BLD				
E04E+25S	70-C-880	40	15	BLD	BLD				
E04E+26S	70-C-881	60	15	BLD	BLD				
E04E+27S	70-C-882	40	15	BLD	BLD				
E04E+28S	70-C-883	50	15	BLD	BLD				
E04E+29S	70-C-884	50	15	BLD	BLD				
E04E+30S	70-C-885	40	15	BLD	BLD				
E04E+31S	70-C-886	40	20	BLD	BLD				
E04E+32S	70-C-887	40	20	BLD	BLD				
E04E+33S	70-C-888	40	20	BLD	BLD				
E06E+00S	70-C-889	60	15	BLD	BLD				
E06E+01S	70-C-890	60	15	BLD	BLD				
E06E+02S	70-C-891	40	15	BLD	BLD				
E06E+03S	70-C-892	60	15	BLD	BLD				
E06E+04S	70-C-893	40	15	BLD	BLD				
E06E+05S	70-C-894	40	15	BLD	BLD				
E06E+06S	70-C-895	50	15	BLD	BLD				
E06E+07S	70-C-896	40	10	BLD	BLD				
E06E+08S	70-C-897	60	15	BLD	BLD				
E06E+09S	70-C-898	80	15	BLD	BLD				
E06E+10S	70-C-899	50	15	BLD	BLD				
E06E+11S	70-C-900	40	10	BLD	BLD				
E06E+12S	70-C-901	40	20	50	BLD				
E06E+13S	70-C-902	40	15	BLD	BLD				
E06E+14S	70-C-903	40	15	BLD	BLD				
E06E+15S	70-C-904	40	15	BLD	BLD				
E06E+16S	70-C-905	40	15	BLD	BLD				
E06E+17S	70-C-906	50	15	BLD	BLD				
E06E+18S	70-C-907	40	20	BLD	BLD				
E06E+19S	70-C-908	80	20	BLD	BLD				
E06E+20S	70-C-909	40	10	BLD	BLD				
E06E+21S	70-C-910	60	15	BLD	BLD				
E06E+22S	70-C-911	40	10	BLD	BLD				
E06E+23S	70-C-912	50	10	BLD	BLD				
E06E+24S	70-C-913	40	10	BLD	BLD				
E06E+25S	70-C-914	60	10	BLD	BLD				
E06E+26S	70-C-915	50	10	BLD	BLD				
E06E+27S	70-C-916	50	10	BLD	BLD				
E06E+28S	70-C-917	40	10	BLD	BLD				
E06E+29S	70-C-918	40	10	BLD	BLD				
E06E+30S	70-C-919	SAMPLE MISSING---							

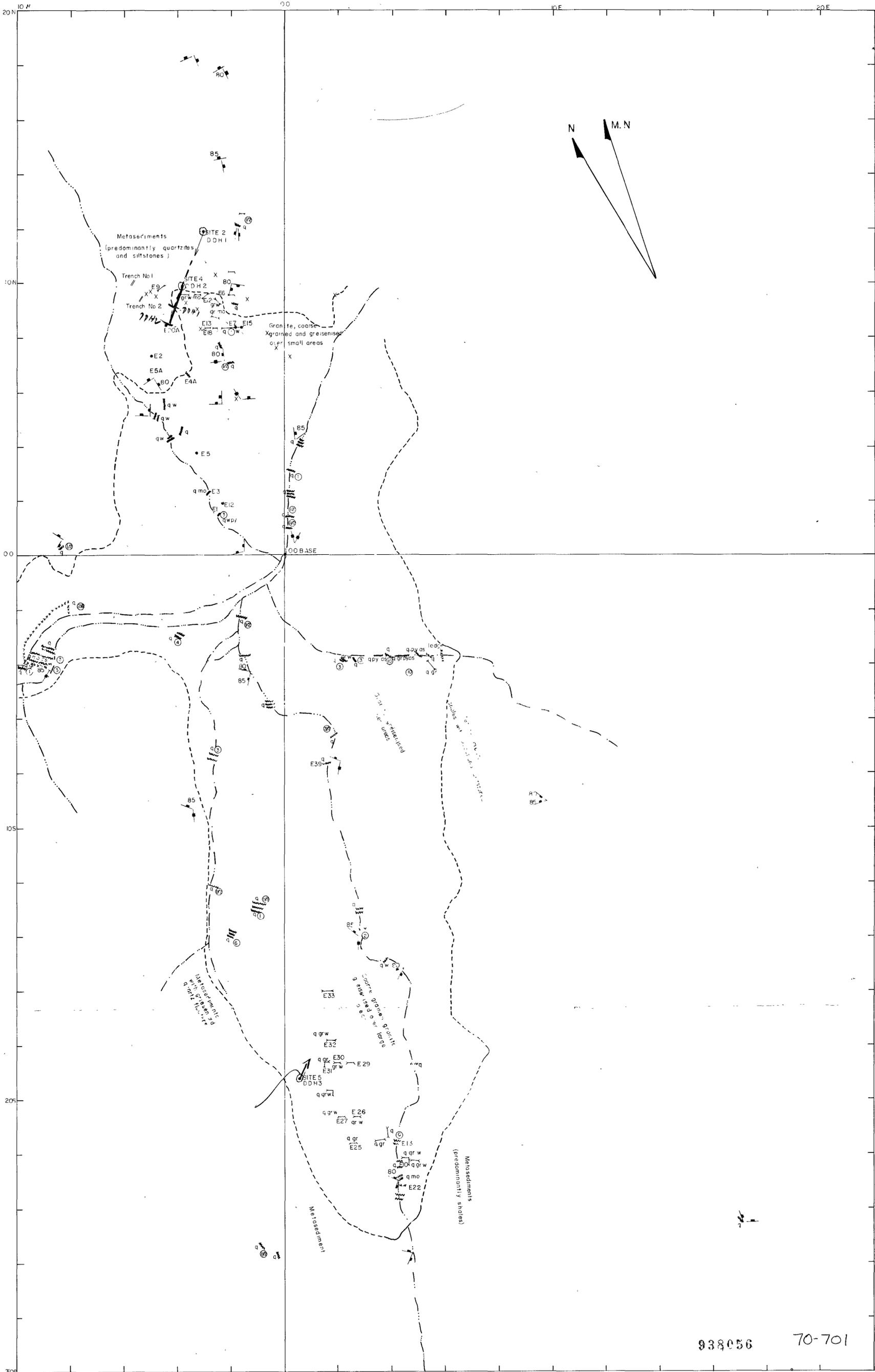
**METHODS:**



This laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with its terms of registration.

Chief Chemist

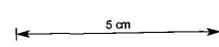
*Ray W. Zedler*



938056 70-701

LEGEND

- q quartz
- gr greisen
- w wolfram
- mo molybdenite
- os arsenopyrite
- py pyrite
- ⊙ width of veins in inches
- watercourse
- established boundary - position accurate
- - - established boundary - position approximate
- strike and dip of joints - inclined
- vertical joints
- vein
- cutstean, or trench (exposed rock type designated by above symbols)
- D D H Diamond Drill Hole
- E 9 Cobra Rock Drill
- X Sample points approx only, after Heard (Drg no 1/108)



TEXAS INSTRUMENTS INCORPORATED SCIENCE SERVICES DIVISION <b>GEOPHOTO RESOURCES CONSULTANTS</b> BRISBANE AUSTRALIA			
DRAWN		PROJECT	6/68
TRACED	W Jongejans	DATE	9/4/70
CHECKED		TEXINS DEVELOPMENT PTY. LTD E. L. 6/68 NORTH-EAST TASMANIA <b>CONSTABLES CREEK</b> <b>GEOLOGICAL MAP</b> 1904	
GEOLOGIST			
APPROVED		SCALE	1" = 200'
REVISIONS		DRAWING NO	1/120