

05/87

GEOCHEMICAL REPORT

FOR

HOT PROPERTY

FORT STEELE MINING DIVISION
 NTS 82G/142 W 115° 28' W, 49° 49' N
 29'

WILD 1-4 MINERAL CLAIMS

by

G. N. Goodall, B.Sc.
 and
 P. E. Fox, Ph.D., P.Eng.

FOX GEOLOGICAL CONSULTANTS LIMITED
 1409 - 409 Granville Street
 Vancouver, B.C.

FILMED

Work paid for by

Owner/operator:

Dome Exploration (Canada) Limited
 P. O. Box 350, Suite 3500
 IBM Tower, Toronto Dominion Centre
 Toronto, Ontario M5K 1N3

GEOLOGICAL BRANCH
 ASSESSMENT REPORT
 May 15, 1988

14,855

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INTRODUCTION

This report summarizes work carried out during the month of September, 1985. In early June the Hot 1-3 claims were abandoned and restaked as the Wild 1-4 claims with a common legal corner post. The initial work program was designed to trace the soil anomalies outlined in 1984 to the north and to prepare a cut line grid for an IP geophysical survey. A high forest fire hazard closed the area to exploration in July and August and an early snowfall hampered work in September. As a result only a small fraction of the work was completed.

LOCATION AND ACCESS

The Wild mineral claims are situated 17 kilometres north-northeast of Fort Steele at the headwaters of the Wild Horse River (see location maps, Figures 1 and 2). The property lies within the Hughes Mountain Range between elevations 1,830 metres and 2,440 metres, in moderate to steep mountainous terrain. Treeline is at about 2,060 metres, so that much of the property is covered by alpine vegetation.

Access is by logging road from Fort Steele following the Wild Horse River for a distance of about 25 kilometres to the site of the Wild 1-4 claims.

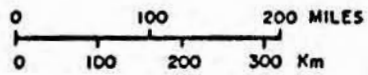
CLAIM INFORMATION

The Wild 1-4 claims consist of 72 units and are within the Fort Steele Mining Division on NTS map sheet 82G/14E. Assessment work applied to the Hot 1 claim has been credited to Wild 2 and Wild 4 claims. These claims are in good standing until July 2, 1989. The expiry dates for Wild 1 and Wild 3 assume the work is applied for assessment purposes.

<u>CLAIM NAME</u>	<u>RECORD NO.</u>	<u>UNITS</u>	<u>EXPIRY DATE</u>
Wild 1	2414	18	July 2, 1989
Wild 2	2415	18	July 2, 1989
Wild 3	2416	18	July 2, 1988
Wild 4	2417	18	July 2, 1989

1985 WORK PROGRAM

The 1985 work program was completed between September 13th and 19th, 1985 and consisted of line cutting, grid preparation and soil sampling. Six kilometres of flagged and picketed line were established north of the 1984 grid and 60 soil samples were collected. In addition, 3.4 kilometres of the 1985 grid were cut by chainsaw and axe in preparation for geophysical surveys to be done in 1986.



DOME EXPLORATION (CANADA) LTD.			
PROPERTY LOCATION PLAN			
WILD CLAIMS			
FOX GEOLOGICAL CONSULTANTS LTD.			
DATE		N.T.S.	Dwg No.
01-17-86			1

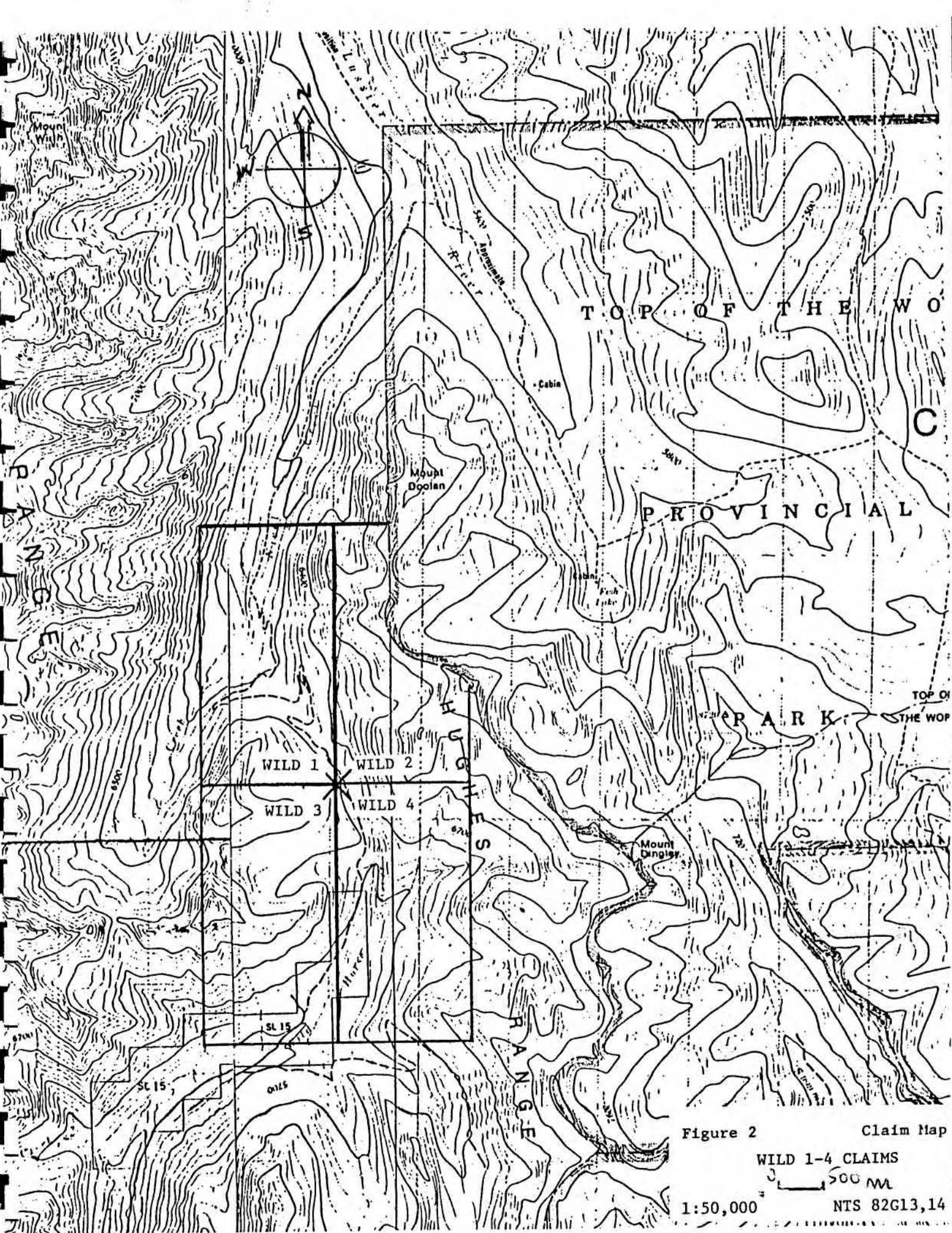


Figure 2 Claim Map
 WILD 1-4 CLAIMS
 1:50,000
 NTS 82G13,14

GEOLOGY

The property is underlain by a sequence of Cambrian-Ordovician carbonates including the Jubilee, McKay and Beaverfoot Formation (see geology map, Figure 3). A northerly trending tightly folded overturned anticline, including McKay Formation limestone and Beaverfoot Formation dolomites, is exposed in the steep cliffs on the east side of the property. This sequence is separated from McKay Formation carbonaceous limestone and shale and Jubilee Formation dolomites on the west side of the property by a northerly trending recent fault. The late faulting was accompanied by hot spring activity as indicated by the occurrence of several calcareous sinter deposits and an active hot spring situated at the south end of the Wild claims.

The sequence on the west side of the fault has been intruded by irregular plugs and dykes of feldspar porphyry, including syenitic and monzonitic intrusives, and by associated quartz veining and silica flooding accompanied by moderate (to 3%) disseminated pyrite.

GEOCHEMISTRY

Soil sampling in 1984 outlined a copper-arsenic soil anomaly that extends from line 11N to 18N. The 1985 work program was designed to trace possible extensions of the anomaly. Four lines, 18N, 22N, 24N, 28N, 26N, were sampled and returned background values for copper and arsenic. Results are plotted on Figure ~~4.3~~ 3.

CONCLUSIONS AND RECOMMENDATIONS

The 1985 soil sampling program was too limited to fully outline extensions of the anomalous areas. Only three samples (4.5%) were above a background level of 90ppm for copper. Four samples (6%) were above the 19ppm background level for arsenic (see Figure 3).

Further geochemical and geophysical surveys, as well as geological mapping, are required to define the anomalous zones.

Soil samples taken from immature alpine soil
and analysed by Acme Labs., ICP method.

T.K.

DISBURSEMENTS

Salaries

L. Hunt	Sampler	7 days @ \$144	1,008.00
I. McCosh	Sampler	5 days @ \$128	640.00
J. Fitzgerald	Sampler	5 days @ \$120	600.00
R. Cameron	Geologist	6 days @ \$180	1,080.00
R. Gibbs	Sampler	6 days @ \$144	864.00
			<u>\$ 4,192.00</u>

Accommodation and Board

29 mandays @ \$40.00/day 1,160.00

Vehicle Rental

7 days @ \$50.00/day 350.00

Equipment and Supplies 125.00

Maps, Photocopying and Drafting 275.00

Gechemical Analyses

60 samples @ \$12.10 726.00

P. E. Fox, Ph.D., P.Eng.- Report writing and supervision
2 days @ \$350.00/day 700.00

TOTAL EXPENDED \$ 7,528.00

Prepared by:

FOX GEOLOGICAL CONSULTANTS LIMITED



G. N. Goodall, B.Sc.



P. E. Fox, Ph.D., P.Eng
May 15, 1986

CERTIFICATE

I, Geoffrey N. Goodall, of the City of Vancouver, British Columbia, do hereby certify that:

1. I graduated from the University of British Columbia in 1984 with a Bachelor of Science degree in geology.
2. I have been practising my profession as a geologist since 1984.



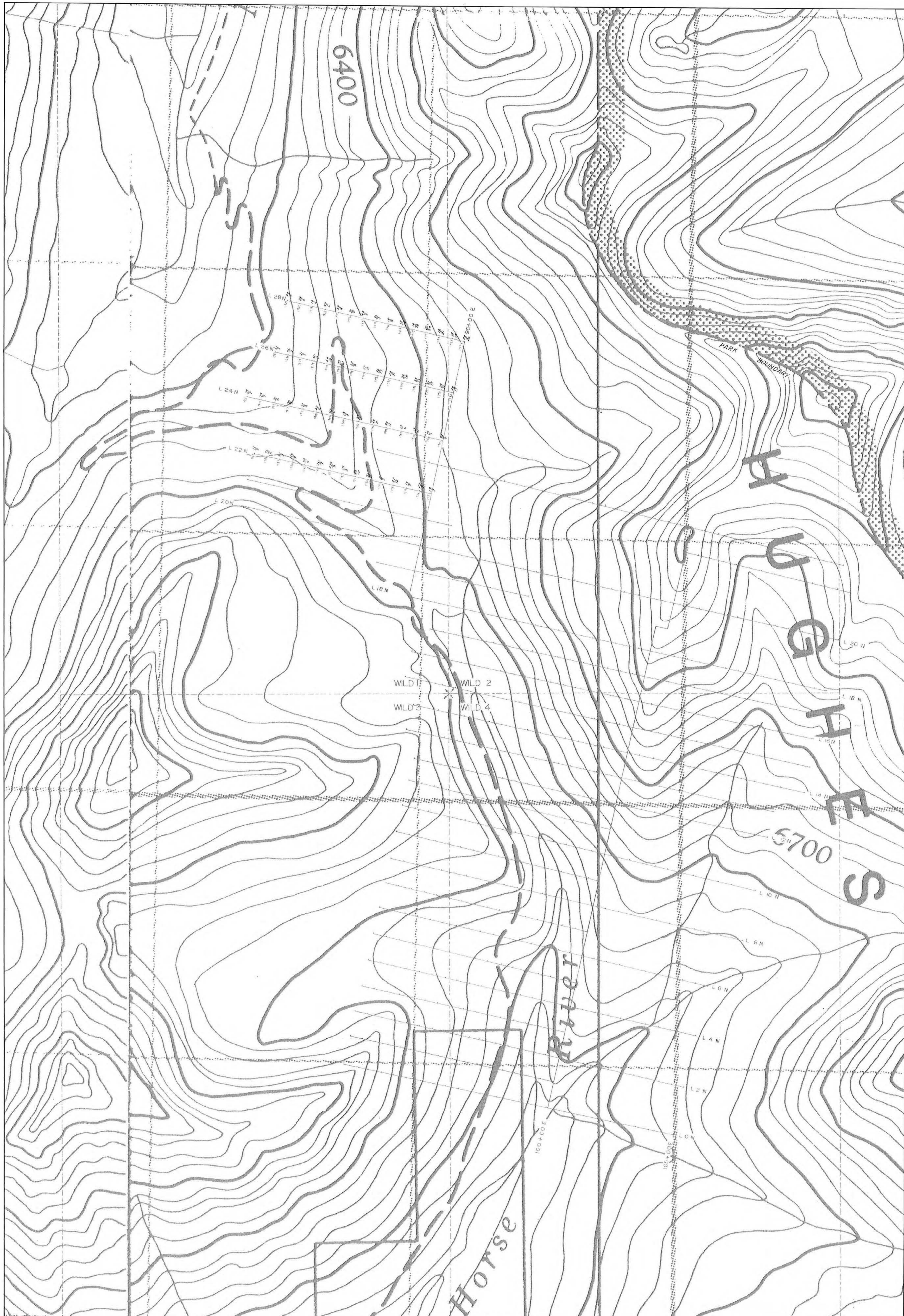
Geoffrey N. Goodall
May 15, 1986

A P P E N D I X I

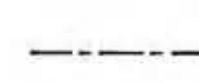
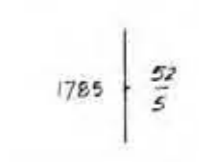
A N A L Y T I C A L R E S U L T S

Sample #	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Hg	Project	Sampler	Date	Locality	Grid	North	East	NTS	Type	Horiz	Material	Topo	Color	Act	Remarks
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm															
1922	2	14	18	17	0.3	9	10	1094	2.28	11	9		128	CAMERON	20-Sep-85	HOT				825/14	Grab		BEDROCK	STEEP	WHITE	RECCE	YES
1789	1	17	23	51	0.4	9	1	187	2.5	2	2		128	GI885	16-Sep-85	HOT		2200	8500	825/14	SOIL	B	TILL	GENTLE	BROWN	GRID	NO
1788	2	56	20	73	0.1	18	4	274	3.21	6	6		128	GI885	16-Sep-85	HGT		2200	8350	825/14	SOIL	B	TILL	GENTLE	BROWN	GRID	YES
1787	7	61	14	76	0.2	18	6	703	2.5	7	1		128	GI885	16-Sep-85	HOT		2200	8400	825/14	SOIL	B	TILL	GENTLE	BROWN	GRID	NO
1784	1	160	15	53	0.2	21	10	231	2.77	4	3		128	GI885	16-Sep-85	HOT		2200	8450	825/14	SOIL	B	TILL	GENTLE	BROWN	GRID	YES
1795	2	52	11	54	0.1	16	4	239	2.92	5	2		128	GI885	16-Sep-85	HOT		2200	8500	825/14	SOIL	B	TILL	GENTLE	BROWN	GRID	NO
1784	1	251	37	59	0.1	19	6	974	2.62	3	1		128	GI885	16-Sep-85	HOT		2200	8550	825/14	SOIL	B	TILL	GENTLE	BROWN	GRID	YES
1783	3	227	26	52	0.1	19	6	1291	2.44	8	3		128	GI885	16-Sep-85	HOT		2200	8600	825/14	SOIL	A	TILL	GENTLE	BLACK	GRID	YES
1798	1	37	16	55	0.1	50	9	637	2.68	9	2		128	GI885	17-Sep-85	HOT		2200	8600	825/14	SOIL	B	TILL	GENTLE	BROWN	GRID	YES
1782	1	19	12	18	0.3	10	2	757	0.32	3	5		128	GI885	16-Sep-85	HOT		2200	8550	825/14	SILT	B	GRAVEL	GULLEY	BLACK	GRID	YES
1781	1	33	43	62	0.1	47	11	488	3.74	17	3		128	GI885	16-Sep-85	HOT		2200	8700	825/14	SOIL	B	TILL	GENTLE	BROWN	GRID	YES
1780	1	53	24	68	0.2	48	10	1451	3.99	4	3		128	GI885	16-Sep-85	HOT		2200	8750	825/14	SOIL	B	TILL	GENTLE	BROWN	GRID	NO
1779	1	11	16	39	0.1	20	4	328	2.54	5	1		128	GI885	16-Sep-85	HOT		2200	8800	825/14	SOIL	B	TILL	GENTLE	BROWN	GRID	NO
1778	1	27	30	46	0.1	50	10	616	3.65	14	5		128	GI885	16-Sep-85	HOT		2200	8850	825/14	SOIL	B	TILL	GENTLE	BROWN	GRID	YES
1776	1	22	23	32	0.1	33	10	1042	3.65	10	1		128	GI885	16-Sep-85	HOT		2200	8950	825/14	SOIL	B	TILL	GENTLE	BROWN	GRID	YES
1775	1	19	15	24	0.1	28	8	524	2.17	7	4		128	GI885	16-Sep-85	HOT		2200	9000	825/14	SOIL	B	TILL	GENTLE	GREY	GRID	YES
1777	1	12	17	61	0.3	23	7	173	3.65	7	1		128	GI885	16-Sep-85	HOT		2200	9000	825/14	SOIL	B	TILL	GENTLE	BROWN	GRID	NO
1915	2	75	38	59	0.1	31	10	191	4.31	7	1		128	CAMERON	16-Sep-85	HOT		2400	8700	825/14	SOIL	B	TILL	GENTLE	BROWN	GRID	YES
1914	3	75	41	59	0.1	30	10	191	4	7	1		128	CAMERON	16-Sep-85	HOT		2400	8750	825/14	SOIL	B	TILL	GENTLE	BROWN	GRID	NO
1913	6	21	15	39	0.1	7	1	65	3.69	6	2		128	CAMERON	16-Sep-85	HOT		2400	8400	825/14	SOIL	B	TILL	GENTLE	BROWN	GRID	NO
1912	3	59	15	96	0.2	65	15	428	3.55	4	1		128	CAMERON	16-Sep-85	HOT		2400	8450	825/14	SOIL	B	TILL	GENTLE	BROWN	GRID	NO
1911	2	61	12	61	0.2	7	2	274	2.81	2	2		128	CAMERON	16-Sep-85	HOT		2400	8500	825/14	SOIL	B	TILL	GENTLE	BROWN	GRID	NO
1910	3	63	18	45	0.1	14	3	125	2.4	5	1		128	CAMERON	16-Sep-85	HOT		2400	8550	825/14	SOIL	B	TILL	GENTLE	BROWN	GRID	NO
1909	1	67	25	57	0.2	13	6	364	2.62	6	1		128	CAMERON	16-Sep-85	HOT		2400	8600	825/14	SOIL	B	TILL	GENTLE	BROWN	GRID	NO
1908	1	15	12	72	0.2	20	6	178	3.46	3	1		128	CAMERON	16-Sep-85	HOT		2400	8650	825/14	SOIL	B	TILL	GENTLE	BROWN	GRID	NO
1907	1	35	14	83	0.2	27	8	172	3.7	4	2		128	CAMERON	16-Sep-85	HOT		2400	8700	825/14	SOIL	B	TILL	GENTLE	BROWN	GRID	NO
1906	1	20	17	57	0.2	42	3	186	4.36	8	1		128	CAMERON	16-Sep-85	HOT		2400	8750	825/14	SOIL	B	TILL	GENTLE	BROWN	GRID	NO
1905	1	20	16	67	0.1	40	3	337	3.69	11	1		128	CAMERON	16-Sep-85	HOT		2400	8800	825/14	SOIL	B	TILL	GENTLE	BROWN	GRID	NO
1904	1	10	11	47	0.2	12	3	197	2.66	6	1		128	CAMERON	16-Sep-85	HOT		2400	8850	825/14	SOIL	B	TILL	GENTLE	BROWN	GRID	NO
1903	1	15	9	49	0.1	14	3	176	3.74	5	1		128	CAMERON	16-Sep-85	HOT		2400	8900	825/14	SOIL	B	TILL	GENTLE	BROWN	GRID	NO
1902	1	15	12	70	0.1	20	6	1309	3.43	7	1		128	CAMERON	16-Sep-85	HOT		2400	8950	825/14	SOIL	B	TILL	GENTLE	BROWN	GRID	NO
1901	1	32	29	47	0.1	68	13	300	4.2	9	1		128	CAMERON	16-Sep-85	HOT		2400	9000	825/14	SOIL	B	TILL	GENTLE	BROWN	GRID	NO
1891	1	61	7	53	0.3	54	7	312	2.73	3	1		128	GI885	17-Sep-85	HOT		2600	8700	825/14	SOIL	B	TILL	GENTLE	BROWN	GRID	YES
1880	1	56	2	46	0.1	150	21	268	3.87	2	1		128	GI885	17-Sep-85	HOT		2600	8750	825/14	SOIL	B	TILL	GENTLE	BROWN	GRID	NO
1879	1	21	14	74	0.1	35	7	548	3.51	5	0		128	GI885	17-Sep-85	HOT		2600	8400	825/14	SOIL	B	TILL	GENTLE	BROWN	GRID	NO
1873	2	50	4	49	0.2	56	12	325	2.35	2	3		128	GI885	17-Sep-85	HOT		2600	8450	825/14	SOIL	B	TILL	GENTLE	BROWN	GRID	NO
1890	2	64	21	57	0.1	63	13	645	3.67	12	6		128	GI885	17-Sep-85	HOT		2600	8500	825/14	SOIL	B	TILL	GENTLE	BROWN	GRID	NO
1799	2	37	24	57	0.1	49	9	550	2.39	13	3		128	GI885	17-Sep-85	HOT		2600	8550	825/14	SOIL	B	TILL	GENTLE	BROWN	GRID	YES
1797	1	17	19	21	0.1	18	4	447	1.26	11	1		128	GI885	17-Sep-85	HOT		2600	8650	825/14	SOIL	B	TILL	GENTLE	BROWN	GRID	NO
1796	1	30	23	75	0.1	64	11	751	3.99	17	2		128	GI885	17-Sep-85	HOT		2600	8700	825/14	SOIL	B	TILL	GENTLE	BROWN	GRID	NO
1795	1	29	22	117	0.2	40	8	1610	3.43	11	4		128	GI885	17-Sep-85	HOT		2600	8750	825/14	SOIL	B	TILL	GENTLE	BROWN	GRID	NO
1794	1	24	22	101	0.1	37	8	870	3.57	19	1		128	GI885	17-Sep-85	HOT		2600	8800	825/14	SOIL	B	TILL	GENTLE	BROWN	GRID	NO
1793	1	55	23	76	0.2	24	7	1055	2.88	15	2		128	GI885	17-Sep-85	HOT		2600	8850	825/14	SOIL	B	TILL	GENTLE	BROWN	GRID	YES
1792	1	21	20	72	0.1	27	8	732	3.55	17	2		128	GI885	17-Sep-85	HOT		2600	8900	825/14	SOIL	B	TILL	GENTLE	BROWN	GRID	NO
1791	1	25	23	72	0.1	29	9	1010	3.65	15	3		128	GI885	17-Sep-85	HOT		2600	8950	825/14	SOIL	B	TILL	GENTLE	BROWN	GRID	YES
1790	1	20	30	72	0.1	29	9	1623	3.76	13	1		128	GI885	17-Sep-85	HOT		2600	9000	825/14	SOIL	B	TILL	GENTLE	BROWN	GRID	NO
1921	1	20	16	26	0.1	27	5	99	3.47	5	1		128	CAMERON	17-Sep-85	HOT		2800	8300	825/14	SOIL	B	TILL	GENTLE	BROWN	GRID	NO
1920	1	38	13	65	0.1	31	8	164	2.95	5	1		128	CAMERON	17-Sep-85	HOT		2900	8750	825/14	SOIL	B	TILL	GENTLE	BROWN	GRID	NO
1919	1	18	31	71	0.3	28	8	492	3.07	6	1		128	CAMERON	17-Sep-85	HOT		2800	8400	825/14	SOIL	B	TILL	GENTLE	BROWN	GRID	NO
1918	2	49	9	63	0.2	84	13	295	4.16	5	1		128	CAMERON	17-Sep-85	HOT		2800	8450	825/14	SOIL	B	TILL	GENTLE	BROWN	GRID	NO
1917	1	59	12	81	0.1	83	17	210	4.04	4	1		128	CAMERON	17-Sep-85	HOT		2800	8500	825/14	SOIL	B	TILL	GENTLE	BROWN	GRID	NO
1916	2	31	24	67	0.2	63	15	225	4.43	8	1		128	CAMERON	17-Sep-85	HOT		2800	8550	825/14	SOIL	B	TILL	GENTLE	BROWN	GRID	NO
1442	1	44	11	39	0.1	99	17	221	4.77	2	1		128	CAMERON	17-Sep-85	HOT		2800	8600	825/14	SOIL	B	TILL	GENTLE	BROWN	GRID	YES
1441	1	30	15	25	0.1	83	14	449	4.24	3	2		128	CAMERON	17-Sep-85	HOT		2800	8650	825/14	SOIL	B	TILL	GENTLE	BLACK	GRID	NO
1440	2	19	23	54	0.1	65	7	317	3.73	9	3		128	CAMERON	17-Sep-85	HOT		2800	8700	825/14	SOIL	B	TILL	GENTLE	BLACK	GRID	NO
1439	1	18	39	163	0.1	34	4	1197	3.52	29	11		128	CAMERON	17-Sep-85	HOT		2800	8750	825/14	SOIL	B	TILL	GENTLE	BLACK	GRID	NO
1438	1	14	27	85	0.1	27	5	507	3.53	18	6		128	CAMERON	17-Sep-85	HOT		2800	8800	825/14	SOIL	B	TILL	GENTLE	BROWN	GRID	NO
1437	1	20	27	53	0.1	33	7	505	3.5</																		

Sample #	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	Au ppb	Hg ppm	Project	Sampler	Date	Locality	Grid North	East	NTS	Type	Horiz	Material	Topo	Color	Act	Remarks
1426	1	18	23	56	0.1	32	8	1078	3.48	21	2		138	CAMERON	17-Sep-85	HOT	2800	8900	826/14	SOIL B		TILL	GENTLE	BROWN	GRID	NO
1423	1	14	27	65	0.1	25	8	812	3.25	14	5		138	CAMERON	17-Sep-85	HOT	2800	8950	826/14	SOIL B		TILL	GENTLE	BROWN	GRID	NO
1424	1	20	23	56	0.1	29	8	1129	3.26	20	4		138	CAMERON	17-Sep-85	HOT	2800	9000	826/14	SOIL B		TILL	GENTLE	BROWN	GRID	NO



LEGEND

-  Claim boundary
-  Sample no. $\frac{Cu \text{ ppm}}{As \text{ ppm}}$

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,855

Scale 1:5000
500 metres

DOME EXPLORATION (CANADA) LIMITED			
PROJECT NO: 138	WILD CLAIMS, B.C.		
WILD 1-4 CLAIMS			
SOIL GEOCHEMISTRY			
Cu & As in ppm			
SCALE	DATE	FILE	FIG. NO.
1:5000	May 15, 1986	BY: 82G/14W	3