85-795-14006

FOX GEOLOGICAL CONSULTANTS LTD

8/86

GEOLOGICAL AND GEOCHEMICAL REPORT

ON THE

FRIK 1 to 4, AND #1 and FRAK 1, 4 CLAIMS

by

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and
P. E. Fox, Ph.D., P. Eng.

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for

GETTY CANADIAN METALS, LIMITED
1200 - 150 York Street
Toronto, Ontario M5H 3S5

Liard Mining Division
NTS 104I6, 11
52 28′N 129 27′W

Work Paid for by Getty Canadian Metals, Limited

October 16, 1985

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SUMMARY

Geological mapping and geochemical sampling work were done on the Frik 1-4, And #1, and Frak 1 and Frak 4 claims (97 units) between August 8th and August 17th, 1985. The purpose of this work was to evaluate several geochemical anomalies obtained in this region during reconnaissance work in 1984.

Geological mapping was done over the entire claim block at a scale of 1:10,000. In addition, 271 rock, soil and silt samples were collected during routine mapping of the property and from a soil grid prepared on the Frak 4 claim where 168 soil samples were collected. Samples were analyzed for 30 standard elements by ICP methods and for gold by atomic absorption techniques. Results are reported herein.

CONCLUSIONS

Geological work indicated that the claims are underlain by barren serpentinite of the Cache Creek Group and volcanic rocks and sediments of the Stuhini formation. Geochemical results returned background concentrations for most elements. No further work is warranted.

INTRODUCTION

Results of work done on the Serpentine West prospect, comprising the Frik 1-4, And #1, and Frak 1, 4 claims (97 units), are provided in this report. Assessment work pertinent to maintaining two years on each claim was filed on August 26, 1985. The property was originally staked in 1984, part of a regional reconnaissance program.

LOCATION AND ACCESS

The claims are situated 40 kilometres east of Dease Lake, B.C. and are reached by helicopter from that point (Figure 1). Dease Lake is some 380 kilometres from Stewart, B.C.

CLAIM INFORMATION

The Serpentine West prospect comprises the following block of contiguous claims.

Name	Units	Record No.	Expiry Date
Frik 1	16	3191	September 1, 1987
Frik 2	12	3192	September 1, 1987
Frik 3	9	3193	September 1, 1987
Frik 4	20	3194	September 1, 1987
And 1	12	3195	September 1, 1987
Frak 1	16	3189	September 1, 1987
Frak 4	12	3190	September 1, 1987

Expiry dates provided assume all assessment work applied for on August 26, 1985 is accepted. All claims were grouped into the Serpentine West 1 group on August 26, 1985. A claim map is given in Figure 2.

PHYSIOGRAPHY

The terrain covered by the claim block comprises part of the rugged, mountainous ridges and peaks typical of this part of northern British Columbia. Dome Mountain, some ten kilometres west of property, rises to 2,000 metres. Vegetation is sparse, typically clumps of alpine spruce near ridge summits and wooded valleys below. Elevations range from 1,370 to 2,000 metres.

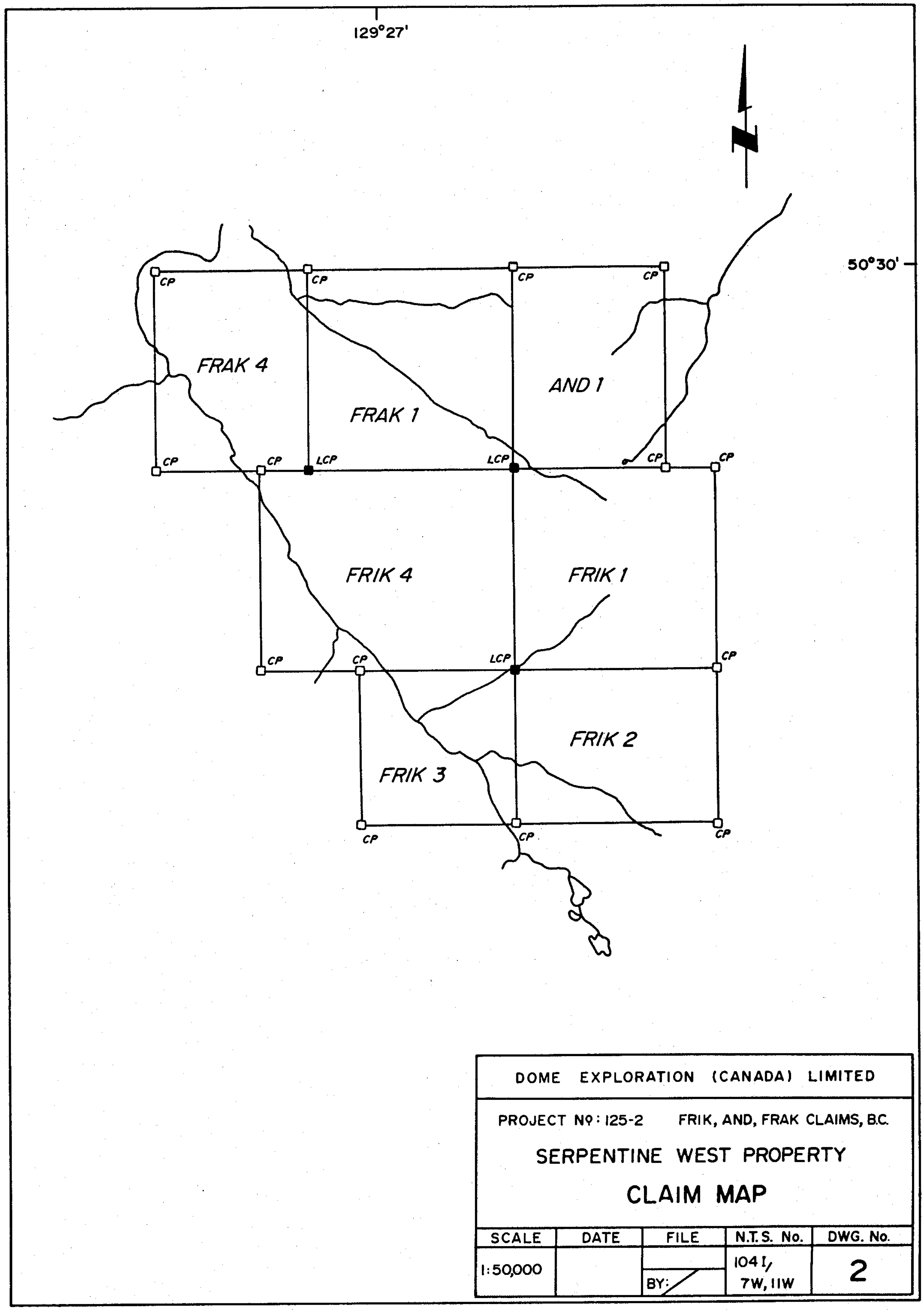
GETTY CANADIAN METALS, LIMITED

PROJECT Nº: 125 — Frik, And, Frak Claims, B.C.

Serpentine West Property

KEY MAP

SCALE	DATE	FILE	N.T.S. No.	FIG. No.
		BY:		1


129°27'
50°30'
FRAK 4
FRAK 1
AND 1
FRIK 4
FRIK 1
FRIK 2
FRIK 3
CP
LCP
DOME EXPLORATION (CANADA) LIMITED
PROJECT Nº: 125-2
FRIK, AND, FRAK CLAIMS, B.C.
SERPENTINE WEST PROPERTY
CLAIM MAP
SCALE
DATE
FILE
N.T.S. No.
DWG. No.
1:50,000
BY:
104 I/
7W, 11W
2

1985 PROGRAM

The 1985 program consisted of geological mapping, soil sampling, and rock chip sampling of selected outcrops. Work was done between August 8th and 17th, 1985 based at Dease Lake. The work was accessed by helicopter (Yukon Airways Ltd.) on a daily basis.

Geological mapping utilized aerial photographs and a 1:10,000 map prepared by McElhanney Ltd. Thin section reports were obtained for typical rock units. Soil sampling work was done on a small grid on the Frik #4 claim. Samples here were collected from a `B´ horizon every 20 metres on grid lines spaced 150 metres apart. A total of 271 rock, soil, and silt samples were collected overall and analyzed for 30 elements by ICP methods and for gold by atomic absorption techniques by Acme Analytical Laboratories, Vancouver, B.C. Results are plotted in Figures 3, 4, 5 and tabulated Appendix I. Thin section reports and rock descriptions are provided in Appendix II.

REGIONAL GEOLOGY

The Serpentine West prospect covers a deformed and metamorphosed succession of ultramafic rocks, mafic volcanics and metasedimentary rocks, all of Mississippian-Permian age and all assigned to the Cache Creek Group. These rocks form a northwest-trending assemblage some 15 kilometres wide bounded on the northeast by the Kutcho Creek fault and to the southwest by the Nahlin fault, a northeasterly-dipping thrust fault along which Cache Creek rocks have overridden volcanics, shales and greywackes of Triassic-Lower Jurassic age. The Serpentine West property is situated at the north end of a large formation of serpentinite within the Cache Creek rocks.

LOCAL GEOLOGY

Bedrock formations, outcrop areas, lithological types, and structural data are given in Figure 3. Most of the claims north of the Nahlin thrust fault are underlain by serpentinite. On weathered surfaces this rock weathers greenish-grey, bright green, greenish-black or reddish-brown. It is intensely sheared in the east-central part of the map area. Elsewhere the serpentinite unit is massive and considerable variations are exhibited from outcrop to outcrop. At several outcrops on the property, peridotite nodules, set in a sheared serpentinite matrix, are common. The nodules commonly form elliptical masses up to one metre in diameter. The long axis of the nodules is usually parallel to the dominant foliation direction (northwest).

In the south-central map area, some 450 metres west of West Creek, a 50cm wide plagioclase porphyry dyke cuts a small body of serpentinite. A thin section of the dyke rock shows it to consist of coarse plagioclase phenocrysts set in a fine-grained groundmass of plagioclase, epidote, chlorite, K-feldspar, quartz and trace amounts of pyrite and magnetite. The dyke is also altered and difficult to distinguish from the host serpentinite material (thin section descriptions in Appendix II).

A sheared tuff horizon outcrops in the south-central part of the claims. Outcrops of the tuff unit are scattered over a strike length of 335 metres. The tuff horizon is 18 to 35 metres thick, light green, and iron-stained. Within the horizon are discontinuous beds of chert and limestone up to four centimetres thick.

A phyllite unit overlies the tuff horizon. The phyllite is generally grey to black, laminated and locally iron-stained on joint and fracture surfaces. The rock is made up of light and dark alternating laminae of which the lighter ones are dominantly quartz-rich. The dark bands consist of sericite, muscovite and graphite.

Only one outcrop (west-central map area) of basic volcanic rock was found during the mapping program. The rock is greenish-black on fresh surfaces and massive. Iron-stain is common on fracture surfaces. The rock consists of 1.0 to 1.5mm plagioclase phenocrysts and large 1- to 3-millimetre glomerophenocrysts of clinopyroxene set in a very fine grained matrix of plagioclase and clinopyroxene. Veinlets of sodic plagioclase, calcite and minor amounts of chlorite are common. A thin section report is given in Appendix II.

South of the Nahlin thrust fault, the claims are underlain by Upper Triassic siltstone, shale and limestone. The siltstone unit, which can be traced across the southern part of the claims, forms massive beds up to 20m thick. It is grey, well indurated and consists of 0.5mm diameter yellowish quartz grains in a grey cryptocrystalline matrix.

An outcrop of shale was noted in the southern corner of the claims. It is grey-black, fissile and iron-stained. The shale may be gradational with the siltstone unit. Outcrops of grey, massive, medium-grained and weakly fetid limestone were found at the junction of West Creek and an unnamed creek in the southern part of the claim block.

ALTERATION AND MINERALIZATION

Generally, all Cache Creek Group rocks contain varying amounts of secondary chlorite, epidote, introduced quartz and trace amounts of pyrite and magnetite. Various rock units situated close to or within shear zones are commonly silicified and contain abundant quartz veins. The veins are discontinuous and generally 2 to 4 centimetres wide. Weak to moderate amounts of chlorite are often associated with the quartz veins.

The tuff unit in the south-central part of the claims is sheared, iron-stained and silicified over widths of 18 to 35 metres. The unit contains up to 20% disseminated pyrite, pyrrhotite and trace amounts of arsenopyrite.

An iron-stained, siliceous serpentinite in the southeast corner of the property contains a well developed quartz-chalcedony stockwork. The stockwork ranges from 5 to 15 metres wide and is exposed over a length of 40 metres. Similar iron-stained serpentinite containing quartz-chalcedony stockworks is also present in the central part of the claims. Elsewhere mariposite and pyrite are common in siliceous zones. Other minerals observed throughout are pyrite, magnetite, arsenopyrite and "limonite".

Weathering of this material has formed an iron-stained gossan up to 70 metres wide. In the northeast corner of the property, a siliceous serpentinite body contains irregular zones of poorly developed quartz stockwork, 5% disseminated pyrite and fine grained (up to 10%) magnetite.

GEOCHEMISTRY

A total of 102 rock samples were collected during routine mapping of the claims (Figure 4). Sample descriptions and analytical results are listed in Appendix I and II.

Analytical results for rocks range from 1 to 490ppb Au, 0.1 to 1.5ppm Ag, 1 to 1300ppm Cu, 2 to 3536ppm Cr and 2 to 134ppm As. Sample 4530 contains significant Au (490ppb), Cu (1300ppm) and As (134ppm). The rock material is siliceous serpentinite containing poorly developed quartz stockworks. The sample also contained 3% fine-grained disseminated magnetite. Samples 4847, 4848 and 4849 returned Ag values ranging from 1.0 to 1.5ppm. All three samples are from an outcrop of grey-black, non-calcareous shale which contains 3% pyrrhotite and 2% disseminated pyrite. Samples 4847 and 4848 are grab samples and 4849 is a chip across one metre of shale.

A total of 168 soil samples were collected on a grid on the Frak #4 claim. Samples were taken every 20 metres on grid lines spaced 150 metres apart (Figure 5). Analytical results range from 1 to 32ppb Au (three samples between 10 to 32ppb), 0.1 to 0.3ppm Ag, 12 to 49ppm Cu, 222 to 1643ppm Cr and 2 to 48ppm As (three samples between 15 to 48ppm).

STATEMENT OF COSTS

Accomodation and Board	$ 1,109.48	
Air Charter	2,662.50	
Assays, Geochemical analyses	3,899.08	
Automobile Expense	272.33	
Consulting, P. E. Fox, P. Eng.	895.00	
Field Supplies	409.83	
Freight	48.97	
Reproductions and Maps	237.20	
Travel Expense	665.61	
Pencil Manuscript, The McElhanney Group	1,900.00	
Thin Sections, Vancouver Petrographics	100.00	
		$12,200.00

Salaries

Name	Period	Days	Rate	Total	
C. Payne	August 8 to 18	12	350	$4,200	
G. Goodall	August 8 to 16	10	150	1,500	
R. Konst	August 8 to 16	10	150	1,500	
					7,200.00
			GRAND TOTAL		$19,400.00

Work was paid for by Getty Canadian Metals, Limited and applied to the Serpentine West 1 group.

Prepared by:

FOX GEOLOGICAL CONSULTANTS LIMITED

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA P. E. FOX

P. E. Fox, Ph.D., P.Eng.

C. W. Payne

C. W. Payne, M.Sc.
October 16, 1985

STATEMENT OF QUALIFICATIONS

I, Craig W. Payne, do hereby certify that:

1. I graduated from Brock University, St. Catharines, Ontario in 1979 with a Master of Science in Geological Sciences.

2. Since that time I have been employed as an exploration geologist in British Columbia and elsewhere.

3. I am presently temporarily employed by Fox Geological Consultants Limited, Vancouver, B.C.

4. The work described in this report was done under my direct supervision.

C.W. Payne.

C. W. Payne, M.Sc.

APPENDIX I

ANALYTICAL RESULTS

by

Acme Analytical Laboratories Limited
852 East Hastings Street
Vancouver, B.C.

FOX GEOLOGICAL PROJECT - GETTY-125-2 FILE # 85-1896

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
4087	1	29	3	75	.3	7	14	792	5.17	10	5	ND	1	189	1	2	9	97	4.64	.06	2	4	1.43	11	.36	4	2.09	.05	.03	1	7
4088	1	52	2	106	.4	5	38	2294	16.95	13	5	ND	7	4	1	2	2	523	13.70	.02	2	8	3.34	4	.87	4	2.69	.01	.01	1	2
4089	6	5	2	31	.1	786	48	831	3.37	7	5	ND	1	2	1	2	2	18	.45	.01	2	1477	14.58	1	.01	58	.13	.01	.01	1	1
4090	2	832	2	18	.1	443	90	238	3.27	6	5	ND	1	5	1	2	2	5	1.04	.01	2	62	4.37	14	.01	6	.15	.01	.01	1	2
4091	1	34	2	2	.1	19	4	46	.44	2	5	ND	1	15	1	2	2	1	.30	.01	2	6	.14	3	.01	2	.02	.01	.01	1	1
4092	2	10	2	20	.1	44	4	232	1.15	2	5	ND	1	6	1	2	2	7	.13	.01	5	24	.16	22	.01	2	.09	.04	.01	1	1
4093	1	33	2	98	.1	30	13	1481	4.97	4	5	ND	1	122	1	2	2	96	3.09	.11	4	42	1.22	77	.22	3	3.22	.05	.08	1	1
4094	1	3	2	39	.1	37	19	575	3.89	9	5	ND	3	34	1	2	2	119	9.46	.01	2	15	3.27	4	.12	13	5.15	.01	.01	1	2
4095	9	10	2	40	.2	1614	87	1019	4.88	8	5	ND	1	4	1	3	2	10	.32	.01	2	1517	21.43	1	.01	33	.25	.01	.01	1	1
4096	7	5	6	33	.1	839	88	719	7.35	11	5	ND	2	1	1	2	2	21	.04	.01	2	800	16.26	1	.01	12	1.33	.01	.01	1	1
4097	1	48	2	9	.1	67	8	110	.53	3	5	ND	1	8	1	2	4	21	.57	.07	8	70	.68	7	.29	2	.15	.08	.01	1	2
4098	3	130	8	68	.1	88	12	175	1.69	2	5	ND	4	22	1	2	2	64	.39	.13	16	90	.34	18	.03	2	.21	.06	.01	1	1
4099	1	37	2	17	.1	10	2	139	.93	2	5	ND	1	11	1	2	2	10	.10	.02	2	7	.28	21	.01	4	.34	.03	.03	1	1
4100	1	7	2	3	.1	16	2	63	.29	2	5	ND	1	1	1	2	3	3	.04	.01	3	8	.06	7	.09	2	.06	.04	.01	1	1
4101	3	43	2	71	.1	75	8	182	1.05	2	5	ND	3	73	1	2	6	34	.34	.08	11	29	.21	18	.21	2	.22	.09	.01	1	1
4102	1	30	3	72	.2	17	11	903	3.86	5	5	ND	2	186	1	2	6	82	4.35	.09	4	9	1.25	51	.25	13	3.26	.06	.05	1	1
4103	1	103	7	79	.2	12	20	1050	5.52	5	5	ND	1	30	1	2	2	164	.78	.03	2	2	2.48	14	.29	4	2.83	.04	.01	1	2
4104	1	40	10	105	.4	17	12	796	3.33	12	5	ND	1	43	1	2	6	46	1.44	.09	3	10	1.14	109	.29	8	2.28	.02	.12	1	2
4105	2	49	2	23	.1	96	10	110	.64	2	5	ND	1	5	1	2	2	5	.31	.02	4	28	1.25	18	.06	3	.48	.07	.01	1	1
4106 Soils ↓	5	35	2	52	.2	994	44	650	4.05	9	5	ND	3	14	1	2	2	37	.27	.04	3	741	10.18	67	.06	16	1.04	.02	.03	1	1
4107	5	31	3	58	.1	981	50	874	4.41	7	5	ND	2	15	1	2	2	42	.29	.05	6	674	8.93	81	.12	19	1.22	.02	.03	1	3
4108	6	32	2	45	.1	1138	49	638	4.23	7	5	ND	2	11	1	2	2	34	.26	.02	3	773	11.84	46	.07	24	.90	.01	.02	1	4
4109	5	28	2	51	.2	886	40	636	4.16	8	5	ND	2	12	1	2	2	40	.26	.04	3	673	9.63	56	.08	19	1.08	.02	.03	1	1
4110	5	24	2	74	.1	1062	59	1179	4.56	5	5	ND	2	20	1	2	5	41	.31	.08	11	717	8.78	105	.14	18	1.30	.03	.03	1	4
4111	5	20	2	71	.1	975	49	840	4.92	6	5	ND	2	12	1	2	2	51	.27	.04	6	726	9.25	59	.20	16	1.26	.02	.03	1	3
4112	6	22	2	63	.1	1094	66	1080	4.71	7	5	ND	1	12	1	2	2	39	.32	.05	2	878	12.23	62	.09	17	.98	.02	.02	1	1
4113	5	22	2	55	.1	1082	51	914	4.02	8	5	ND	1	20	1	2	2	35	.33	.06	5	716	11.12	83	.09	21	1.04	.02	.03	1	4
4114	5	22	2	53	.2	934	38	588	4.08	9	5	ND	2	15	1	2	2	37	.28	.04	4	683	9.79	64	.09	21	1.05	.02	.03	1	3
4115	5	22	2	55	.1	879	42	605	4.42	10	5	ND	2	12	1	2	2	38	.28	.04	3	746	10.49	52	.08	14	1.04	.02	.02	1	2
4116	5	27	2	56	.1	990	41	672	4.04	7	5	ND	2	16	1	2	2	37	.29	.06	5	667	10.02	78	.08	17	1.08	.02	.02	1	3
4117	5	25	2	54	.2	976	39	637	4.20	9	5	ND	2	17	1	2	2	37	.32	.06	4	731	11.04	69	.09	14	.98	.02	.03	1	1
4118	5	22	2	60	.1	932	35	517	3.87	4	5	ND	2	17	1	2	2	34	.31	.05	7	691	10.33	65	.08	17	1.04	.02	.02	1	4
4119	5	27	4	52	.1	1033	38	563	4.02	5	5	ND	2	13	1	2	2	37	.30	.04	7	677	10.29	63	.11	13	1.08	.02	.03	1	4
4120	5	26	2	55	.1	1022	42	575	3.86	8	5	ND	1	15	1	2	2	34	.32	.05	4	771	10.93	62	.06	23	.91	.02	.02	1	3
4121	6	25	2	46	.1	1289	50	634	4.61	8	5	ND	2	8	1	2	2	31	.32	.03	3	965	14.52	29	.06	13	.71	.01	.02	1	3
4122	7	21	5	41	.1	1492	61	714	3.97	8	5	ND	1	6	1	2	2	27	.32	.02	4	904	15.81	26	.05	29	.67	.01	.02	1	1
4123	4	19	2	76	.2	754	38	906	5.21	8	5	ND	2	17	1	2	4	50	.30	.05	6	569	7.86	72	.20	9	1.47	.03	.03	1	1
4124	5	27	6	59	.1	922	47	896	4.60	6	5	ND	2	20	1	2	5	38	.35	.08	5	714	9.59	109	.11	10	1.22	.02	.02	1	1
4125	6	26	4	48	.1	1304	51	621	4.14	10	5	ND	1	11	1	2	2	31	.25	.03	3	800	13.55	41	.05	19	.77	.01	.02	1	2
4126	5	28	2	67	.1	930	38	628	4.68	7	5	ND	1	12	1	2	2	39	.29	.05	6	756	10.52	55	.12	12	1.10	.02	.03	1	2
4127	5	23	2	65	.1	990	40	650	4.44	7	5	ND	1	14	1	3	2	38	.31	.07	5	802	11.10	82	.10	10	1.08	.02	.02	1	3
4128	5	19	2	79	.1	1047	49	844	4.76	4	5	ND	1	11	1	2	2	40	.24	.04	6	765	10.92	47	.15	15	1.12	.02	.03	1	3
4129	4	24	2	64	.1	858	37	701	4.83	4	5	ND	2	13	1	2	5	45	.27	.05	8	624	8.66	62	.18	6	1.38	.02	.02	1	1
4130	5	25	2	65	.1	875	36	660	4.82	7	5	ND	1	16	1	2	3	45	.31	.06	11	612	8.76	69	.20	7	1.65	.02	.02	1	1

FOX GEOLOGICAL PROJECT - GETTY-125-2 FILE # 85-1896

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
4552 Soils	4	23	2	69	.1	1243	33	742	4.02	4	5	ND	2	26	1	4	2	42	.43	.09	11	671	8.19	94	.16	21	1.68	.03	.04	1	2
4553	4	12	6	81	.2	280	17	600	6.10	5	5	ND	3	20	1	4	8	97	.30	.06	8	256	2.29	49	.60	5	1.51	.04	.04	1	2
4554	5	21	6	60	.1	1163	41	723	4.16	7	6	ND	2	18	1	2	2	41	.36	.04	4	721	11.55	66	.14	19	1.36	.03	.03	1	6
4555	5	15	2	72	.1	940	34	772	4.32	6	5	ND	1	21	1	5	2	45	.43	.05	7	587	9.28	62	.18	17	1.41	.03	.03	1	2
4556	5	18	2	50	.1	1054	38	620	4.35	3	6	ND	1	13	1	4	2	43	.36	.05	4	772	11.67	49	.14	15	1.22	.02	.02	1	3
4557	5	20	2	60	.1	1116	36	584	3.96	19	6	ND	2	18	1	3	2	38	.40	.03	6	694	12.22	62	.14	19	1.22	.04	.04	1	1
4558	4	19	2	89	.1	698	36	1081	5.15	11	5	ND	1	27	1	3	4	55	.44	.07	7	527	6.46	85	.26	12	1.95	.04	.03	1	1
4559	4	27	2	82	.1	904	45	1122	4.13	24	5	ND	1	31	1	6	3	36	.52	.11	6	821	8.93	89	.10	23	1.41	.03	.03	1	3
4560	5	27	2	59	.1	1001	44	822	4.40	8	5	ND	1	20	1	4	2	40	.37	.05	5	873	10.65	68	.10	9	1.38	.02	.03	1	5
4561	4	24	2	61	.1	1043	44	929	4.89	11	5	ND	2	20	1	4	2	49	.38	.04	8	871	9.95	79	.17	7	1.64	.03	.03	1	4
4562	5	27	2	62	.1	1320	59	990	4.86	4	6	ND	1	16	1	4	2	46	.38	.08	5	1203	12.15	68	.09	12	1.50	.02	.02	1	4
4563	5	27	2	63	.1	1093	49	919	4.43	5	6	ND	2	16	1	3	2	43	.37	.07	7	884	10.73	72	.10	15	1.31	.02	.04	1	3
4564	3	17	2	108	.2	330	17	914	6.16	5	5	ND	2	20	1	2	4	70	.26	.10	17	222	1.70	85	.37	2	2.85	.04	.04	1	3
4565	5	22	2	73	.1	943	31	560	4.48	2	5	ND	1	20	1	3	2	44	.39	.07	5	784	10.22	77	.15	15	1.46	.03	.03	1	2
4566	5	26	2	68	.1	1119	36	657	4.22	2	6	ND	1	15	1	2	2	42	.31	.06	6	677	10.87	63	.13	7	1.33	.02	.03	1	5
4567	4	23	6	81	.1	867	32	715	4.86	2	5	ND	1	21	1	2	2	50	.42	.08	8	609	8.31	75	.20	13	1.68	.04	.03	1	2
4568	6	17	2	72	.2	1136	45	678	4.94	2	9	ND	1	14	1	2	2	39	.53	.06	2	980	13.95	38	.08	20	1.06	.02	.03	1	4
4569	5	21	2	59	.1	1015	34	578	4.16	2	5	ND	1	22	1	3	2	39	.37	.04	5	683	10.31	57	.10	17	1.15	.02	.03	1	3
4570	5	19	2	55	.1	1208	43	634	4.05	2	5	ND	1	21	1	3	2	34	.36	.04	4	718	12.05	53	.07	15	1.02	.02	.03	1	2
4571	5	18	2	56	.1	1147	37	663	4.59	2	6	ND	3	19	1	3	2	41	.37	.04	6	678	10.63	65	.14	9	1.40	.03	.03	1	3
4572	4	15	5	64	.1	965	37	713	4.60	2	5	ND	1	25	1	2	2	49	.38	.05	7	598	8.34	82	.22	14	1.49	.03	.03	1	1
4573	5	15	3	86	.1	905	47	999	4.55	2	5	ND	1	31	1	2	2	46	.49	.05	5	603	10.42	58	.21	12	1.32	.03	.04	1	5
4574	5	21	2	49	.1	1153	40	716	3.72	2	7	ND	1	49	1	3	2	32	.55	.06	7	620	11.58	67	.07	14	1.10	.02	.03	1	1
4575	6	26	2	53	.2	1287	48	700	4.09	2	8	ND	1	37	1	2	2	35	.55	.05	5	769	13.88	55	.08	16	1.13	.02	.03	1	3
4576	5	21	2	67	.3	988	50	1124	4.95	2	6	ND	1	16	1	2	2	50	.39	.09	6	787	10.74	98	.13	17	1.19	.02	.04	1	2
4577	4	22	6	91	.2	816	22	717	5.43	3	5	ND	3	25	1	3	2	60	.39	.07	16	435	5.48	100	.33	3	2.33	.06	.04	1	4
4578	5	25	4	62	.1	937	35	701	4.74	2	6	ND	2	22	1	2	2	53	.40	.05	7	583	9.52	92	.21	12	1.48	.03	.04	1	3
4579	4	22	4	78	.1	794	31	868	5.25	2	5	ND	2	27	1	2	6	60	.44	.07	14	463	6.10	116	.31	11	1.97	.05	.05	1	2
4580	4	38	5	61	.1	1154	36	788	4.64	4	5	ND	2	26	1	2	2	51	.58	.06	12	701	9.52	102	.16	18	1.53	.03	.04	1	2
4581	5	24	10	96	.3	490	38	889	5.55	4	5	ND	1	32	1	3	2	59	.56	.10	5	558	7.74	96	.18	11	1.79	.02	.04	1	4
4582	4	33	5	72	.1	721	29	830	4.70	3	5	ND	2	43	1	2	2	53	.61	.08	8	456	6.23	100	.20	8	1.88	.03	.04	1	3
4583	5	24	4	89	.1	746	37	1022	5.19	4	5	ND	2	32	1	3	2	52	.53	.11	11	627	8.18	147	.19	16	1.76	.04	.04	1	3
4584	6	35	5	51	.2	1304	40	545	4.23	2	7	ND	1	19	1	3	2	36	.43	.04	5	852	13.72	56	.07	14	.98	.02	.02	1	2
4585	5	28	4	68	.1	1267	39	715	4.71	2	6	ND	1	22	1	2	2	43	.38	.05	8	781	11.36	71	.14	12	1.34	.03	.03	1	2
4586	5	26	4	62	.1	1290	38	509	3.88	2	6	ND	2	19	1	2	2	33	.34	.04	8	746	12.22	50	.08	17	.99	.02	.03	1	2
4587	5	26	2	61	.2	1183	33	558	4.13	2	6	ND	2	27	1	4	2	41	.39	.05	8	680	10.79	68	.13	16	1.29	.03	.03	1	3

FOX GEOLOGICAL PROJECT - GETTY-125-2 FILE # 85-1896

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB	Pt** PPB	Pd** PPB
4518	3	265	2	19	.1	322	37	343	2.16	3	5	ND	1	3	1	2	2	15	.37	.01	2	363	5.62	14	.01	7	.16	.01	.01	1	6	65	97
4520	2	8	2	15	.1	1328	10	365	1.41	2	5	ND	1	1	1	2	2	11	.01	.01	2	3536	4.67	1	.01	6	1.46	.01	.01	1	1	2	2
4519	1	5	2	5	.1	12	1	186	.28	2	5	ND	1	276	1	2	2	1	2.34	.01	2	3	.06	4	.01	2	.03	.01	.01	1	1		
4521	4	61	4	38	.1	728	33	600	2.73	5	5	ND	3	159	1	2	2	28	3.11	.01	9	178	8.58	39	.01	3	.07	.03	.03	1	1		
4522	7	9	3	18	.1	1294	52	727	3.05	7	5	ND	1	10	1	3	2	23	.60	.01	2	1260	16.06	45	.01	31	.50	.03	.06	1	2		
4523	2	44	5	76	.1	409	32	1126	4.59	13	5	ND	3	91	1	2	2	63	6.65	.02	7	155	3.71	113	.01	6	.39	.04	.07	1	1		
4524	1	10	3	21	.1	31	4	184	1.14	2	5	ND	1	5	1	2	2	12	.08	.02	4	12	.38	7	.01	2	.41	.05	.02	1	1		
4525	1	53	2	52	.2	44	11	433	3.90	3	5	ND	1	10	1	2	3	117	.85	.04	2	72	2.26	94	.34	2	2.24	.04	.08	1	1		
4526	1	11	4	13	.1	15	2	49	.41	2	5	ND	2	3	1	2	2	8	.09	.01	7	12	.09	18	.06	3	.06	.02	.01	1	1		
4527	1	5	7	8	.1	27	4	117	.57	2	5	ND	1	28	1	2	2	13	.20	.12	4	138	.69	10	.01	3	.48	.10	.01	1	1		
4528	1	6	3	31	.1	40	3	289	1.81	2	5	ND	1	16	1	2	2	21	.22	.04	4	15	.60	33	.09	4	.88	.06	.04	1	1		
4529	1	13	5	52	.2	39	14	497	3.37	3	5	ND	4	17	1	2	2	48	6.54	.04	2	16	1.92	3	.07	3	3.58	.01	.01	1	1		
4530	3	1300	2	18	.1	1132	69	315	2.69	134	5	ND	1	3	1	2	2	6	.77	.02	2	310	7.22	1	.01	10	.26	.01	.01	1	490		
4531	1	43	2	4	.1	110	5	119	.41	3	5	ND	2	10	1	2	2	11	5.98	.01	3	18	.42	4	.04	2	2.15	.01	.01	1	3		
4532	1	1	2	18	.1	22	2	249	.41	2	5	ND	4	10	1	2	2	2	10.74	.02	3	4	.69	1	.02	14	3.16	.01	.01	1	1		
4533	1	5	2	2	.1	3	1	29	.22	2	5	ND	1	1	1	2	2	1	.16	.01	2	3	.03	1	.01	2	.07	.01	.01	1	2		
4534	2	24	3	53	.1	72	11	599	3.20	5	5	ND	1	40	1	2	2	88	.48	.02	2	34	2.20	37	.18	9	1.89	.05	.02	1	1		
4535	1	28	4	17	.1	21	3	93	.71	2	5	ND	1	2	1	2	2	23	.02	.01	4	9	.07	25	.01	2	.10	.01	.03	1	1		
4536	1	12	2	44	.1	9	4	422	.80	2	5	ND	1	30	1	2	6	34	.48	.09	3	6	.45	7	.19	3	.50	.03	.01	1	2		
4537	1	5	3	1	.1	3	1	31	.30	2	5	ND	1	1	1	2	2	1	.01	.01	2	2	.01	1	.01	2	.01	.01	.01	1	2		
4538	1	13	2	17	.1	33	3	161	1.09	2	5	ND	1	8	1	2	2	14	.07	.04	2	18	.39	14	.01	4	.39	.01	.03	1	1		
4539	2	73	5	43	.1	31	5	890	1.44	2	5	ND	1	11	1	2	2	18	.24	.15	7	13	.05	120	.01	4	.08	.03	.01	1	3		
4540	1	6	5	6	.1	154	3	95	.43	2	5	ND	1	38	1	2	2	5	4.50	.05	2	32	.64	97	.06	2	1.77	.02	.01	1	1		
4541	1	7	2	8	.1	17	3	222	.50	2	5	ND	1	6	1	2	2	9	1.70	.08	2	7	.44	10	.03	2	1.38	.07	.04	1	1		
4542 SOILS	6	21	6	49	.1	1380	50	604	3.93	7	5	ND	1	15	1	2	2	27	.32	.04	4	695	13.45	42	.05	24	.82	.01	.02	1	9		
4543	5	17	2	68	.1	904	45	781	4.22	9	5	ND	2	21	1	2	2	31	.39	.05	6	607	10.01	66	.11	16	1.10	.02	.03	1	4		
4544	5	18	2	53	.1	1048	52	754	4.10	10	5	ND	1	23	1	3	2	38	.39	.04	5	644	10.07	60	.13	32	1.14	.03	.03	1	1		
4545	4	17	5	88	.1	676	38	1191	3.97	8	5	ND	1	39	1	2	3	33	.59	.12	8	579	6.88	96	.10	18	1.10	.03	.03	1	1		
4546	5	13	6	87	.1	720	50	790	4.36	6	5	ND	1	20	1	3	2	43	.50	.04	5	696	8.92	58	.14	17	1.29	.02	.04	1	1		
4547	5	21	2	68	.2	1045	37	747	3.29	9	5	ND	1	33	1	3	2	30	.45	.08	7	616	8.95	79	.09	21	1.08	.02	.03	1	2		
4548	5	19	2	54	.1	884	48	705	4.70	10	5	ND	1	13	1	2	2	42	.35	.06	4	884	11.29	50	.09	17	1.19	.01	.03	1	3		
4549	6	24	2	63	.1	1056	61	1034	4.63	7	5	ND	1	15	1	3	2	38	.41	.06	5	870	11.94	54	.10	28	1.10	.02	.02	1	1		
4550	6	20	2	48	.1	1049	62	846	4.57	14	5	ND	1	8	1	5	2	38	.35	.04	5	1149	14.13	39	.05	16	1.19	.01	.02	1	1		
4551	6	21	5	50	.1	920	50	651	4.31	9	7	ND	2	13	1	3	2	38	.33	.03	4	804	12.18	43	.09	29	1.21	.01	.03	1	1		

FOX GEOLOGICAL PROJECT - GETTY-125-2 FILE # 85-1896

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB	Pt** PPB	Pd** PPB
4588	3	14	11	102	.1	557	22	903	5.35	2	6	ND	2	39	1	2	5	57	.53	.09	22	235	2.65	133	.36	7	2.42	.07	.05	1	2		
4589	5	22	10	77	.1	631	33	799	5.25	4	5	ND	2	19	1	2	2	58	.36	.08	15	434	5.76	90	.28	9	2.19	.04	.04	1	13		
4590	4	18	5	80	.2	439	25	999	6.22	2	5	ND	2	25	1	3	5	79	.37	.09	15	252	2.37	87	.46	2	2.53	.04	.04	1	3		
4591	5	21	6	66	.1	878	31	562	4.15	9	5	ND	1	24	1	2	2	43	.38	.06	10	613	8.24	83	.15	14	1.39	.03	.04	1	2		
4592	5	27	8	62	.1	936	32	562	3.59	2	5	ND	1	32	1	2	2	38	.48	.08	9	537	8.37	84	.10	17	1.27	.02	.04	1	5		
4593	5	27	6	59	.1	994	40	600	3.86	6	5	ND	2	22	1	4	2	39	.37	.05	10	602	9.65	77	.12	17	1.24	.03	.04	1	2		
4594	5	25	12	57	.1	1004	39	581	3.60	7	5	ND	2	19	1	3	3	38	.34	.04	7	570	9.88	70	.11	13	1.18	.02	.04	1	1		
4595	5	32	6	67	.1	1374	36	600	3.69	6	5	ND	1	36	1	2	3	33	.53	.09	17	653	9.14	96	.10	25	1.25	.03	.04	1	1		
4596	5	25	3	58	.1	1099	44	896	3.24	5	5	ND	1	41	1	2	4	28	.60	.16	8	582	9.29	99	.05	28	1.03	.02	.03	1	2		
4597	5	17	9	113	.1	877	47	745	3.82	7	5	ND	1	19	1	2	2	33	.39	.06	5	696	10.51	62	.08	20	.90	.02	.03	1	2		
4598	5	14	11	62	.1	1114	52	900	4.58	3	5	ND	1	18	1	2	2	41	.33	.05	7	677	9.64	62	.17	14	1.28	.03	.04	1	1		
4599	6	19	2	81	.2	1056	46	772	5.39	7	5	ND	2	25	1	3	4	44	.46	.04	10	684	9.57	63	.19	13	1.15	.04	.03	1	1		
4600 Soils	6	19	6	52	.1	1142	43	574	3.98	6	5	ND	1	18	1	2	2	35	.34	.04	6	684	11.55	53	.09	10	1.00	.02	.03	1	2		
4742	1	43	2	20	.2	84	12	556	3.15	2	5	ND	4	9	1	2	2	106	8.86	.01	2	36	1.71	7	.10	10	2.78	.01	.01	1	1		
4743	1	5	2	1	.2	6	1	33	.28	2	5	ND	1	5	1	2	2	2	.16	.01	2	3	.04	1	.01	2	.05	.01	.01	1	1		
4744	3	15	8	12	.4	4	2	37	.54	3	5	ND	1	6	1	2	2	4	.06	.02	5	6	.04	34	.03	2	.05	.05	.01	1	2		
4745	1	104	19	61	.1	71	25	1357	11.76	9	5	ND	5	7	1	2	5	317	19.30	.11	8	67	2.44	13	.90	15	2.09	.01	.05	1	1		
4746	3	6	2	13	.1	86	7	443	1.25	4	5	ND	3	107	1	2	2	23	8.57	.01	2	53	3.99	1338	.03	2	.18	.04	.02	1	1		
4747	2	17	2	36	.1	41	8	492	3.35	2	5	ND	1	10	1	2	2	7	.45	.06	2	2	.61	26	.12	4	.95	.06	.02	1	1		
4748	1	26	2	23	.1	23	2	177	.37	2	5	ND	1	67	1	2	2	4	.93	.03	2	3	.10	14	.08	4	.18	.08	.01	1	2		
4749	1	2	12	7	.1	37	3	264	.77	3	5	ND	1	281	1	2	2	14	1.75	.01	2	7	.69	14	.07	2	1.16	.06	.02	1	2		
4750	2	4	17	49	.1	155	27	689	5.60	8	5	ND	1	20	1	2	2	126	3.80	.04	2	476	4.72	1	.10	2	4.85	.01	.01	1	1	2	2
4751	6	5	11	30	.1	830	70	653	5.27	9	5	ND	1	4	1	2	2	17	.41	.01	2	363	15.42	1	.01	13	.62	.01	.01	1	1	2	2
4752	2	7	17	41	.1	180	19	963	4.77	8	5	ND	5	10	1	2	2	76	12.68	.14	2	126	4.29	1	.12	8	4.03	.01	.01	1	1		
4753	2	95	2	15	.2	61	35	292	2.64	3	5	ND	1	5	1	2	2	22	2.81	.01	2	21	2.40	3	.02	7	2.94	.03	.02	1	1		
4754	8	9	8	29	.1	2143	93	1151	7.42	7	5	ND	1	2	1	2	2	9	.04	.01	2	1048	20.22	7	.01	63	.15	.01	.01	1	1	2	2
4758	8	1	5	31	.1	1560	81	797	5.78	8	5	ND	1	2	1	2	2	11	.03	.01	2	1871	20.28	7	.01	37	.18	.01	.01	1	1	2	2
4755	1	10	13	2	.2	13	3	62	.40	2	5	ND	1	5	1	2	2	3	.29	.01	2	11	.28	7	.01	2	.27	.01	.01	1	1		
4756	1	14	8	3	.2	10	1	66	.33	4	5	ND	1	4	1	2	2	1	.06	.01	2	5	.04	2	.01	3	.02	.01	.01	1	1		
4757	1	21	15	24	.1	6	1	56	.78	2	5	ND	2	9	1	2	2	12	.17	.04	9	17	.03	36	.12	2	.06	.04	.01	1	1		
4759	1	30	9	9	.1	14	3	667	.76	2	5	ND	1	4	1	2	2	20	.05	.01	2	14	.19	70	.04	2	.11	.02	.04	1	2		
4760	1	19	12	67	.2	50	9	854	3.07	3	5	ND	2	271	1	2	2	61	3.49	.08	4	7	.87	221	.17	6	2.31	.03	.13	1	1		
4761	1	23	9	16	.1	5	3	348	1.21	3	5	ND	1	17	1	2	5	20	.47	.11	7	16	.25	64	.26	2	.23	.06	.04	1	1		
4762	2	42	8	86	.1	95	15	802	4.60	2	5	ND	1	55	1	2	2	113	2.06	.11	9	9	1.41	36	.27	20	2.51	.07	.04	1	5		
4763	1	11	5	5	.1	4	1	50	.60	2	5	ND	1	5	1	2	2	8	.24	.02	2	4	.13	3	.13	2	.13	.07	.01	1	1		
4764	1	11	6	5	.1	4	2	49	.68	2	5	ND	1	4	1	2	3	13	.29	.02	2	4	.18	3	.26	2	.07	.06	.01	1	1		
4765	1	25	2	5	.1	12	5	36	.85	2	5	ND	1	4	1	2	7	26	.35	.02	2	22	.15	3	.29	2	.08	.07	.01	1	1		
4766	1	22	14	99	.1	9	12	910	3.85	10	5	ND	2	32	1	2	7	74	1.42	.10	4	12	1.00	84	.26	5	2.12	.03	.12	1	1		

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
4767 Soils	3	34	10	75	.1	1788	77	1259	6.80	48	5	ND	1	10	1	2	6	49	.21	.03	8	712	5.62	183	.02	8	1.03	.02	.11	1	2
4768	3	49	10	143	.2	472	36	1119	8.31	8	5	ND	3	18	1	2	2	153	.45	.16	16	302	4.08	216	.21	12	2.68	.03	.19	1	1
4769	6	26	13	76	.1	1413	48	590	4.88	9	5	ND	1	13	1	4	2	44	.42	.06	6	1147	13.90	83	.07	25	1.21	.02	.05	1	32
4770	7	20	6	63	.1	1605	76	1038	6.24	6	5	ND	1	11	1	2	2	37	.30	.03	4	1342	13.33	55	.09	22	.98	.02	.02	1	1
4771	6	21	9	70	.1	1170	76	1198	5.65	8	5	ND	1	16	1	2	2	38	.44	.09	5	1267	11.73	76	.06	19	1.06	.02	.04	1	2
4772	8	20	5	48	.2	1962	91	1221	5.55	8	5	ND	1	7	1	3	2	26	.40	.05	3	1369	16.66	32	.02	20	.57	.01	.03	1	3
4773	7	25	5	71	.1	1557	62	745	4.84	10	5	ND	1	10	1	5	2	31	.30	.08	5	1182	14.39	53	.05	15	.98	.01	.04	1	2
4774	8	20	10	40	.1	2016	81	873	5.35	12	5	ND	1	5	1	2	2	28	.41	.04	2	1354	17.44	21	.01	37	.59	.01	.02	1	12
4775	5	29	8	64	.2	946	37	619	4.24	6	5	ND	1	16	1	2	2	44	.37	.13	4	777	9.89	126	.05	13	1.37	.02	.04	1	5
4776	6	35	7	58	.1	1025	58	914	4.37	7	5	ND	1	13	1	2	2	42	.44	.07	4	827	11.10	70	.06	16	1.11	.01	.04	1	2
4777	5	36	6	65	.1	923	44	878	5.06	5	5	ND	2	14	1	2	2	56	.39	.05	11	672	8.07	75	.17	6	1.57	.03	.05	1	1
4778	4	23	10	66	.1	634	32	795	5.16	5	5	ND	2	21	1	2	2	57	.40	.07	10	452	5.23	89	.23	6	1.82	.04	.05	1	1
4779	5	31	11	67	.1	763	44	855	4.88	7	5	ND	1	20	1	2	2	52	.42	.09	6	757	8.01	102	.09	13	1.40	.02	.05	1	1
4780	8	20	2	47	.1	2061	88	1044	5.20	12	5	ND	1	5	1	2	2	28	.38	.03	2	1298	18.20	28	.03	22	.65	.01	.01	1	2
4781	9	21	6	46	.1	2234	89	1038	5.46	11	5	ND	1	2	1	4	2	25	.33	.02	5	1410	18.96	20	.02	21	.51	.01	.01	1	9
4782	8	18	5	60	.1	1901	88	1133	6.20	8	5	ND	2	8	1	2	2	33	.38	.03	7	1442	16.45	39	.06	25	.91	.02	.02	1	1
4783	6	35	6	58	.1	1297	54	604	4.17	7	5	ND	2	13	1	2	2	33	.40	.06	8	1015	12.21	56	.07	10	1.07	.02	.04	1	1
4784	5	25	2	46	.1	836	54	919	3.26	6	5	ND	1	47	1	2	2	25	.69	.15	4	751	9.12	73	.03	19	.74	.01	.02	1	1
4785	9	20	2	41	.1	1988	81	908	4.37	11	5	ND	1	4	1	3	2	22	.35	.03	2	1263	19.73	17	.02	18	.53	.01	.01	1	2
4786	8	19	2	46	.2	1743	69	711	5.38	9	5	ND	1	6	1	4	2	24	.35	.04	4	1182	17.33	21	.03	20	.55	.01	.02	1	1
4787	9	19	8	45	.2	1779	60	543	4.40	11	5	ND	1	4	1	4	2	21	.30	.02	2	1129	18.47	15	.03	22	.52	.01	.02	1	1
4788	8	26	2	60	.1	1671	73	910	5.25	11	5	ND	2	6	1	2	2	28	.33	.03	5	1191	17.30	25	.05	23	.77	.01	.02	1	1
4789	9	20	5	35	.2	2198	90	944	4.51	12	5	ND	1	2	1	3	2	20	.28	.01	2	1159	19.82	11	.01	24	.39	.01	.01	1	1
4790	8	15	3	49	.2	2099	96	1078	5.04	4	5	ND	2	4	1	2	2	23	.24	.02	2	1289	18.92	22	.02	23	.50	.01	.01	1	2
4791	8	15	2	42	.3	2058	90	907	5.06	7	5	ND	1	4	1	3	2	23	.26	.02	2	1282	18.70	14	.02	28	.45	.01	.01	1	3
4792	5	19	7	84	.1	1204	52	846	5.90	4	5	ND	2	16	1	2	6	41	.35	.06	13	938	10.91	58	.17	14	1.34	.05	.04	1	1
4793	7	22	9	48	.1	2037	99	1041	4.25	7	5	ND	1	8	1	4	2	23	.25	.02	5	1059	17.17	29	.04	25	.61	.01	.02	1	1
4794	7	19	6	48	.1	1827	84	891	4.90	8	5	ND	2	6	1	3	2	25	.30	.03	3	1204	17.21	25	.04	25	.63	.01	.02	1	1
4795	7	21	2	45	.1	1756	84	889	4.45	5	5	ND	1	7	1	4	2	23	.30	.05	3	1289	17.90	29	.02	24	.56	.01	.02	1	2
4796	4	25	2	67	.1	890	35	570	4.46	4	5	ND	2	22	1	2	5	45	.35	.06	12	687	9.59	84	.14	10	1.33	.03	.03	1	1
4797	5	28	11	71	.2	1037	38	626	4.48	5	5	ND	2	23	1	3	3	43	.34	.08	12	749	9.62	103	.13	13	1.42	.03	.04	1	2
4798	6	30	6	50	.1	1297	56	641	4.09	7	5	ND	2	14	1	2	2	35	.31	.03	6	841	13.82	50	.06	14	.91	.02	.02	1	3
4799	7	21	3	76	.1	1704	81	892	5.91	6	5	ND	1	8	1	2	2	33	.43	.05	5	1643	16.72	40	.03	21	.78	.01	.02	1	1
4800	6	17	7	81	.1	1292	75	1098	5.88	5	5	ND	2	14	1	2	2	41	.40	.07	5	1278	13.31	60	.10	23	1.03	.02	.02	1	1
4801	8	20	7	43	.1	1875	81	857	4.86	5	5	ND	1	4	1	2	2	28	.40	.02	3	1364	18.24	18	.03	16	.60	.01	.02	1	3
4802	6	22	6	64	.1	1315	65	937	5.50	5	5	ND	2	13	1	2	2	44	.36	.05	5	1102	12.38	63	.13	20	1.33	.02	.02	1	1
4803	8	20	2	44	.1	2049	91	958	4.78	6	5	ND	2	3	1	4	2	26	.38	.02	2	1363	19.36	17	.01	23	.54	.01	.01	1	1
4804	8	12	8	34	.1	1703	72	709	3.96	5	5	ND	1	3	1	3	2	23	.38	.01	2	1264	19.47	7	.01	26	.49	.01	.01	1	1

FOX GEOLOGICAL PROJECT - GETTY-125-2 FILE # 85-1896

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
4805	8	15	3	32	.1	1928	80	804	3.27	6	5	ND	1	1	1	3	2	21	.36	.01	2	1085	20.94	11	.01	19	.47	.01	.01	1	2
4806	8	12	4	39	.1	1849	80	851	3.77	5	5	ND	1	2	1	2	2	25	.39	.02	2	1321	20.61	14	.01	21	.50	.01	.01	1	2
4807	9	15	5	32	.1	1908	81	787	3.86	4	5	ND	1	1	1	4	2	18	.22	.01	2	1188	21.02	7	.01	29	.35	.01	.01	1	14
4808	8	15	6	37	.1	1794	79	751	4.74	6	5	ND	2	3	1	2	2	21	.35	.02	2	1226	20.10	9	.01	20	.38	.01	.01	1	1
4809	7	20	3	39	.1	1653	85	799	6.96	6	5	ND	1	3	1	2	2	23	.39	.01	2	1327	17.91	11	.02	22	.34	.01	.01	1	1
4810	9	12	2	37	.1	2038	82	791	3.82	6	5	ND	1	1	1	2	2	15	.21	.01	2	1180	20.85	7	.01	21	.30	.01	.01	1	1
4811	8	15	2	37	.1	1740	81	742	5.37	5	5	ND	1	3	1	3	2	21	.34	.01	2	1243	19.32	7	.01	17	.34	.01	.01	2	2
4812	8	15	3	38	.1	1836	80	760	4.03	7	5	ND	1	2	1	3	2	19	.27	.01	2	1146	20.36	11	.01	21	.39	.01	.02	1	2
4813	8	20	4	46	.1	1925	90	1021	4.47	6	5	ND	2	4	1	3	2	25	.26	.02	2	1280	19.27	22	.02	16	.49	.01	.01	2	1
4814	5	27	2	53	.1	1035	51	649	4.44	6	5	ND	2	15	1	2	2	41	.35	.04	7	869	11.20	64	.09	11	1.06	.02	.03	1	1
4815	6	21	5	57	.1	958	56	839	5.10	6	5	ND	2	13	1	2	2	47	.38	.05	5	889	12.44	53	.15	9	1.11	.03	.03	1	1
4816	6	26	4	51	.1	1118	61	786	4.68	5	5	ND	1	12	1	3	2	38	.37	.05	8	1024	12.72	58	.06	7	1.03	.02	.02	1	2
4817	4	23	9	76	.1	672	38	904	5.62	5	5	ND	3	24	1	2	6	68	.50	.07	12	486	5.93	93	.31	5	2.19	.04	.04	1	1
4818	6	23	6	50	.1	1062	65	907	5.09	6	5	ND	2	15	1	2	2	41	.39	.06	3	1061	13.48	64	.08	15	1.07	.01	.02	1	1
4819	6	22	3	48	.2	914	58	867	4.99	4	5	ND	2	14	1	2	2	42	.33	.04	4	994	12.40	57	.11	11	.97	.02	.02	1	1
4820	5	26	7	83	.1	938	84	1717	5.65	4	5	ND	1	20	1	2	2	48	.44	.11	7	997	9.69	106	.11	15	1.17	.02	.03	1	1
4821	6	26	6	60	.1	1083	73	1022	5.27	5	5	ND	1	13	1	2	2	40	.36	.06	3	1095	12.73	61	.08	13	1.04	.02	.02	1	10
4822	5	22	7	76	.2	851	44	933	5.71	7	5	ND	5	16	1	2	6	47	.38	.05	18	623	7.37	63	.25	2	2.29	.07	.05	1	1
4823	8	28	8	72	.1	982	68	1088	5.67	5	5	ND	1	14	1	2	2	42	.35	.06	7	1014	11.91	72	.12	10	1.24	.02	.02	1	1
4824	7	28	2	48	.1	1416	64	669	4.74	8	5	ND	2	8	1	2	2	30	.30	.03	3	1277	16.57	36	.03	18	.76	.01	.02	1	2
4825	6	26	5	57	.1	990	55	799	4.76	7	5	ND	2	16	1	2	2	37	.32	.08	6	1038	12.04	91	.06	11	1.10	.02	.02	1	1
4826	6	24	7	55	.1	1219	53	741	5.11	2	5	ND	1	14	1	2	2	38	.35	.05	4	1128	14.05	48	.08	15	1.10	.02	.03	1	2
4827	7	28	3	40	.1	1442	56	612	3.90	2	5	ND	2	7	1	2	2	26	.29	.02	4	1081	16.68	26	.03	22	.65	.01	.02	1	20
4828 Soils	5	22	4	77	.1	807	39	881	5.43	3	5	ND	1	24	1	2	2	59	.45	.07	11	686	7.94	70	.30	11	1.63	.05	.03	1	3
4843	2	8	6	26	.1	1565	58	586	3.76	3	5	ND	1	1	1	7	2	21	.16	.01	7	1006	13.77	4	.01	23	1.25	.01	.01	1	2
4844	1	8	5	28	.3	1827	76	635	5.16	14	5	ND	1	1	1	7	2	21	.01	.01	7	980	12.41	1	.01	35	.36	.01	.01	1	1
4845	1	42	8	74	.1	25	5	593	3.74	4	5	ND	3	36	1	2	2	23	.34	.12	11	25	1.33	106	.21	9	1.64	.02	.19	1	3
4846	1	28	11	86	.4	30	9	961	3.53	6	5	ND	2	254	1	2	2	32	3.48	.10	8	29	1.33	63	.22	6	1.59	.03	.10	1	3
4847	5	67	20	52	1.5	5	1	565	3.38	6	5	ND	3	37	1	4	2	24	.61	.10	7	10	1.14	72	.24	7	1.25	.02	.11	1	4
4848	18	34	16	61	1.4	12	1	442	2.00	6	5	ND	1	30	1	4	4	68	.77	.08	4	15	.71	68	.21	6	1.10	.02	.10	1	1
4849	2	29	11	39	1.0	6	2	500	1.85	5	5	ND	1	25	1	2	5	22	.77	.09	4	13	.71	71	.22	5	1.13	.02	.11	1	1
4850	2	62	12	40	.7	12	7	498	1.84	2	5	ND	1	17	1	2	6	23	.71	.05	3	11	.61	60	.20	5	1.02	.03	.09	1	1
4851 silt	2	40	14	89	.2	592	33	843	5.31	4	14	ND	2	44	1	2	2	46	1.02	.07	4	683	7.88	64	.12	16	1.56	.02	.08	1	1
4852	1	13	5	47	.3	11	5	968	2.13	6	6	ND	7	1803	1	2	5	26	17.34	.07	3	15	.82	42	.11	5	1.31	.02	.06	2	1
4853	1	12	13	88	.3	29	8	924	4.51	19	5	ND	1	48	1	3	2	58	1.80	.08	10	38	1.40	92	.19	9	2.73	.03	.10	1	2
4854	1	36	11	69	.1	10	6	622	2.93	5	5	ND	1	43	1	2	2	43	1.81	.11	7	11	.70	101	.15	7	1.85	.03	.13	1	2
4855	1	16	7	79	.2	3	10	1305	4.04	11	5	ND	3	632	1	4	2	63	5.76	.08	7	9	1.12	150	.20	6	2,09	.03	.11	1	1
4856	1	12	3	34	.2	1693	71	451	3.38	4	5	ND	1	2	1	2	4	11	.02	.01	3	484	13.14	7	.01	12	.21	.01	.01	1	1
4857	2	2	8	25	.2	1689	74	599	3.48	2	5	ND	1	3	1	8	2	18	.51	.02	3	614	14.72	5	.01	48	.57	.01	.01	1	1
4858	1	3	5	30	.3	1933	79	710	4.07	3	5	ND	1	1	1	2	2	21	.03	.01	5	1102	15.61	1	.01	51	.34	.01	.01	1	3

FOX GEOLOGICAL PROJECT - GETTY 125-2 FILE # 85-1960

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
4901 Soils	6	21	2	49	.1	1447	50	580	3.89	4	5	ND	1	18	1	2	2	32	.36	.04	9	788	14.45	43	.06	25	.91	.02	.03	1	2
4902	7	18	2	41	.1	1450	58	666	4.15	2	5	ND	1	13	1	2	2	28	.38	.03	6	927	15.94	37	.04	24	.80	.01	.03	1	2
4903 Soils	7	19	2	51	.1	1413	55	648	4.15	2	5	ND	1	14	1	2	2	28	.39	.03	8	865	16.00	34	.05	22	.81	.01	.03	1	4
4914	1	9	10	11	.2	51	3	210	.81	2	5	ND	1	31	1	4	2	15	3.51	.01	4	9	.45	678	.07	6	2.64	.15	.05	1	2
4915	1	124	6	16	.4	119	10	568	2.37	2	5	ND	1	13	1	2	2	93	5.88	.02	3	66	1.86	22	.12	7	1.79	.01	.01	1	1
4916	1	28	4	17	.1	22	2	222	.77	3	5	ND	1	3	1	2	2	5	.04	.01	2	18	.06	38	.01	3	.08	.01	.03	1	2
4917	1	20	5	14	.2	87	5	131	.86	2	5	ND	1	6	1	2	2	5	.08	.04	4	29	.30	61	.01	2	.26	.01	.13	1	21
4918	1	86	7	69	.2	59	9	453	1.87	3	5	ND	2	4	1	2	2	11	.13	.01	6	17	.15	70	.01	4	.17	.01	.06	1	3
4919	1	4	2	1	.1	5	1	46	.33	2	5	ND	1	1	1	2	2	1	.01	.01	2	4	.01	3	.01	2	.01	.01	.01	1	2
4920	1	19	6	54	.1	64	5	299	1.88	2	5	ND	2	4	1	2	2	13	.04	.01	7	14	.18	45	.01	2	.20	.04	.02	1	2
4921	1	51	2	18	.1	694	24	354	2.30	7	5	ND	1	1	1	2	2	25	.01	.02	3	732	.72	7	.01	5	.31	.01	.01	1	2
4922	1	8	2	3	.1	20	1	65	.38	2	5	ND	1	1	1	2	2	2	.01	.01	2	10	.02	10	.01	2	.02	.01	.01	1	3
4923	1	28	6	29	.1	46	7	204	.96	6	5	ND	1	4	1	2	2	4	.06	.03	5	11	.02	113	.01	2	.02	.01	.01	1	3
4924	1	11	5	8	.1	81	4	136	.67	2	5	ND	1	37	1	3	2	7	.09	.01	2	38	.41	17	.02	2	.20	.01	.03	1	2
4925	1	28	8	56	.3	120	15	416	3.95	4	5	ND	1	7	1	2	2	46	1.66	.06	4	7	.78	23	.25	5	1.48	.05	.01	1	1

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GEOCHEMICAL LABORATORY METHODOLOGY - 1981

SAMPLE PREPARATION

1. Soil samples are dried at 60°C and sieved to -80 mesh.
2. Rock samples are pulverized to -100 mesh.

Geochemical Analysis for Ag*, Bi*, Cd*, Co, Cu, Fe, Mn, Mo, Ni, Pb, Sb*, V, Zn

0.5 gram samples are digested hot dilute aqua regia in a boiling water bath and diluted to 10 ml with dimineralized water.

All the above elements are determined in the acid solution by Atomic Absorption.

* demotes background correction.

Geochemical Analysis for Au

10.0 gram samples that have been ignited overnite at 600°C are digested with hot dilute aqua regia, and the clear solution obtained is extracted with Methyl Isobutyl Ketone.

Au is determined in the MIBK extract by Atomic Absorption using background correction (Detection Limit = 5 ppb direct AA and 1 ppb graphite AA.)

Geochemical Analysis for Au, Pd, Pt, Rh

10.0 - 30.0 gram samples are subjected to Fire assay preconcentration techniques to produce silver beads.

The silver beads are dissolved and Au, Pd, Pt, and Rh are determined in the solution by Atomic Absorption.

Geochemical Analysis for As

0.5 gram samples are digested with hot dilute aqua regia and diluted to 10 ml.

As is determined in the solution by Graphite Furnace Atomic Absorption.

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Geochemical Analysis of Hg

Digestion

A .50 gram sample is digested with aqua regia and diluted with 20% HCl.

Determination

Hg in the solution is determinated by cold vapour AA using F & J Scientific Hg assembly. An aliquot is added to stannous chloride-hydrochloric acid solution. The reduced Hg is swept out of the solution and passed into the Hg cell where it determined by AA.

Oxalic Acid Leach of Rock, Soil & Silt Samples

A .50 gram sample is digested hot with 10 mls 5% oxalic acid solution. The oxalic acid will dissolve Fe and Mn from their oxided of M - 1 fraction (but not from magnetite & ilmenite) limonites and clays. The following metals are analysed by atomic absorption : Cu, Zn, Pb, Ni, Mo, Fe & Mn.

Cold HCl Acid Extraction

A .50 gram sample is leached with 10 ml 5% HCl solution at room temperature for 2 hours with ocasional shaking. Copper is dissolved from the organic and surface layers of clay fractions.

EDTA Extraction

A .50 gram sample is leached at room temperature for 4 hours with 10 mls of 2.5% EDTA solution.

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Geochemical Analysis for Barium

0.1 gram samples are digested with hot NaOH and EDTA solution.

Ba is determined in the solution by Atomic Absorption.

Geochemical Analysis for Uranium

0.5 gram samples are digested with hot aqua regia and diluted to 10 ml.

Aliquots of the acid extract are solvent extracted using a salting agent and aliquots of the solvent extract are fused with NaF, K_2CO_3 and Na_2CO_3 flux in a platinum dish.

The fluorescence of the pellet is determined on the Jarrel Ash Fluorometer.

Geochemical Analysis for Tungsten

1.0 gram samples are fused with KCl, KNO_3 and Na_2CO_3 flux in a test tube, and the fusions are leached with 10 ml water. W is in the solution determined by ICP with a detection of 1 ppm.

Geochemical Analysis for Fluorine

0.25 gram samples are fused with sodium hydroxide and leached with 10 ml water. The solution is neutralized, buffered, adjusted to pH 7.8 and diluted to 100 ml.

Fluorine is determined by Specific Ion Electrode using an Orion Model 404 meter.

Geochemical Analysis for Tin

1.0 gram samples are fused with ammonium iodide in a test tube. The sublimed iodine is leached with dilute hydrochloric acid.

The solution is extracted with MIBK and tin is determined in the extract by Atomic Absorption.

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Multi Element Analysis by ICP

Digestion of Sample

0.5 gram samples are digested with hot aqua regia for one hour and the sample is diluted to 10 ml. The diluted sample is aspirated by ICP and the analytical results are printed by Telex, either in percent or ppm as shown.

Please Note : This digestion is partial for Al, Ca, La, Mg, P Ti, W and very little Ba is dissolved.

Report Format

HO/22N 385ØW
EGC

BURN # 1 GE16 15:46 3FEB1981

IS
1357

MO	CU	PB	ZN	AG	NI	CO	MN	FE%	AS
3.92	41.5	9.ØØ	136	.332	15.3	5.7Ø	312	3.167	5.73
U	IS	TH	IS	CD	SB	BI	V	CA%	P%
4.11	.371	.424	1Ø73	.96Ø	1.94	4.51	52.7	1.1Ø7	.2Ø6
LA	IN	MG%	BA%	TI%	B	AL%	IS	IS	W
22.1	3.5Ø	.2589	.Ø184	.ØØ14	-.Ø5	1.72Ø	Ø	3.Ø6	.276

*0/M1
EGC

BURN # 1 GE16 15:48 3FEB1981
1358

.563	29.3	34.6	171	.154	33.4	11.5	794	2.536	8.77
3.57	.Ø44	2.79	765	1.Ø8	.635	4.25	54.8	.6452	.1Ø9
6.42	2.88	.6ØØ8	.Ø252	.Ø753	-.37	1.944	Ø	2.32	-.61

Code :

HO, *0, EGC	Computer Intructions.
/22N 3850 W	Sample Number.
/M1	ACME Geochem standard for quality control.
15:46 3FEB1981	Time and Date of Analysis.
BURN # 1 GE16	Geochem Computer Program.
IS	Internal Standard.

APPENDIX II

DETAILED THIN SECTIONS AND HAND SAMPLE DESCRIPTIONS

by

Vancouver Petrographics Limited

Serpentine West MPu TS-5 4089 Plagioclase Porphyry Dike

The rock contains very coarse plagioclase phenocrysts in a fine grained groundmass of plagioclase, epidote, chlorite, K-feldspar, quartz, and opaque. It contains amygdules dominated by chlorite, epidote, and quartz, with lesser biotite, hematite/pyrite, and plagioclase.

phenocrysts	
plagioclase	25-30%
groundmass	
plagioclase	30-35
epidote	12-15
chlorite	5- 7
K-feldspar	5- 7 ?
quartz	1- 1½
opaque	1½-2

secondary patches	
chlorite	5- 7%
epidote	2- 3
quartz	1½-2
biotite	0.3
hematite/pyrite	0.1
plagioclase	minor

Plagioclase forms prismatic to tabular phenocrysts up to 1 cm in length. Most are moderately altered to irregular disseminated patches of epidote, and a few contain very fine grained patches of chlorite.

Groundmass plagioclase forms prismatic laths from 0.1-0.3 mm in length, and equant grains from 0.05-0.1 mm in size. These are much less altered than the phenocrysts, suggesting a more sodic composition.

Epidote forms disseminated, very fine to fine grained, irregular patches throughout the groundmass.

Chlorite forms irregular, very fine to extremely fine grained patches throughout the groundmass.

K-feldspar occurs throughout the groundmass as equant, anhedral grains averaging 0.05-0.1 mm in size. It is difficult to impossible to distinguish from plagioclase in thin section (untwinned, equant grains). In the offcut slab, a strong yellow stain indicates its presence as disseminated grains.

Quartz occurs in a few interstitial patches up to 1 mm in size, with abundant intergrown plagioclase and lesser epidote grains surrounded by skeletal quartz grains in optical continuity throughout.

The presence of quartz and K-feldspar in the groundmass suggests a strong fractionation during crystallization, and the texture of quartz is suggestive of a granophyre.

Opaque (pyrite and magnetite) forms equant, subhedral grains from 0.03-0.1 mm in average size.

Secondary patches up to a few mm across show a wide variety of textures and compositions. A common variety shows thin, colloform-like growths of extremely fine grained epidote on walls, with very fine to fine grained chlorite in the interior. Chlorite shows a zoned composition, with a bright blue interference color in the outer zone and a mauve interference color and generally finer grain size in the core. Other patches contain rims of epidote and chlorite as above, with cores of quartz and/or epidote. These cores are fine to medium grained. Epidote in some shows subradiating textures of elongate prismatic grains; in others it forms fine grained, granular aggregates. Biotite occurs with chlorite as scattered grains and a few clusters of fine grain size. Pleochroism is from pale or light green to medium olive to grass green. One patch 0.5 mm long is dominated by a very fine grained aggregate of biotite and minor chlorite; this might represent an altered hornblende phenocryst. Hematite/pyrite forms a few anhedral grains up to 0.5 mm across. Plagioclase forms scattered, very fine grained patches near the borders of a few secondary patches.

Serpentine West 4763   Porphyritic Basalt

The rock contains phenocrysts of plagioclase and glomerophenocrysts of clinopyroxene in an extremely fine grained groundmass of the same minerals. Plagioclase is moderately to strongly altered to epidote?. The rock contains scattered patches of chlorite, in part possibly after original mafic minerals. It is cut by irregular breccia seams along which dusty opaque was deposited. Late veinlets are dominated by sodic plagioclase with lesser calcite and chlorite.

phenocrysts	
plagioclase	20-25%
clinopyroxene	10-12
patches	
chlorite	0.3
groundmass	
plagioclase-clinopyroxene	60-65
veinlets	
sodic plagioclase	1- 2
calcite	0.3
chlorite	minor
opaque in breccia seams	1- 1½

Plagioclase forms subhedral to euhedral prismatic phenocrysts from 1 to 1.5 mm in average size. They show combined Carlsbad and albite twinning, but no composition was determined. They are moderately to strongly altered to extremely fine grained epidote? which masks the optical properties of plagioclase, and is too fine grained to be identified. As well, epidote commonly forms scattered prismatic grains up to 0.15 mm in length randomly distributed through the plagioclase phenocrysts, and to a lesser extent in the groundmass.

Clinopyroxene occurs a clusters of phenocrysts up to 3 mm in size, with individual grains varying widely in size from less than 0.1 mm to over 2 mm. Most grain borders are rounded and slightly irregular. A few patches also contain inclusions up to 0.2 mm in size of light olive green chlorite.

Similar patches of chlorite occur in the groundmass. Some of these have convex margins, suggesting they occupy interstitial patches. Their origin is uncertain, possibly in part alteration of early mafic minerals (olivine?), and in part irregular amygdules (although their shape is atypical for amygdules).

The groundmass consists of extremely fine grained (0.01-0.02 mm) plagioclase and clinopyroxene in an unoriented intergrowth of equant to prismatic grains. Plagioclase is altered to epidote? as in the phenocrysts, and identification of many of the grains in the groundmass is impossible because of the fine size and alteration.

The rock is cut by irregular, braided breccia seams, along which was deposited dusty opaque (Mn-oxide?).

Late veinlets, which may in part be fracture filling along the breccia zones, are dominated by very fine grained sodic plagioclase with much less calcite and moderately less chlorite. One late fracture filling vein 0.3 mm across along one edge of the section consists of very fine to fine grained plagioclase (0.05-0.2 mm) with scattered grains of calcite of similar size.

SERPENTINE WEST ROCK SAMPLE DESCRIPTIONS

SAMPLE #	SAMPLE DESCRIPTION	SAMPLE TYPE
4087	greenish/grey siliceous tuff, sheared, 5% disseminated pyrite and pyrrhotite	grab
4088	green, fine-grained serpentinite, sample contains 1cm wide veinlet of magnetite	grab
4089	light brown/green serpentinite,1% disseminated magnetite crystals (up to 5mm)	grab
4090	orange/brown silicified breccia with serpentinite fragments, 2-3% disseminated pyrrhotite and <1% magnetite	float
4091	quartz boulder, iron oxide stained, minor calcite	float
4092	siliceous breccia, angular grey/black fragments, chalcedony/quartz stockworks	grab
4093	grey volcanic? rock, 5% disseminated pyrrhotite	float
4094	chloritic serpentinite, trace disseminated blue mineral (non-metallic)	grab
4095	green serpentinite, trace pyrite and magnetite	grab
4096	dark green, fine-grained serpenitinite, 5-8% disseminated magnetite	grab
4097	grey/green tuff, no visible sulphides	grab
4098	grey/brown banded, siliceous phyllite	grab
4099	quartz boulder, iron oxide stained on fractures, small (0.5-1cm) angular phyllite in quartz	float
4100	siliceous phyllite, small <1cm pods limonite	float

4101	dark brown, siliceous phyllite, iron oxide stained along fractures	float
4102	grey, fine-grained tuff?, 2-3% disseminated pyrrhotite	float
4103	green, siliceous tuff, veinlets of epidote, trace disseminated pyrite	float
4104	grey phyllite, trace pyrite	float
4105	green serpentinite,1-2% disseminated magnetite	grab
4182	siliceous phyllite, trace pyrite	grab
4183	siliceous phyllite, trace pyrite, magnetite	grab
4184	brecciated serpentinite, silica-rich matrix up to 5% mariposite locally trace pyrite, magnetite	float
4185	brecciated phyllite, siliceous matrix, quartz veinlets throughout sample, iron oxide stained	grab
4186	siliceous phyllite, iron oxide stained fractures, quartz veinlets throughout sample	grab
4187	serpentinite, siliceous, iron oxide stained, trace disseminated pyrite	grab
4188	phyllite, siliceous, iron oxide stained fractures, no visible fractures	grab
4518	black serpentinite, 3% irregular patches of magnetite	grab talus
4519	quartz boulder, iron oxide stained, massive 1% calcite	float
4520	grey/black serpentinite, 3% patchy magnetite, irregular quartz veinlet stockworks	grab talus
4521	quartz boulder, abundant (3-5%) mariposite	grab talus

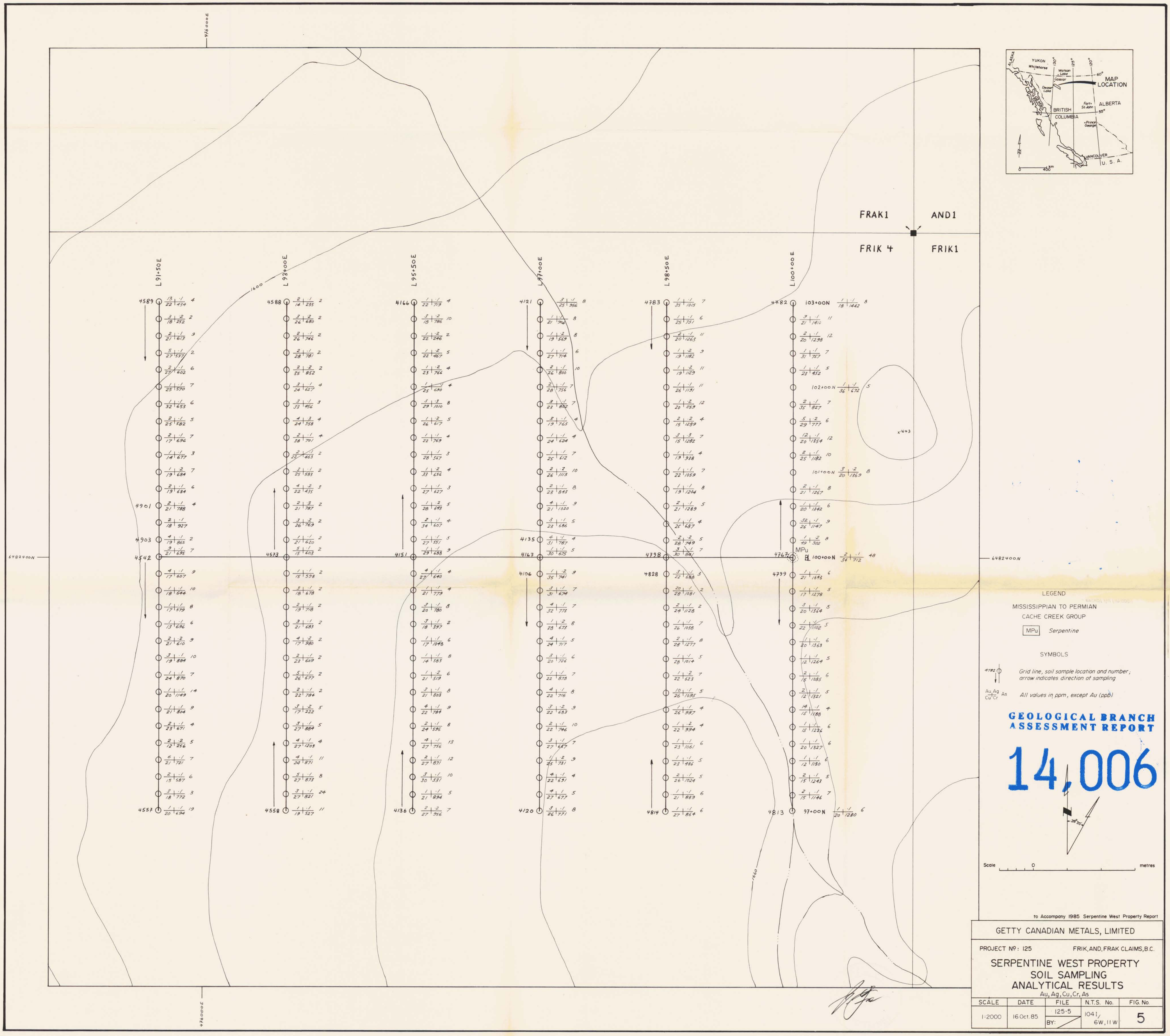
4522	phyllite, siliceous, 40% mariposite, weak quartz veinlet stockworks throughout sample	float
4523	phyllite breccia? silica matrix, iron oxide stained	float
4524	quartz boulder, trace disseminated pyrite and 1% limonite pods throughout sample	float
4525	green, siliceous greenstone?, 4% disseminated limonite pods (1-2mm)	float
4526	phyllite, siliceous, brecciated, silica matrix about 10% limonite in matrix	float
4527	quartz boulder, iron oxide stained, angular phyllite fragments in quartz	float
4528	quartz boulder, trace disseminated pyrite, phyllite fragments in quartz	float
4529	sheared serpentinite, siliceous	3.0 chip
4530	serpentinite, quartz veinlet stockwork, 3% fine-grained, disseminated magnetite	grab talus
4531	serpentinite, siliceous, 1% disseminated, fine-grained magnetite	grab talus
4532	green, siliceous serpentinite	grab talus
4533	quartz boulder, sub-angular, iron oxide stained	float
4534	greenstone, siliceous, 5% disseminated pyrite	float
4535	black phyllite with 2cm wide quartz vein, trace disseminated pyrite in quartz vein	float
4536	quartz boulder with abundant chlorite, 4-5mm veinlet of epidote in sample	float
4537	quartz boulder, graphite stringers and trace limonite	float

4538	quartz boulder, angular phyllite fragments and trace limonite	float
4539	banded chert?, dark bands contain up to 50% limonite	float
4540	serpentinite, very siliceous, trace magnetite	float
4541	amphibolite, very siliceous, 1% disseminated pyrite	float
4742	serpentinite, siliceous, possible shear zones	grab
4743	quartz boulder, iron oxide stained on fractures, boulder is rounded	float
4744	phyllite, very siliceous, iron oxide stained on surfaces, 1% disseminated pyrite	float
4745	serpentinite, grey/green, possible shear zone	grab
4746	breccia zone in serpentinite, chalcedony/ quartz veinlet stockwork, iron oxide, 1% disseminated pyrite	float
4747	serpentinite, iron oxide stained, brecciated, 2% disseminated pyrite, pyrrhotite	float
4748	phyllite breccia, very siliceous, <1% disseminated pyrrhotite	float
4749	breccia, siliceous, serpentinite?, iron oxide stained	float
4750	shear zone in serpentinite, white to purple, silica-rich	grab
4751	serpentinite, siliceous, iron oxide stained, 5-8% disseminated magnetite	grab
4752	serpentinite, sheared, white to purple, 1% disseminated magnetite	grab
4753	serpentinite, very siliceous	grab

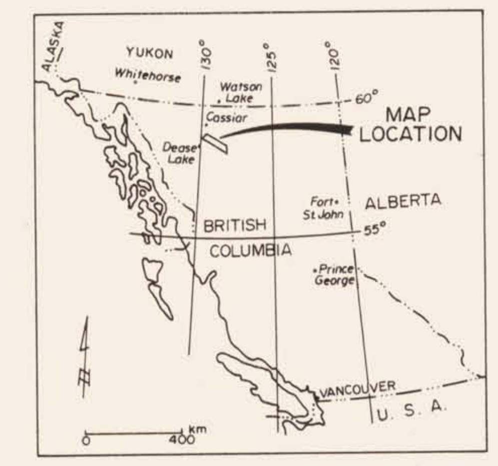
4754	serpentinite, siliceous, iron oxide stained, 3% disseminated magnetite	float
4755	quartz boulder, angular	float
4756	quartz boulder, fractured, <1% disseminated pyrite	float
4757	phyllite, siliceous, 1-2% disseminated pyrite	float
4758	serpentinite, very fine-grained, siliceous, black, 5% fine-grained magnetite	grab
4759	siliceous grey sediment?, no visible sulphides	float
4760	tuff?, greenish/grey, siliceous, 1-2% disseminated pyrrhotite	float
4761	phyllite, 4mx2m angular boulder, locally iron oxide stained on surface	float
4762	tuff?, green, silicous, 1% disseminated pyrrhotite	float
4763	volcanic, grey/green, fine-grained, fissile, weakly siliceous, no visible sulphides	grab
4764	phyllite, grey/black quite massive, beds up to 1m thick, no visible sulphides	grab
4765	same 4764	grab
4766	tuff, siliceous, grey/green, 2-3% disseminated pyrrhotite, boulder is rounded	float
4843	serpentinite, iron oxide stained, 2-3% fine-grained disseminated magnetite	grab
4844	serpentinite, green to lime green, foliated	grab
4845	phyllite, locally silty, no visibly sulphides	grab
4846	banded phyllite, 1-2% disseminated pyrite	grab
4847	shale, fissile, 1-2% disseminated pyrite	grab
4848	same as 4847	grab

4849	siliceous, black shale, 3-4% disseminated pyrrhotite. Rep. chip across in wide iron oxide stained zone.	rep.chip
4850	same as 4849, 5-6% disseminated pyrrhotite, weakly siliceous	grab
4852	medium-grained limestone, 1-2% disseminated pyrrhotite	grab
4853	silty sandstone, <1% disseminated pyrite	grab
4854	silty sandstone, <1% disseminated pyrite	grab
4855	silty sandstone, sheared, <1% disseminated pyrite	grab
4856	black/green serpentinite, iron oxide stained, 2-3% disseiminated magnetite	grab
4857	black to limegreen serpentinite	grab
4858	green to limegreen serpentinite	grab
4914	quartz boulder, chlorite	float
4915	greenstone?, siliceous, trace malachite	float
4916	black, brecciated phyllite, silica matrix, iron oxide stained	float
4917	same as 4916	float
4918	black phyllite, quartz veinlet stockwork	grab
4919	quartz boulder, trace of grey submetallic mineral	float
4920	altered phyllite, iron oxide stained, siliceous	grab
4921	quartz boulder,sericite & limonite stringers	float
4922	quartz boulder, black phyllite fragment inclusions	float

4923	black phyllite, siliceous, quartz & limonite stringers	float
4924	quartz/calcite boulder	float
4925	tuff?, 4% disseminated pyrite and pyrrhotite	float



476000E
6482400N
FRAK1
AND1
FRIK 4
FRIK1
L91+50E
L93+00E
L95+50E
L97+00E
L98+50E
L100+00E
103+00N
102+00N
101+00N
100+00N
97+00N
MPu
1600
1660
x1643
YUKON
Whitehorse
Watson Lake
Cassiar
Dease Lake
BRITISH COLUMBIA
ALBERTA
Fort St. John
Prince George
VANCOUVER
U.S.A.
MAP LOCATION
ALASKA
LEGEND
MISSISSIPPIAN TO PERMIAN
CACHE CREEK GROUP
MPu Serpentine
SYMBOLS
Grid line, soil sample location and number; arrow indicates direction of sampling
Au Ag / Cu Cr As
All values in ppm, except Au (ppb)
GEOLOGICAL BRANCH
ASSESSMENT REPORT
14,006
Scale 0 metres
to Accompany 1985 Serpentine West Property Report
GETTY CANADIAN METALS, LIMITED
PROJECT Nº: 125
FRIK, AND, FRAK CLAIMS, B.C.
SERPENTINE WEST PROPERTY
SOIL SAMPLING
ANALYTICAL RESULTS
Au, Ag, Cu, Cr, As
SCALE 1:2000
DATE 16 Oct. 85
FILE 125-5
BY:
N.T.S. No. 104I/6W, 11W
FIG. No. 5



Outcrop

4745 △ Bedrock sample location and number

4765 ▲ Float boulder sample location and number

4851 □ Silt sample location and number

Au, Ag, As / Cu, Cr — All values in ppm except Au (in ppb)

Scale 0 200 400 600 metres

GEOLOGICAL BRANCH ASSESSMENT REPORT

14,006

to Accompany 1985 Serpentine West Property Report

GETTY CANADIAN METALS, LIMITED

PROJECT Nº: 125 FRIK AND FRAK CLAIMS, B.C.

SERPENTINE WEST PROPERTY ROCK SAMPLE ANALYTICAL RESULTS

Au, Ag, Cu, Cr, As

SCALE	DATE	FILE	N.T.S. No.	FIG. No
1:10,000	16 Oct. 85	125-4 BY: dlp / CWP	104 I/ 6W, 11W	4

TRIASSIC

UPPER TRIASSIC

uЋs	*SINWA FORMATION: limestone, commonly argillaceous and fetid*
uЋst	*STUHINI FORMATION: siltstone, locally sandy siltstone, shale*

MISSISSIPPIAN TO PERMIAN

CACHE CREEK GROUP

MPu	*Serpentinite, massive, locally sheared and siliceous*
MPv	*Basic volcanics*
MPs	*Phyllite, grey-black, laminated*
MPst	*Tuff, sheared, siliceous*

Outcrop

Geological contact: defined, approximate, assumed

Bedding: inclined, vertical

Foliation: inclined

Fault, thrust fault (inclined)

Gossan

Float boulders

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,006

Scale 0 200 400 600 metres

to Accompany 1985 Serpentine West Property Report

GETTY CANADIAN METALS, LIMITED

PROJECT Nº: 125 FRIK, AND, FRAK CLAIMS, B.C.

SERPENTINE WEST PROPERTY

GEOLOGY

SCALE	DATE	FILE	N.T.S. No.	FIG. No.
1:10,000	16 Oct. 85	125-3 BY: dlp / CWP	104 I/ 6W, 11W	3