SAMPLING

on the

STAR CLAIMS

OMENICA MINING DIVISION

N.T.S. 94-C-5E and 94-C-12E

Lat.: 56°29'N Long.: 125°40'W

by

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1.0 Introduction

In July, 1998 three men spent two days sampling selected areas of the Star claims. The areas that were selected are underlain by either olivine clinopyroxenite which is known to host Pt-Pd+/-Au-bearing chalcopyrite-pyrrhotite mineralization or is underlain by sulphide-rich amphibolite. A total of 69 rock samples, 37 soil samples and 1 silt sample were collected. All samples were analysed for 30 elements by ICP and Au by fire assay/ICP. In addition, 69 rock samples, 35 soil samples and 1 silt sample were also analysed for Pt and Pd by fire assay/ICP.

Four specimens collected in 1996 were analysed for Au, Pt and Pd by fire assay/ICP. One sample was also submitted for thin section/SEM examination to determine the identity of some very fine grained silvery metallics noted in hand specimen.

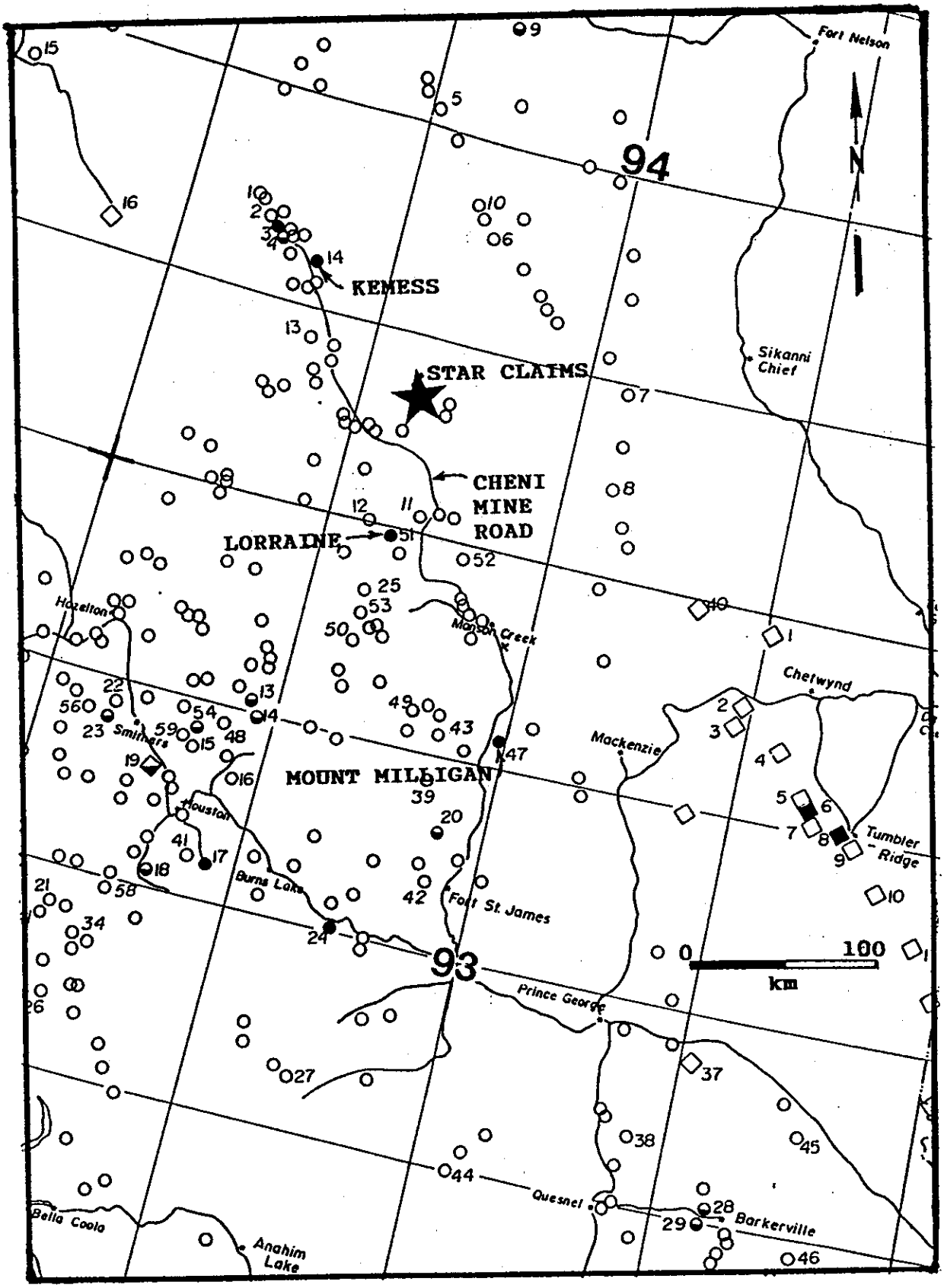
2.0 Location and Access

The Star claims, which are located on map sheets 94-C-5E and 94-C-12E, are 13 km northeast of Aiken Lake and 100 km almost due north of Germansen Landing.

Access to the property is by helicopter from Fort St. James. The Cheni Mine Road (Omineca Forestry Road) and the Kemess power line pass within 8 km of the property. Logging roads reach the outer boundary of the property.

3.0 Claim Data

Claim Name	Record Number	No. of Units
Star 1	334025	20
Star 2	334026	20
Star 3	334027	20
Star 4	334028	20
Star 5	334029	20



LOCATION MAP : STAR CLAIMS

FIGURE 1

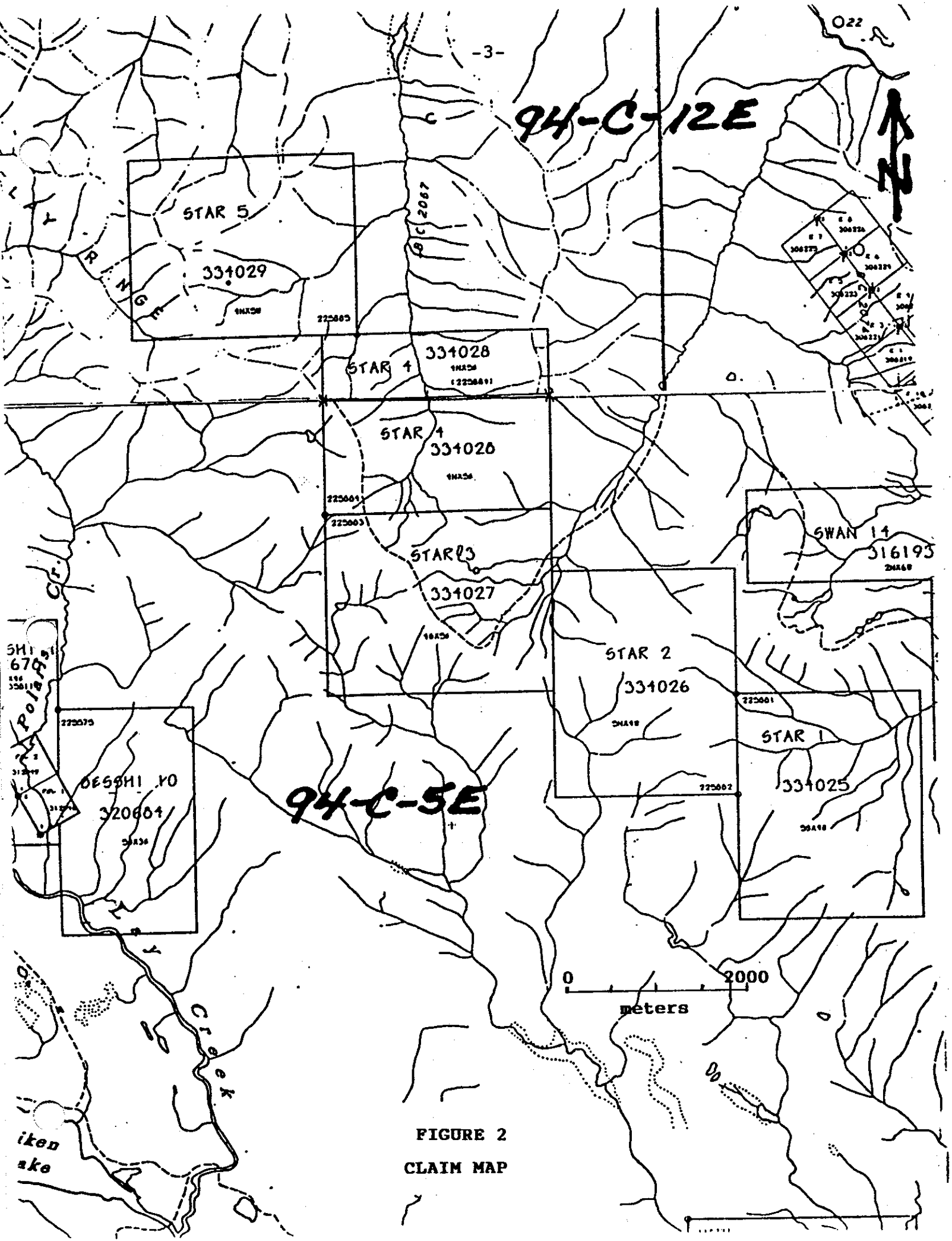


FIGURE 2

CLAIM MAP

4.0 History

The area of the Polaris Complex has been examined by R. G. McConnell in 1894, V. Dolmage in 1927, D. Lay in 1939 and J. E. Armstrong in 1945. The first mapping of the Polaris Complex was done by E. F. Roots in 1946, 1947 and 1948.

No geological activity is recorded until 1968 when T. N. Irvine made petrologic studies of the Polaris Complex. The area remained idle until 1974 when T. N. Irvine and F. H. Foster mapped the Polaris Complex in some detail.

In 1986, a small portion of the Polaris Complex was staked by Equinox Resources who conducted an extensive silt and rock sampling program over their ground in a search for Pt and Pd. In 1987, Lacana Mining Corporation and Esso Minerals also staked portions of the Polaris Complex. In 1988 and 1989, the Polaris Complex was mapped and petrologically studied by the BCDM as part of a Pt-chromite study.

The Star 1 - 5 claims were staked in February, 1995 to cover a unit of the Polaris Complex lithologically similar to the Voisey Bay nickel-cobalt discovery.

5.0 Regional Geology

The Polaris Complex is located in the Omineca Crystalline Belt which is bounded on the west by Triassic Takla volcanics and sediments. The eastern side of the Omineca Crystalline Belt is separated from the Upper Proterozoic Ingenika Group and the Wolverine Metamorphic Complex, which both consist of sediments and metasediments including gneisses and schists, by the Swannell Fault.

The area immediately west of the Polaris Complex is underlain by the Lay Range Assemblage which has also been called the Slide Mountain Group and the Harper Ranch Group by various authors. The lithologies consist of mafic tuffs, argillites, metavolcanics, metasediments and limestones and are of Middle Pennsylvanian to Permian in age.

The area to the east of the Polaris Complex is underlain by shale, argillite and limestone of either Upper Devonian to Lower Permian Big Creek Group, Cooper Ridge Group or the Slide Mountain Group.

The Polaris Complex, a crudely zoned ultramafic massif, is approximately 15 km long and 3 to 4 km wide. The core of the Complex is olivine-rich lithologies of dunite, peridotite and wehrlite. The outer phases become more pyroxenitic and range from olivine clinopyroxenite to pyroxenite to hornblende-magnetite pyroxenite and finally to hornblendite and metamorphosed, metasomatized volcanics and sediments. The Polaris Complex exhibits a thermal halo up to 2500 meters in width. In certain areas, the metasomatism has been so intense that hornblende crystals up to 1 meter in length have been observed.

The Polaris Complex and the surrounding area have been intruded by Late Triassic to Cretaceous syenites and diorites which are probably related to the Hogem Intrusive Complex. Potassium-argon dating of biotite forming a potassic halo around one intrusive in the Polaris Complex yielded ages of 167 ± 9 Ma and 156 ± 15 Ma.

Mineral deposits in the vicinity of the Polaris Complex include several high grade but small gold-bearing quartz veins associated with intrusive dykes in argillites, amphibolite containing coarsely crystalline pyrrhotite, pyrite, chalcopyrite and arsenopyrite as seams and as massive sulphide bodies up to 8 meters wide and 150 meters long and also shale-hosted zinc-lead sedex-type mineralization.

6.0 Property Geology

The Star claims are underlain by a variety of lithologies. Although no detailed mapping has been undertaken, it would appear that a central core of olivine-rich lithologies, including dunite and peridotite are bounded by a more pyroxene-rich lithology of olivine clinopyroxenite. Sampling along the ridge in Area 1 indicated that the ultramafic lithologies are layered, passing from dunite to peridotite to olivine clinopyroxenite. Other lithologies in this area include porphyritic hornblendite and porphyritic pyroxenite which are both located peripherally to a diorite intrusive suggesting that these lithologies are not primary

lithologies but metamorphic in nature and probably represent rafts of basic volcanic material within the ultramafic.

Coarse-grained to porphyritic amphibolite appears to form a discontinuous halo around the ultramafic lithologies. Once again, as in Area 1, diorite intrusives were noted in close proximity to the amphibolites suggesting this is not a primary lithology.

The ultramafic lithologies have been intruded by a variety of granitic intrusives ranging from gabbro, diorite, granite to alaskite and which occur as plugs and dykes. The intrusives have produced extensive alteration and pyrite haloes. Sediments such as siltstone and limestone have been thermally altered to biotite hornfels and marble.

The region of Area 3 also hosts what appears to be a vent? of limestone. This vertical, ovoid feature suggests some hotspring activity and is also located in close proximity to a granitic intrusive.

7.0 Mineralization

Three types of potentially economic mineralization occur on the Star claims and they are magmatic Ni-Co +/- Pt, Pd in the olivine-rich lithologies, Cu-Co-Ni-Pt-Pd +/-Au in the olivine clinopyroxenite and pyrite-chalcopyrite-bornite within and at the contacts of granitic intrusives.

Awaruite, pentlandite and heazlewoodite have been found disseminated relatively uniformly throughout the olivine-rich phases. In addition, gold, although sporadic in nature, also occurs in the olivine-rich lithologies. The gold does not appear to be related to sulphide mineralization and it is believed that it occurs as a discrete native metal.

The olivine clinopyroxenite and pyroxenite units are host to magmatic pyrite, chalcopyrite mineralization which occurs as coarse-grained disseminations forming up to 40% of a specimen. Previous sampling indicates the sulphide mineralization carries Pt, Pd and Au. The Pt and Pd are closely associated with chalcopyrite mineralization. However, Pt and Pd have been known to occur with no obvious sulphides being present suggesting that they also occur as discrete entities or may be possibly tied up with magnetite.

Pyrite, chalcopyrite and bornite occur as coarse-grained disseminations within dioritic intrusives and as haloes around the intrusives. The sulphide content of the intrusives and haloes ranges from 10 to 50%. Sulphides within the intrusives appear to carry virtually no precious metals while the haloes, some of which are hornfels, amphibolite or skarn have variable PGE values. The highest Pt and Pd values (1114 ppb and 990 ppb) respectively came from a sample of amphibolite.

Sampling in 1998 strongly indicates that the Cu-Pt-Pd-Au values are enhanced by the granitic intrusives. Sample 125971 which returned values of 3020 ppm Cu, 32 ppb Au, 101 ppb Pt and 143 ppb Pd were collected near the contact of a granitic intrusive.

Soil samples collected at the contact of a large, linear listwanite body located in Area 3 returned Pt and Pd values which, although not of economic values, are of interest. It is unclear whether the listwanite, the olivine clinopyroxenite underlying the listwanite or the contact between the two lithologies is the source of the PGE values. The presence of anomalous copper in the soils and the lack of copper in the listwanite plus the presence of a diorite intrusive suggests that the olivine clinopyroxenite or the contact are the most likely sources of the Pt and Pd values.

8.0 Alteration

Most alteration noted on the Star claims is a result of granitic intrusives. The most obvious type of alteration is listwanite which is composed dominantly of carbonate with lesser amounts of quartz and mariposite. The listwanite weathers to a bright orange. The largest listwanite body occurs as a long linear feature which is 500 meters long and 50 meters wide. All listwanites are located at the contact of granitic intrusives and ultramafics.

Pervasive carbonate alteration which lacks mariposite or quartz and which produces a bleaching effect on the ultramafic lithologies is also found at the contacts of granitic intrusives. This type of alteration does not appear to be a economic significance other than to indicate the presence of granitic activity. As discussed previously,

a pale grey vertical and ovoid vent? of limestone was noted in the vicinity of a granitic intrusive. It is unclear whether this feature is an alteration product of the nearby granite or whether it was formed from hot-spring activity.

Another alteration feature which also appears to be of granitic origin is albitization. Sample 125998 which is termed "syenite" in Area 3 is composed of high Na and Al. Other white, aphanitic bodies termed syenite located in Area 3 may also be albitized ultramafic.

A dark unidentified mica which may be phlogopite or biotite has been found sporadically throughout the olivine clinopyroxenite. The mica on occasion is very coarse grained reaching up to 2.5 cm in diameter. The mica also on occasion forms a substantial portion of a specimen, usually olivine clinopyroxenite, reaching up to 20%. In several locations mica-rich lithologies were seen forming a halo around "syenite" intrusives suggesting the mica is not primary but an alteration product. The mica in these areas was also accompanied by quartz-Kspar-epidote-carbonate veinlets suggesting a potassic alteration halo.

Both the olivine pyroxenites and to a lesser extent the dunites have undergone serpentinization of variable intensity. Specimens range from waxy green with no primary features remaining to fresh-looking. The degree of serpentinization does not appear to be of economic significance.

Alteration of the granitic intrusives varies in intensity from relatively non-altered to intensely bleached or occasionally totally replaced by pervasive fine-grained epidote. Minor potassic alteration consisting of K-spar has also been noted. The granitic intrusives have, however, produced thermal and pyritic haloes. Skarns, amphibolite and biotite hornfels have been produced by the granitic intrusives regardless of the size of the granitic intrusive.

The amphibolite units which are believed to be a part of a metamorphic thermal halo appear fresh. The degree of metamorphism is reflected by grain size which ranges from coarse-grained to porphyritic.

9.0 Work Program

In July 1998, three men spent two days sampling selected areas of the Star claims. The areas that were selected are underlain by either olivine clinopyroxenite which is known to host Pt-Pd+/-Au bearing chalcopyrite-pyrrhotite mineralization or is underlain by sulphide-rich amphibolite. A total of 69 rock samples, 37 soil samples and 1 silt sample were collected. All samples were analysed for 30 elements by ICP and Au by fire assay/ICP. In addition, 69 rock samples, 35 soil samples and 1 silt sample were also analysed for Pt and Pd by fire assay/ICP.

Alternate soil and rock samples from Area 1 were collected approximately every 25 meters. Soil samples of what is believed to be residual material were collected at a depth of 12 to 20 cm.

Rock samples from Areas 2 and 4 are grab samples.

Soil samples from Area 3 were collected approximately every 25 meters at a depth of 12 cm. The soil is residual material.

Four specimens collected in 1996 were analysed for Au, Pt and Pd by fire assay/ICP. One sample was submitted for thin section/SEM examination in order to determine the identity of some very fine grained silvery metallics noted in hand specimen.

10.0 Sample Descriptions

Sample Number	Sample Description	Cu ppm	Au ppb	Pt ppb	Pd ppb	Ag ppm	Ni ppm	Co ppm
125952	Medium grey, m.g. diorite; fresh; 50% plagioclase; 50% pyroxene; non-magnetic	115	3	8	8			
125953	Gabbro; dark grey black; fresh; 30% feldspar; 70% pyroxene; non-magnetic	8	3	8	8			
125954	Dark grey, v.f.g. contact rock of 125953; slightly rusty; non-magnetic	5	2	2	1			
125955	Black, c.g. to porphyritic pyroxenite with minor interstitial white feldspar and chalcopyrite; trace bornite?; magnetic	460	2	34	39	0.3		
125956	Medium grey, m.g. diorite with 45% feldspar, 45% pyroxene, 5% quartz and 5% muscovite; trace chalcopyrite	159	3	9	9			
125957	Medium grey aphanitic contact phase of 125956; 10% silvery metallic; non-magnetic	53	2	2	4			
125958	Black porphyritic hornblendite with minor interstitial c.g. pyroxene?; minor magnetite; trace chalcopyrite	182	1	6	7			
125959	Medium grey v.f.g. clinopyroxenite; minor sericite and olivine; non-magnetic; trace chalcopyrite	23	1	3	4			
125960	Black c.g. olivine clinopyroxenite; pyroxene crystal faces 1.5 cm; very weakly magnetic; trace v.f.g. disseminated chalcopyrite and bornite	14	1	3	3		264	45
125961	Dark grey dense dunite; non-magnetic	6	2	3	3		1228	90
125962	Dark grey dense dunite; non-magnetic; trace bornite	1833	32	82	146	0.7	575	36
125963	Dark grey dense olivine clinopyroxenite; weak to non-magnetic; trace bornite?	12	2	9	6		234	30
125964	Black dense dunite; non-magnetic	12	4	7	3		1337	107
964+25	Soil	82	35	NA	NA		381	59
125965	Dark grey dense dunite; non-magnetic	7	2	8	2		1243	104
965+25	Soil	45	1	6	2		489	66
125966	As 125965	8	2	51	2		1131	107
966+25	Soil	104	3	2	2		129	23
125967	Dark grey peridotite; strong to non-magnetic; trace chalcopyrite	19	2	12	11		987	82
967+25	Soil	123	1	13	8		219	37
125968	Dark grey olivine clinopyroxenite; moderately magnetic	10	4	7	5		1228	88
968+25	Soil	562	8643	32	24	2.5	239	110
125969	As 125968; very rusty on surface	3239	7	37	46	1.1	415	42
969+25	Soil	492	35	0	3	0.4	32	30

Sample Number	Sample Description	Cu ppm	Au ppb	Pt ppb	Pd ppb	Ag ppm	Ni ppm	Co ppm
125970	Dark grey olivine clinopyroxenite; moderately magnetic; very rusty on surface; trace chalcopyrite	31	2	36	33		259	35
125971	Dark grey olivine clinopyroxenite; non-magnetic; trace chalcopyrite and bornite disseminated and in pyroxene lattices	3020	39	277	254	1.0	801	62
125972	Dark grey v.f.g. diorite with phenocrysts of black pyroxene (av. 0.75 cm); secondary biotite; 7% sulphides (pyrite, pyrrhotite, chalcopyrite, bornite); non-magnetic	36	12	1	4			
125973	Dark grey m.g. olivine clinopyroxenite; strongly magnetic; trace chalcopyrite and bornite	672	7	14	18		165	42
125974	Dark grey m.g. olivine clinopyroxenite; 5% silvery metallic; trace chalcopyrite	10	2	8	11		349	45
125975	Medium grey v.f.g. slightly chloritized diorite with 5% pyrite, trace chalcopyrite; cut by white carbonate veinlets; non-magnetic	272	4	7	9			
125976	As 125975; carbonate veining pink	394	2	18	28			
125977	Greyish white carbonate with occasional light grey replaced fragment of volcanic? v.f.g. diorite?; no visible sulphides; very rusty on surface	18	0	1	2			
125978	Whitish carbonate and totally replaced fragments of v.f.g. diorite?; cut by yellow green epidote-rich carbonate veinlets; trace v.f.g. silvery metallic	6	1	1	2			
125979	Light grey v.f.g. diorite?; texture totally by carbonate-chlorite replacement; 7% pyrite; 1% chalcopyrite; heavy rust on surface	488	7	5	4			
125980	Dark grey pyroxenite/gabbro with minor white interstitial feldspar patches; strongly magnetic; cut by white carbonate veinlets with minor epidote and trace chalcopyrite	65	6	6	11			
125981	Dark grey highly altered (carbonated?) pyroxenite; strongly magnetic; cut by white carbonate veinlets with trace silvery metallic; trace chalcopyrite and bornite	21	1	13	10			
125982	Black c.g. pyroxenite; very magnetic; minor white interstitial feldspar; trace pyrite	353	20	10	12	0.5		
982+0	Soil	14	5	3	0			
125983	Black very altered (carbonated?) pyroxenite; textureless; cut by white carbonate veinlets; 3% pyrite, trace chalcopyrite; non-magnetic; very rusty on surface; minor malachite stain	1391	22	5	5	0.7		
125984	Black c.g. olivine clinopyroxenite; very magnetic; 2% pyrite, chalcopyrite, bornite; minor malachite stain	2697	32	94	84	2.7		

Area 1

Area 4

Area 4

Sample Number	Sample Description	Cu ppm	Au ppb	Pt ppb	Pd ppb	Ag ppm	Ni ppm	Co ppm
125985	Black c.g. olivine clinopyroxenite; very magnetic; 1% pyrite, chalcopyrite; malachite stain; possible chalcocite rims on rusty patches; rock surface very rusty	1389	32	101	143	1.6		
125986	Black pyroxenite/olivine pyroxenite; v.c.g. to porphyritic; very magnetic with v.c.g. magnetite crystals; cut by white carbonate veinlets; trace v.v.f.g. disseminated chalco-pyrite	18	3	3	7			
125987	Dark grey olivine clinopyroxenite; c.g.; non-magnetic; trace v.v.f.g. disseminated pyrite and chalcopyrite; trace v.v.f.g. awaruite	1085	14	29	63	0.4	564	82
987+25	Soil	1589	12	92	78		641	80
125988	Black olivine clinopyroxenite; c.g.; non-magnetic; 0.5% pyrite, chalcopyrite	89	1	31	18		122	30
988+25	Soil	142	2	32	14		767	82
125989	Dark grey c.g. phlogopite-rich olivine clinpyroxenite; non-magnetic; trace v.v.f.g. disseminated pyrite and awaruite	46	1	17	4		445	71
989+25	Soil	79	2	23	12		1056	93
125990	Dark grey olivine clinopyroxenite; moderately magnetic; trace v.v.f.g. disseminated chalco-pyrite, pyrite and awaruite	49	3	178	110		357	61
125991	Black, v.c.g. olivine clinopyroxenite; moderately magnetic; no visible sulphides; very rusty on surface	89	4	27	30		307	66
991+25	Soil	563	6	52	41		355	64
125992	Dark grey, m.g. phlogopite-rich olivine clinopyroxenite; non-magnetic; trace v.v.f.g. disseminated chalcopyrite	5	2	7	9		1269	95
992+25	Soil	49	3	2	19		1238	83
125993	Dark grey, m.g. phlogopite-rich olivine clinopyroxenite; very magnetic; trace v.v.f.g. disseminated pyrite	873	24	56	63	0.6	299	68
993+25	Soil	37	0	27	39		1151	99
125994	Black olivine clinopyroxenite; very fresh looking; very strongly magnetic; trace v.f.g. disseminated chalcopyrite	144	3	34	47		194	48
125995	Black v.c.g. olivine clinopyroxenite; very magnetic; trace v.f.g. disseminated chalcopyrite; malachite stain	1881	20	56	46	1.4	129	20
125996	Black olivine clinopyroxenite; magnetite on fractures but main rock non-magnetic; malachite stain; 0.5% chalcopyrite, bornite	2415	20	104	111	1.1	298	44

Area 1

	Sample Number	Sample Description	Cu ppm	Au ppb	Pt ppb	Pd ppb	Ag ppm	Ni ppm	Co ppm
Area 1	125997	Black olivine clinopyroxenite; very magnetic; 0.5% v.v.f.g. disseminated chalcopyrite; malachite staining; patches of c.g. muscovite	3299	13	45	56	1.0	262	98
Area 3	125998	White carbonate (listwanite?) with light grey patches of altered ultramafic?; trace rusty patches	7	1	NA	NA	0.6		
	125999	Rusty buff carbonate listwanite cut by numerous white cross-cutting carbonate veinlets with mariposite; trace v.f.g. disseminated silvery metallic and pyrite	2	3	NA	NA			
	126000	Medium greenish grey carbonated, serpentinized harzburgite?; aphanitic with relict pyroxene phenocrysts?; minor red hematite alteration; cut by white and pink (from hematite) carbonate veinlets; 0.5% pyrite; trace chalcopyrite usually concentrated in relict pyroxene phenocrysts; rusty on surface	12	1	NA	NA		145	45
Area 2	A	Black, v.c.g. pyroxenite with 1 cm phenocrysts; patches of f.g. greenish epidote?; 10-25% sulphide dominantly pyrite, minor chalcopyrite usually concentrated in f.g. areas; patchily magnetic; very rusty on surface	137	1	12	17	0.4		
	B	Ribboned diorite; banded almost with sedimentary appearance ranging from m.g. dark grey diorite to light grey v.f.g. muscovite diorite; sheared; non-magnetic; trace pyrite	70	2	1	3			
	C	Black, v.c.g. pyroxenite with f.g. patches of epidote as in A; 7% pyrite, chalcopyrite; minor tremolite; moderately magnetic; rusty on surface	277	2	16	16			
	D	Black, c.g. pyroxenite; very magnetic; areas of finer grained pyroxenite; 10% pyrite, trace chalcopyrite; cut by white carbonate veinlets	190	1	16	16			
	E	Black, v.c.g. pyroxenite; cut by white carbonate veinlets; very magnetic; trace disseminated pyrite	253	0	8	8	0.4		
	F	M.g. greenish grey diorite; 50% feldspar, 50% biotite; green colour due to pervasive epidote; moderately magnetic; 10% disseminated pyrite; cut by bands of yellow green highly epidotized material	54	0	1	1			
	G	Black, v.c.g. amphibolite; 20% pyrite clots disseminated throughout; minor white interstitial v.f.g. feldspar; moderate to strongly magnetic; very rusty on surface	630	3	5	5	0.5		
	H	Black, v.c.g. amphibolite; 10% pyrite and chalcopyrite; non-magnetic	207	2	7	8			

	Sample Number	Sample Description	Cu ppm	Au ppb	Pt ppb	Pd ppb	Ag ppm	Ni ppm	Co ppm
Area 2	I	Medium greenish grey siltstone? with black remnant patches of pyroxene?; 20% pyrite usually as c.g. disseminations but also in tension gashes and veinlets	93	1	2	3			
	J	Black, c.g. pyroxenite with 1% disseminated pyrite; very magnetic; rusty on surface	621	3	10	10	0.5		
	K	White, c.g. carbonate with light grey quartz patches; no visible sulphides; listwanite?	7	0	NA	NA			
	L	Black, v.c.g. pyroxenite with patches of v.f.g. sucrosic epidote with sulphides; heavily stained by varnish and limonite; numerous c.g. vugs occasionally lined with limonite; patchily magnetic	689	2	24	29	0.7	163	49
	M	Medium greenish grey siltstone; green from minor chlorite; 20% c.g. disseminated pyrite; non-magnetic; very rusty on surface	169	1	2	2			
	N	Ferricrete with bands of c.g. muscovite and trace of disseminated pyrite; very strongly magnetic	830	8	54	73	0.9	120	13
Area 3	O	Light grey carbonate with 10% disseminated pyrite and 30% reddish patches which may be incipient garnet or hematite	66	4	Na	NA		214	46
	P	White to pale green intensely silicified listwanite; cut by white carbonate and sucrosic quartz veinlets; moderately pervasive mariposite; no visible sulphides; very rusty on surface	8	0	NA	NA		131	30

11.0 Results and Conclusions

1. Sampling has shown that elevated Pt and Pd values are closely associated with Cu values although as in the case of sample 125990 no Cu is present suggesting that the Pt and Pd may be associated with the pyrite or magnetite noted in hand specimen or may occur as particulate metals.

2. Although the olivine clinopyroxenite is the most favourable lithology for hosting Cu-Pt-Pd sample 125962 which is a dunite hosts bornite with Pt and Pd values.

3. Cu-Pt-Pd values are enhanced when granitic intrusives are present suggesting mobility of Pt and Pd.

4. Soil samples of presumable residual origin collected along the ridge in Area 1 do not reflect the values in rock samples. It would appear that soil development is only partially residual with a large part of the soil being of glacial origin. This would suggest that soil sampling may not be an effective exploration tool.

5. Sampling has indicated substantial evidence of granitic activity. Alteration such as secondary biotite, muscovite, listwanite, albitite, quartz stockwork plus metamorphic minerals such as garnet, marble and biotite hornfels could be useful indicators of enhanced Pt and Pd values.

6. Geochemical analysis and hand specimen examination indicates that the Polaris Complex is layered.

7. Sampling in Area 1 has indicated several Cu-Pt-Pd-bearing zones which require more detailed sampling.

8. Sampling in Area 3 has outlined 500 meters of intermittent anomalous Cu-Pt-Pd values. Further sampling is required to determine the source of the Cu-Pt-Pd values.

9. Four samples that were collected in 1996 were reanalysed for Au, Pt and Pd. No precious metal values were returned.

10. Thin section/SEM examination of a hand specimen with unidentifiable silvery metallics indicates that the metallics are hematite. Minor Ni(Fe) sulphides were noted in the thin section.

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Assessment Report 24300, Geologic Report on the Star Claims, by U. Mowat, P.Geo., February 1996.

Assessment Report 25002, Geochemical and Petrographic Report on the Star Claims, by U. Mowat, P. Geo., February 1997.

Assessment Report 25488, Geochemical Report on the Star Claims, by U. Mowat, P.Geo., April 1998.

13.0 Statement of Costs

Analytical Work

46 rock samples analysed for 30 elements by ICP and geochem Au, Pt, Pd by Ultra/ICP at $17.40/sample	$ 800.40
46 rock preps at $4.25/sample	195.50
GST	69.71
	$1065.61
44 rock samples analysed for 30 elements by ICP and Au by fire assay/ICP at $15.35/sample	$ 675.40
13 rock samples analysed for 30 elements by ICP and geochem Au, Pt, Pd by Ultra/ICP at $17.40/sample	226.20
19 rock preps at $4.25/sample	80.75
37 soil preps at $1.35/sample	49.95
1 silt prep at $1.35/sample	1.35
GST	72.36
	$1106.01
21 pulps analysed for Pt and Pd by Ultra/ICP at $3.25/sample	$ 68.25
GST	4.78
	$ 73.03
4 rock samples analysed for Au, Pt and Pd by Ultra/ICP at $12.00/sample	$ 48.00
4 rock preps at $4.25/sample	17.00
GST	4.55
	$ 69.55
15 pulps analysed for Pt and Pd by Ultra/ICP at $3.25/sample	$ 48.75
GST	3.41
	$ 52.16
1 thin section/SEM analyses	$ 108.07

Helicopter

3.8 hours at $630.00/hour	$2394.00
433.2 liters at $0.70/liter	303.24
GST	188.80
	$2886.04
3.6 hours at $630.00/hour	$2268.00
410.4 liters at $0.70/liter	287.28
GST	178.87
	$2734.15

Labour

1 man for 2 days at $250.00/day	$ 500.00
1 man for 2 days at $200.00/day	400.00
1 man for 14 days at $400.00/day	6400.00
	$7300.00

Accommodation

1 room for 5 nights at $49.46/night	$ 247.30
Meals	$ 149.25
Freight	$ 282.65
Airfare	$ 57.94
Bus	$ 9.82
Equipment	$ 73.00
Photos	$ 5.00
Taxi	$ 15.00
Reproduction	$ 272.07
TOTAL	$16398.58

14.0 Statement of Qualifications

1. I am a graduate of the University of British Columbia having graduated in 1969 with a Bachelor of Science in Geology.

2. I have practiced my profession since 1969 in mineral exploration, oil and gas exploration and coal exploration.

3. I am a registered member of the Association of Professional Engineers and Geoscientists of British Columbia.

4. I have a direct interest in the Star Claims.

Ursula G. Mowat, P. Geo.

PROFESSIONAL ENGINEER
PROVINCE OF
U.G. MOWAT
BRITISH COLUMBIA
GEOSCIENTIST

Dated this 15th day of March, 1999

at Vancouver, B. C.

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Mowat, Ursula PROJECT STAR File # 9802866 Page 1

1405 - 1933 Robson St., Vancouver BC V6G 1E7 Submitted by: Ursula Mowat

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
E 125952	2	115	9	35	<.3	10	12	411	3.45	5	<8	<2	<2	35	.6	<3	<3	161	1.29	.074	2	11	.94	37	.14	<3	2.11	.10	.06	<2	3	8	8
E 125953	<1	86	5	34	<.3	7	12	375	2.91	<2	<8	<2	<2	30	<.2	<3	<3	124	1.54	.075	3	10	.82	45	.15	<3	2.00	.09	.12	<2	3	8	8
E 125954	1	65	11	87	<.3	44	14	513	4.18	2	<8	<2	2	21	.5	<3	<3	105	.77	.061	7	35	1.27	110	.22	<3	2.24	.11	.13	<2	2	2	1
E 125955	<1	460	14	40	.3	73	32	415	6.97	2	<8	<2	<2	60	<.2	<3	3	396	2.12	.008	1	21	2.39	39	.30	3	2.33	.44	.20	<2	2	34	39
E 125956	1	159	4	35	<.3	11	11	394	2.87	<2	<8	<2	<2	24	.2	<3	3	134	1.61	.069	3	10	.81	54	.14	3	2.00	.10	.10	<2	3	9	9
E 125957	1	53	5	33	<.3	11	7	185	1.48	<2	<8	<2	<2	51	<.2	<3	<3	52	1.52	.071	3	22	.37	41	.10	6	1.36	.08	.11	2	2	2	4
E 125958	1	182	5	22	<.3	63	22	333	2.36	<2	<8	<2	<2	71	<.2	<3	<3	94	1.71	.053	1	65	2.01	53	.16	3	1.79	.26	.12	<2	1	6	7
E 125959	<1	23	<3	10	<.3	64	10	138	1.02	<2	<8	<2	<2	24	<.2	<3	<3	29	.81	.006	<1	312	1.34	18	.06	<3	.81	.05	.02	<2	1	3	4
E 125960	1	14	3	26	<.3	264	45	490	3.51	<2	<8	<2	<2	12	<.2	<3	4	35	.42	.009	<1	537	4.87	26	.05	10	.66	.04	.03	<2	1	3	3
E 125961	1	6	<3	39	<.3	1228	90	1037	6.01	4	<8	<2	<2	3	.4	<3	3	11	.13	.005	1	246	13.25	11	.01	7	.16	.01	<.01	2	2	3	3
E 125962	1	1833	4	14	.7	575	36	317	2.22	3	<8	<2	<2	2	<.2	<3	<3	12	.20	.001	<1	170	4.08	33	.02	9	.17	<.01	<.01	<2	32	82	146
E 125963	<1	12	<3	20	<.3	234	30	320	2.32	<2	<8	<2	<2	8	.3	<3	3	28	.34	.007	<1	254	3.53	15	.04	6	.51	.01	<.01	<2	2	9	6
RE E 125963	<1	14	<3	21	<.3	233	32	331	2.48	<2	<8	<2	<2	9	.3	<3	<3	29	.36	.007	<1	269	3.66	12	.04	6	.52	.01	.01	<2	6	13	7
E 125964	1	12	<3	29	<.3	1337	107	1101	6.08	4	<8	<2	<2	3	.6	<3	<3	3	.09	.002	<1	107	20.70	16	<.01	<3	.04	.01	<.01	<2	4	7	3
E 125965	1	7	3	40	<.3	1243	104	1199	6.92	3	<8	<2	<2	1	.3	<3	7	4	.05	.004	<1	121	17.96	4	<.01	11	.04	<.01	<.01	<2	2	8	2
E 125966	2	8	5	40	<.3	1131	107	1184	6.53	<2	<8	<2	<2	1	.5	<3	<3	2	.06	.003	<1	69	20.58	4	<.01	<3	.03	.01	<.01	<2	2	51	2
E 125967	1	19	6	32	<.3	987	82	840	5.10	3	<8	<2	<2	1	<.2	<3	<3	7	.10	.002	<1	187	12.64	7	.01	4	.07	<.01	<.01	<2	2	12	11
E 125968	2	10	<3	35	<.3	1228	88	838	5.46	2	<8	<2	<2	1	<.2	<3	4	6	.08	.002	<1	196	14.73	7	<.01	6	.06	<.01	<.01	<2	4	7	5
E 125969	<1	3239	5	17	1.1	416	42	252	2.64	2	<8	<2	<2	4	.3	<3	<3	35	.66	.001	<1	176	3.39	18	.04	4	.28	.01	<.01	<2	7	37	46
E 125970	2	31	<3	20	<.3	259	35	399	2.94	3	<8	<2	<2	3	.3	<3	<3	65	.26	.002	<1	189	3.75	17	.05	<3	.17	.01	<.01	<2	2	36	33
E 125971	<1	3020	<3	18	1.0	801	62	308	2.69	3	<8	<2	<2	1	.5	<3	<3	10	.17	<.001	<1	227	4.38	12	.01	<3	.11	<.01	<.01	2	39	277	254
E 125972	1	36	8	47	<.3	17	15	336	2.24	<2	<8	<2	<2	144	.2	<3	<3	74	1.93	.061	1	32	.71	322	.21	<3	2.92	.44	.44	<2	12	1	4
E 125973	<1	672	15	10	<.3	165	42	458	12.02	<2	<8	<2	<2	4	<.2	<3	<3	858	.48	<.001	<1	55	.88	9	.42	14	.36	.02	<.01	<2	7	14	18
E 125974	1	10	<3	21	<.3	349	45	447	3.04	<2	<8	<2	<2	1	<.2	<3	<3	15	.15	.002	<1	116	5.43	3	.01	<3	.08	<.01	<.01	<2	2	8	11
E 125975	<1	272	<3	41	<.3	24	17	247	2.37	18	<8	<2	<2	187	<.2	<3	<3	69	3.36	.119	4	41	1.52	241	.14	<3	2.41	.05	.09	<2	4	7	9
E 125976	1	394	<3	28	<.3	9	9	118	.71	<2	<8	<2	<2	178	.3	<3	<3	21	2.04	.153	9	6	.55	101	.11	<3	1.84	.06	.15	<2	2	18	28
E 125977	1	18	<3	56	<.3	9	1	436	.33	15	<8	<2	<2	76	.3	<3	<3	8	12.23	.013	3	16	5.22	102	.02	32	.71	.01	.06	<2	<1	1	2
E 125978	<1	6	<3	64	<.3	8	1	628	.26	13	<8	<2	<2	68	.7	<3	<3	16	15.82	.024	3	10	7.19	63	.01	42	.59	.01	<.01	<2	1	1	2
E 125979	3	488	4	24	<.3	9	17	237	5.99	103	<8	<2	<2	124	1.1	<3	<3	106	1.66	.160	4	5	1.02	57	.17	<3	2.22	.10	.11	2	7	5	4
E 125980	1	65	4	46	<.3	21	19	515	5.10	<2	<8	<2	<2	162	.4	<3	<3	236	1.98	.144	4	94	1.33	67	.22	<3	1.62	.30	.14	<2	6	6	11
E 125981	<1	21	4	39	<.3	31	33	716	6.19	10	<8	<2	<2	126	1.0	<3	<3	267	5.20	.011	4	100	2.39	294	.10	3	1.20	.18	.22	<2	1	13	10
E 125982	1	353	5	32	.5	28	28	439	7.06	<2	<8	<2	<2	113	.9	<3	<3	391	2.31	.027	1	23	2.19	84	.31	4	1.99	.60	.34	<2	20	10	12
E 125983	1	1391	5	14	.7	12	15	127	3.35	<2	<8	<2	4	134	.7	<3	<3	63	.80	.034	5	15	.43	270	.11	5	1.10	.14	.20	2	22	5	5
E 125984	1	2697	9	30	2.7	66	46	486	7.93	<2	<8	<2	<2	37	.4	<3	<3	334	.93	.004	<1	126	2.82	38	.22	<3	1.05	.16	.07	<2	32	94	84
E 125985	1	1389	8	32	1.6	47	39	344	8.30	3	<8	<2	<2	32	.3	<3	<3	418	.81	.002	<1	152	1.79	25	.22	4	.88	.11	.04	<2	32	101	143
STANDARD C3/FA100	25	63	33	164	5.3	35	11	773	3.28	54	16	2	21	29	22.6	16	20	79	.53	.088	17	168	.58	161	.09	17	1.88	.04	.16	16	48	45	45
STANDARD G-2	1	3	3	44	<.3	6	5	566	2.08	<2	<8	<2	5	80	<.2	<3	<3	42	.66	.100	8	81	.62	257	.13	<3	1.09	.09	.54	2	1	<1	1

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND MASSIVE SULFIDE AND LIMTED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK AU** PT** PD** BY FIRE ASSAY & ANALYSIS BY ULTRA/ICP. (30 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 16 1998 **DATE REPORT MAILED:** July 22/98 **SIGNED BY** C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data FA

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
E 125986	1	18	3	29	<.3	54	26	319	5.96	<2	<8	<2	<2	75	.8	<3	3	300	1.15	.033	2	297	1.47	58	.21	<3	1.14	.16	.14	<2	3	3	7
E 125987	1	1085	3	41	.4	564	82	878	6.44	4	<8	<2	<2	5	.2	<3	7	62	.27	.003	<1	286	7.93	16	.05	5	.32	.02	.01	<2	14	29	63
E 125988	1	89	<3	19	<.3	122	30	345	3.63	<2	<8	<2	<2	16	<.2	<3	<3	146	.58	.005	<1	218	2.84	15	.12	<3	.48	.07	.04	<2	1	31	18
E 125989	1	46	<3	38	<.3	445	71	885	5.52	4	<8	<2	<2	7	<.2	<3	<3	48	.24	.005	<1	279	8.04	30	.04	3	.24	.03	.04	<2	1	17	8
E 125990	1	49	<3	32	<.3	357	61	690	5.00	<2	<8	<2	<2	6	.2	<3	<3	47	.34	.006	<1	243	6.81	13	.06	5	.37	.01	.01	<2	3	178	110
E 125991	<1	89	5	33	<.3	307	66	735	6.76	<2	<8	<2	<2	7	.5	<3	<3	214	.28	.002	<1	458	5.79	16	.14	<3	.31	.01	.01	<2	4	27	30
E 125992	1	5	<3	41	<.3	1269	96	1068	6.10	<2	<8	<2	<2	7	.6	<3	<3	10	.10	.009	<1	169	16.38	19	.01	3	.15	.01	.06	<2	2	7	9
E 125993	<1	873	<3	29	.6	299	68	730	8.84	3	<8	<2	<2	4	.4	<3	<3	418	.22	.002	<1	300	4.67	20	.23	<3	.25	.01	<.01	<2	24	56	63
E 125994	1	144	<3	20	<.3	194	48	514	6.49	4	<8	<2	<2	4	<.2	<3	<3	328	.26	.001	<1	293	3.45	22	.21	<3	.21	.02	<.01	<2	3	34	47
RE E 125994	1	139	7	21	<.3	193	47	496	6.22	<2	<8	<2	<2	4	<.2	<3	<3	315	.25	.002	<1	283	3.37	16	.20	<3	.19	.01	.01	<2	4	40	54
E 125995	1	1881	<3	11	1.4	129	20	241	3.31	<2	<8	<2	<2	4	<.2	<3	<3	163	.44	<.001	<1	203	1.48	5	.12	<3	.27	.02	.01	3	20	56	46
E 125996	1	2415	<3	17	1.1	298	44	325	5.81	5	<8	<2	<2	5	.4	<3	<3	374	.48	.001	<1	220	1.54	37	.21	<3	.34	.02	.02	<2	20	104	111
E 125997	<1	3299	<3	33	1.0	262	98	734	10.76	<2	<8	<2	<2	6	.2	<3	<3	531	.34	<.001	<1	86	4.50	23	.20	<3	.39	.02	.02	<2	13	45	56
STANDARD C3/FA100	25	63	32	168	5.2	34	11	789	3.23	50	17	3	21	29	23.4	18	23	79	.54	.088	18	172	.60	155	.09	19	1.82	.04	.16	19	45	50	45
STANDARD G-2	1	6	<3	45	<.3	8	4	546	2.01	<2	<8	<2	6	75	<.2	<3	3	42	.63	.097	8	78	.61	237	.13	<3	.97	.08	.50	3	<1	<1	2

Sample type: ROCK. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Mowat, Ursula PROJECT STAR File # 9802936

1405 - 1933 Robson St., Vancouver BC V6G 1E7 Submitted by: Ursula Mowat

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
E 125998	1	7	27	70	.6	5	2	118	1.00	5	<8	<2	<2	351	.4	4	<3	25	.67	.024	3	5	.13	550	.04	<3	2.34	1.44	.09	2	1	-	-
E 125999	1	2	5	21	<.3	97	21	634	2.30	6	<8	<2	<2	329	.4	3	<3	48	8.96	.005	10	215	5.09	20	<.01	<3	.07	.01	.04	3	3	-	-
E 126000	<1	12	3	53	<.3	145	45	1118	6.38	14	<8	3	<2	171	.7	7	<3	249	6.92	.040	7	360	5.66	393	.02	<3	2.14	.04	.10	2	1	-	-
A	<1	137	<3	33	.4	59	25	317	5.78	7	<8	<2	<2	41	.6	10	<3	296	1.25	.046	4	78	1.25	75	.24	<3	1.17	.21	.10	2	1	12	17
B	1	70	6	81	<.3	12	14	306	3.90	5	<8	<2	<2	56	.6	6	<3	133	1.03	.076	4	19	1.08	299	.14	<3	2.12	.13	.15	<2	2	1	3
C	<1	277	3	38	<.3	54	34	328	5.70	5	<8	<2	<2	56	.5	5	<3	273	1.36	.085	3	57	1.12	97	.19	<3	1.13	.14	.08	<2	2	16	18
D	<1	190	<3	61	<.3	94	40	862	8.58	17	<8	<2	<2	287	.6	34	<3	325	4.40	.046	10	76	2.69	77	.10	<3	1.03	.11	.18	<2	1	16	16
E	<1	253	<3	36	.4	47	27	446	5.78	8	<8	<2	<2	79	.5	12	<3	275	2.11	.100	8	43	1.57	206	.23	<3	1.49	.27	.16	<2	<1	8	8
F	<1	54	<3	39	<.3	10	12	444	2.71	3	<8	<2	<2	155	.3	4	<3	91	1.92	.202	11	13	.75	62	.18	<3	1.47	.04	.07	<2	<1	1	1
G	<1	630	<3	38	.5	52	51	382	6.52	7	<8	<2	<2	56	.4	9	<3	271	1.68	.054	4	22	1.68	47	.26	<3	1.63	.30	.16	<2	3	5	5
H	<1	207	<3	45	<.3	38	29	413	4.57	3	<8	<2	<2	69	.5	7	<3	188	1.75	.071	5	29	1.57	45	.31	<3	1.55	.30	.14	<2	2	7	8
I	<1	93	3	27	<.3	12	15	232	3.99	4	<8	<2	<2	20	.4	4	<3	65	.57	.104	4	14	.53	50	.24	<3	.64	.09	.06	<2	1	2	3
J	1	621	<3	33	.5	49	57	321	6.12	12	<8	<2	<2	58	.6	11	<3	249	1.48	.116	5	41	1.18	71	.25	<3	1.22	.21	.13	<2	3	10	10
RE J	<1	605	<3	32	.4	48	57	311	5.80	11	<8	<2	<2	56	.5	6	<3	243	1.45	.114	4	40	1.16	69	.25	<3	1.19	.20	.13	<2	3	11	9
K	1	7	3	5	<.3	3	1	57	.64	<2	<8	<2	3	56	<.2	<3	<3	12	.51	.014	4	13	.04	5	.07	<3	.44	.06	<.01	4	<1	-	-
L	<1	689	<3	26	.7	163	49	306	6.92	8	<8	<2	<2	45	.4	7	<3	257	1.63	.056	2	58	1.36	38	.25	<3	1.16	.27	.12	<2	2	24	29
M	<1	169	4	36	<.3	16	16	317	4.67	6	<8	<2	<2	23	.4	6	<3	94	.67	.117	3	26	.82	15	.26	<3	1.10	.06	.03	2	1	1	2
N	<1	830	<3	10	.9	120	15	156	13.65	4	<8	<2	<2	11	<.2	16	<3	119	.28	.008	<1	618	.35	132	.11	<3	.18	.03	.03	<2	8	54	73
O	<1	66	<3	44	<.3	214	46	1179	6.88	15	9	<2	<2	241	.7	37	<3	125	7.10	.050	5	163	5.50	301	<.01	<3	.26	.02	.15	<2	4	-	-
P	<1	8	3	18	<.3	131	30	782	2.78	4	9	<2	<2	694	.6	<3	<3	50	11.41	.003	9	218	6.21	17	<.01	<3	.12	.01	.08	<2	<1	-	-
STANDARD C3/FA100	26	68	38	173	5.8	40	13	823	3.51	58	18	3	23	30	25.6	19	24	86	.58	.096	18	185	.65	160	.09	18	2.01	.04	.17	18	48	45	44
STANDARD G-2	1	3	3	41	<.3	7	4	506	1.88	3	<8	<2	4	68	<.2	<3	<3	39	.59	.094	5	73	.57	221	.12	<3	.92	.07	.45	3	-	-	-

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND MASSIVE SULFIDE AND LIMTED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK AU** PT** & PD** BY FIRE ASSAY & ANALYSIS BY ULTRA/ICP. (30 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 20 1998 **DATE REPORT MAILED:** July 30/98 **SIGNED BY** C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data___ FA ___

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Mowat, Ursula PROJECT STAR File # 9802937 Page 1

1405 - 1933 Robson St., Vancouver BC V6G 1E7 Submitted by: Ursula Mowat

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
1	<1	77	4	61	<.3	195	64	1657	7.91	75	<8	<2	<2	152	.7	8	<3	212	5.32	.203	2	202	2.64	74	.02	9	1.11	.03	.17	<2	9
2	<1	120	<3	97	<.3	308	81	1811	9.01	27	<8	<2	<2	151	.4	30	<3	181	2.54	.091	4	386	2.24	58	.04	<3	1.49	.03	.09	<2	7
3	<1	231	6	68	<.3	293	116	1817	18.38	80	<8	<2	2	94	<.2	27	<3	359	1.47	.037	<1	107	.97	54	<.01	<3	.65	.01	.05	<2	122
4	<1	179	6	59	<.3	562	100	2033	10.14	24	<8	<2	<2	34	<.2	16	<3	225	.56	.066	<1	408	2.45	146	.06	4	1.49	.04	.08	<2	6
5	<1	266	<3	89	<.3	349	88	2140	12.21	18	<8	<2	2	41	<.2	68	<3	202	.54	.127	4	310	.73	123	.01	<3	1.31	.02	.10	<2	17
6	<1	64	3	61	<.3	309	98	1923	10.05	33	<8	<2	<2	19	<.2	15	<3	152	.31	.040	4	739	1.74	97	.02	<3	1.55	.02	.04	<2	38
7	<1	26	3	64	<.3	468	89	1958	9.61	60	<8	<2	<2	18	<.2	14	<3	160	.35	.053	<1	823	.59	77	<.01	<3	.84	.01	.05	<2	6
8	<1	64	4	61	<.3	511	99	1616	7.20	66	<8	<2	<2	135	.9	5	<3	113	6.14	.050	<1	559	5.43	49	.01	8	1.58	.02	.07	<2	7
10	<1	76	3	64	<.3	283	76	2001	8.94	18	<8	<2	<2	30	<.2	11	<3	191	.50	.081	3	666	2.71	121	.03	3	1.95	.02	.06	<2	2
11	<1	41	5	69	<.3	226	83	2666	8.21	21	<8	<2	<2	31	.2	<3	<3	191	.59	.130	2	574	5.11	92	.09	<3	2.68	.03	.05	<2	10
RE 14	<1	221	4	70	<.3	168	55	1737	7.49	25	<8	<2	<2	48	.2	13	<3	180	.74	.146	6	173	2.08	106	.08	4	2.15	.03	.07	<2	3
12	<1	41	<3	132	<.3	273	86	2488	10.29	17	<8	<2	<2	26	<.2	14	<3	185	.35	.118	1	530	1.44	159	.02	<3	1.25	.01	.08	<2	8
13	<1	104	4	69	<.3	177	70	1929	10.16	37	<8	<2	<2	28	<.2	19	<3	173	.41	.091	4	312	2.78	149	.03	<3	1.63	.02	.05	<2	26
14	<1	223	5	69	<.3	167	54	1751	7.49	26	<8	<2	<2	48	.2	15	<3	181	.74	.147	7	172	2.08	108	.08	5	2.17	.03	.06	<2	4
15	<1	92	<3	66	<.3	244	71	2778	7.75	72	<8	<2	2	32	.2	4	<3	179	.56	.090	2	561	3.22	94	.06	3	2.07	.02	.05	<2	3
16	<1	101	<3	65	<.3	245	74	2459	8.82	34	<8	<2	2	28	.2	7	<3	218	.47	.080	6	769	3.70	110	.04	<3	2.53	.01	.07	<2	2
17	<1	168	4	71	<.3	316	94	2846	11.30	45	<8	<2	<2	30	<.2	17	<3	267	.49	.081	2	794	2.42	261	.02	<3	1.87	.01	.06	<2	20
18	<1	128	<3	79	<.3	170	70	2527	10.88	37	<8	<2	<2	26	<.2	8	<3	308	.50	.104	5	376	3.19	145	.02	<3	2.97	.02	.08	<2	5
19	<1	81	5	36	<.3	321	82	4139	7.93	45	<8	<2	<2	11	.6	5	<3	200	.37	.037	6	953	4.76	152	.08	3	2.54	.01	.02	<2	25
20	<1	278	4	45	<.3	353	72	2297	10.17	42	<8	<2	<2	24	<.2	68	<3	164	.43	.054	1	381	.58	134	<.01	4	.90	.01	.08	<2	2
21	<1	16	3	63	<.3	13	23	1677	6.10	9	<8	<2	<2	82	.7	<3	3	68	6.46	.158	1	6	.20	299	<.01	9	.68	.02	.11	<2	<2
22	3	240	7	123	<.3	45	44	2645	8.35	23	<8	<2	3	17	<.2	34	3	75	.30	.131	6	12	.16	237	<.01	6	.66	.01	.08	<2	3
23	<1	46	<3	95	<.3	55	67	1662	10.19	10	<8	<2	<2	71	<.2	5	<3	293	1.36	.516	4	48	.65	148	.01	<3	1.19	.02	.09	<2	<2
24	<1	263	6	62	<.3	47	77	1657	13.13	44	<8	<2	<2	107	.8	109	<3	155	4.75	.294	2	6	1.24	138	<.01	<3	.52	.01	.11	<2	58
964+25	<1	82	<3	51	<.3	381	59	1046	5.18	6	<8	<2	<2	236	.4	<3	<3	97	.58	.034	<1	358	4.88	161	.07	6	1.90	.02	.03	<2	35
965+25	<1	45	<3	41	<.3	489	66	934	5.52	7	<8	<2	<2	31	.5	<3	<3	68	.41	.034	<1	402	6.92	57	.05	11	1.35	.01	.01	<2	<2
966+25	<1	104	3	63	<.3	129	23	639	4.56	9	<8	<2	2	42	.4	<3	<3	103	.39	.035	5	147	1.72	151	.06	<3	2.34	.02	.06	<2	3
967+25	<1	123	4	32	<.3	219	37	638	4.32	6	<8	<2	<2	27	.4	3	<3	131	.68	.018	2	228	2.48	75	.14	<3	2.17	.06	.05	<2	<2
968+25	4	562	9	132	2.5	239	110	4041	12.94	200	<8	8	<2	9	<.2	132	<3	471	.14	.035	2	194	.52	450	<.01	<3	.83	.01	.09	<2	8631
969+25	2	492	3	78	.4	32	30	1410	6.74	78	<8	<2	<2	30	.7	164	<3	87	5.85	.045	2	26	.25	25	<.01	<3	.76	.02	.04	<2	35
982+0	<1	14	<3	43	<.3	33	28	442	4.18	3	<8	<2	<2	71	.5	5	<3	205	1.21	.031	<1	14	2.21	47	.29	<3	1.88	.17	.14	<2	5
987+25	<1	1589	<3	68	<.3	641	80	991	6.53	5	<8	<2	<2	8	.8	<3	<3	154	.63	.048	<1	534	6.94	35	.12	<3	1.24	.01	.01	<2	12
988+25	<1	142	<3	69	<.3	767	82	1006	7.86	3	<8	<2	<2	7	.5	<3	<3	133	.50	.039	<1	386	9.22	36	.10	<3	1.07	.01	.01	<2	2
989+25	<1	75	6	61	<.3	1056	93	1301	7.93	5	<8	<2	<2	15	.6	<3	<3	88	.47	.047	<1	449	12.43	49	.08	4	1.16	.01	<.01	<2	2
991+25	<1	563	<3	56	<.3	355	64	731	5.63	7	<8	<2	<2	11	.8	3	<3	206	.95	.014	2	377	4.66	56	.19	<3	2.01	.02	.01	<2	6
STANDARD C3/AU-S	26	67	36	164	5.6	37	12	790	3.37	57	22	3	23	29	24.3	16	21	83	.55	.092	18	178	.61	153	.09	20	1.90	.04	.16	16	47
STANDARD G-2	1	3	4	44	<.3	9	4	553	2.10	<2	<8	<2	4	77	<.2	<3	<3	44	.64	.101	7	82	.61	243	.14	<3	1.03	.09	.50	2	<2

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND MASSIVE SULFIDE AND LIMTED FOR NA K AND AL.
- SAMPLE TYPE: SOIL AU** ANALYSIS BY FA/ICP FROM 30 GM SAMPLE.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 20 1998 **DATE REPORT MAILED:** July 30/98 **SIGNED BY.** C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data FA

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
992+25	<1	49	4	14	<.3	1238	83	778	4.12	2	<8	<2	<2	49	1.0	<3	<3	50	.40	.096	<1	583	10.66	41	.08	7	1.89	.01	<.01	<2	3
993+25	<1	37	<3	19	<.3	1161	99	1076	5.94	3	<8	<2	<2	4	1.6	<3	<3	50	.17	.014	<1	662	16.40	31	.07	<3	1.00	.01	.01	<2	<2
P	<1	25	3	77	<.3	356	86	2070	7.80	18	<8	<2	<2	128	.8	<3	3	98	2.55	.055	3	456	4.09	139	.06	7	1.67	.01	.17	<2	<2
RE P	<1	25	7	77	<.3	359	86	2084	7.87	17	<8	<2	<2	127	1.3	<3	<3	98	2.58	.053	2	454	4.13	140	.06	7	1.67	.01	.16	<2	<2
STANDARD C3/AU-S	25	64	37	175	5.4	36	14	765	3.32	58	21	5	20	29	23.7	15	22	80	.54	.088	17	171	.58	150	.09	19	1.90	.04	.15	20	45

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data d/ FA YC

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEM PRECIOUS METALS ANALYSIS

Mowat, Ursula PROJECT STAR File # 9802937R2

1405 - 1933 Robson St., Vancouver BC V6G 1E7

SAMPLE#	Pt** ppb	Pd** ppb
1	35	31
2	22	23
6	141	3
7	15	5
8	8	7
10	33	6
11	82	4
14	7	6
15	7	5
19	144	12
20	5	4
21	<1	<1
22	<1	2
23	10	2
24	8	17

30 GRAM SAMPLE FIRE ASSAY AND ANALYSIS BY ULTRA/ICP.
- SAMPLE TYPE: SOIL PULP

DATE RECEIVED: AUG 17 1998 DATE REPORT MAILED: Aug 20/98 SIGNED BY. C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data / FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEM PRECIOUS METALS ANALYSIS

Mowat, Ursula PROJECT STAR File # 9802937R Page 1

1405 - 1933 Robson St., Vancouver BC V6G 1E7

SAMPLE#	Pt** ppb	Pd** ppb
3	58	182
4	34	19
5	15	7
12	21	2
13	13	4
16	62	12
17	42	8
18	36	15
965+25	6	2
966+25	2	2
967+25	13	8
968+25	32	24
969+25	<1	3
982+0	3	<1
987+25	92	78
988+25	32	14
989+25	23	12
991+25	52	41

30 GRAM SAMPLE FIRE ASSAY AND ANALYSIS BY ULTRA/ICP.
- SAMPLE TYPE: SOIL PULP

DATE RECEIVED: AUG 10 1998 DATE REPORT MAILED: Aug 12/98 SIGNED BY ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data ___ FA ___

SAMPLE#	Pt** ppb	Pd** ppb
992+25	2	19
993+25	27	39

Sample type: SOIL.

Data / FA

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Mowat, Ursula PROJECT STAR File # 9802938

1405 - 1933 Robson St., Vancouver BC V6G 1E7 Submitted by: Ursula Mowat

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
8A	<1	69	<3	40	<.3	94	40	583	4.73	7	<8	<2	<2	62	.9	<3	<3	132	.73	.058	1	139	2.47	80	.10	6	1.15	.04	.05	<2	<2

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND MASSIVE SULFIDE AND LIMTED FOR NA K AND AL.
- SAMPLE TYPE: SILT AU** ANALYSIS BY FA/ICP FROM 30 GM SAMPLE.

DATE RECEIVED: JUL 20 1998 DATE REPORT MAILED: July 30/98 SIGNED BY. . . . . D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data d FA ___

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(6)253-1716

GEOCHEM PRECIOUS METALS ANALYSIS

Mowat, Ursula PROJECT STAR File # 9802938R

1405 - 1933 Robson St., Vancouver BC V6G 1E7

SAMPLE#	Pt** ppb	Pd** ppb
8A	30	10

30 GRAM SAMPLE FIRE ASSAY AND ANALYSIS BY ULTRA/ICP.
- SAMPLE TYPE: SILT PULP

DATE RECEIVED: AUG 10 1998 **DATE REPORT MAILED:** Aug 12/98 **SIGNED BY**.....C. Leong.....D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data FA

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEM PRECIOUS METALS ANALYSIS

Mowat, Ursula PROJECT STAR File # 9900153

1405 - 1933 Robson St., Vancouver BC V6G 1E7 Submitted by: Ursula Mowat

SAMPLE#	Au** ppb	Pt** ppb	Pd** ppb
11678	<1	<1	<1
11680	<1	<1	<1
11681	18	2	3
11686	8	4	4
RE 11686	3	3	1
STANDARD FA100	49	46	46

30 GRAM SAMPLE FIRE ASSAY AND ANALYSIS BY ULTRA/ICP.
- SAMPLE TYPE: ROCK
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JAN 15 1999 **DATE REPORT MAILED:** Jan 22/99 **SIGNED BY.** C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

 Data___ FA ___

Cominco Ltd./Exploration Research Laboratory/1486 East Pender Street
Vancouver, B.C./Canada V5L 1V8/Tel. (604) 685-3032/Fax (604) 844-2686

Exploration
Research Laboratory

Ms. U. Mowat
1405 - 1933 Robson Street
Vancouver, B.C.
V6G 1E7

1 September, 1998

Dear Ms. Mowat: ***RE: Rock1,Road4,11678 / E.R.L. Job V980577R***

Three samples were submitted for microscopic study. They are numbered as follows:

LAB NO.	*FIELD NO.*
R98:10786	Rock 1
R98:10787	Road 4
R98:10788	11678

Following are microscopic descriptions of each.

Sample R98:10786 (Rock1).

In transmitted light ragged, relict patches of magnetite from 1 - 5 mm are set in a mosaic of tightly intergrown, fine grained talc.

In reflected light the opaque content is about 3 - 4% and the mode is approximately as follows:

Spinel:	25%
Hematite:	75%
Pyrite:	1 grain

Tabular to prismatic grains of hematite in the 0.1 - 0.3 mm size range are widely disseminated in the rock. Grains of Cr-Fe spinel show rim alteration and are in the 0.5 mm size range. These grains tend to be more equant in shape. One micron sized grain of pentlandite in noted.

Sample R98:10787 (Road4).

In transmitted light "islands" of ragged, corroded olivine grains of 1 - 2 mm are set in a serpentine altered groundmass. The rock is fractured and replaced by a 1 mm wide carbonate (magnesite) veinlet.

The rock is believed to have been a serpentinized pyroxenite or dunitic rock.

In reflected light the opaque content is about 2 - 3%. The mode is approximately as follows:

Spinel:	30%
Hematite:	65%
Pentlandite:	5%
Polydymite:	5%

Grains of Fe-Cr spinel are up to 2 mm in size and are randomly distributed. Also developed in shears, fractures, etc. is hematite in patches of elongated mineralization. Widely disseminated throughout the rock are grains of pentlandite (Fe-Ni-S) and polydymite (Ni-S). These grains are in the 0.05 - 0.1 mm size range.

Sample R98:10788 (11678).

In transmitted light the mode is approximately as follows:

Olivine:	60%
Pyroxene:	35%
Serpentine:	5%
Opaques:	Tr.

Olivines with typical "church window" texture are seen to be in the 1 - 3 mm size range. These grains are set in an intercumulus, wormy pyroxene. The pyroxene is often several mm's in maximum dimension. Incipient alteration has begun in the pyroxene. A few fractures in the rock are now seen to be altered to serpentine.

In reflected light opaques are seen to be rare, consisting of widely disseminated 0.1 mm Fe - Cr spinels, very fine hematite in fractures, and the rare Ni(Fe) sulfide grain of a few microns in size.

This rock is an ilerzolite.

DISCUSSION:

The three samples studied represent a range from almost fresh ilerzolite (R9810788) to a highly altered version (R98:10786) that is now magnesite and talc.

The opaque minerals seen are Fe-Cr spinels, hematite, and minor sulfides. The sulfides are generally grains of 0.05 mm and finer, and are identified as Ni - sulfide and Fe - Ni sulfide. Based on SEM-EDX analysis (scanning electron microprobe - energy dispersive x-ray) the grains are identified as pentlandite and polydymite.

Metallic phases were sought in this study but were not identified. Minerals such as awaruite that might have contributed to nickel contact were not present. Nickel is present in pentlandite, polydymite, and likely in silicates such as pyroxenes and olivines.

A number of photomicrographs were taken. These are captioned and appended.

Yours truly,

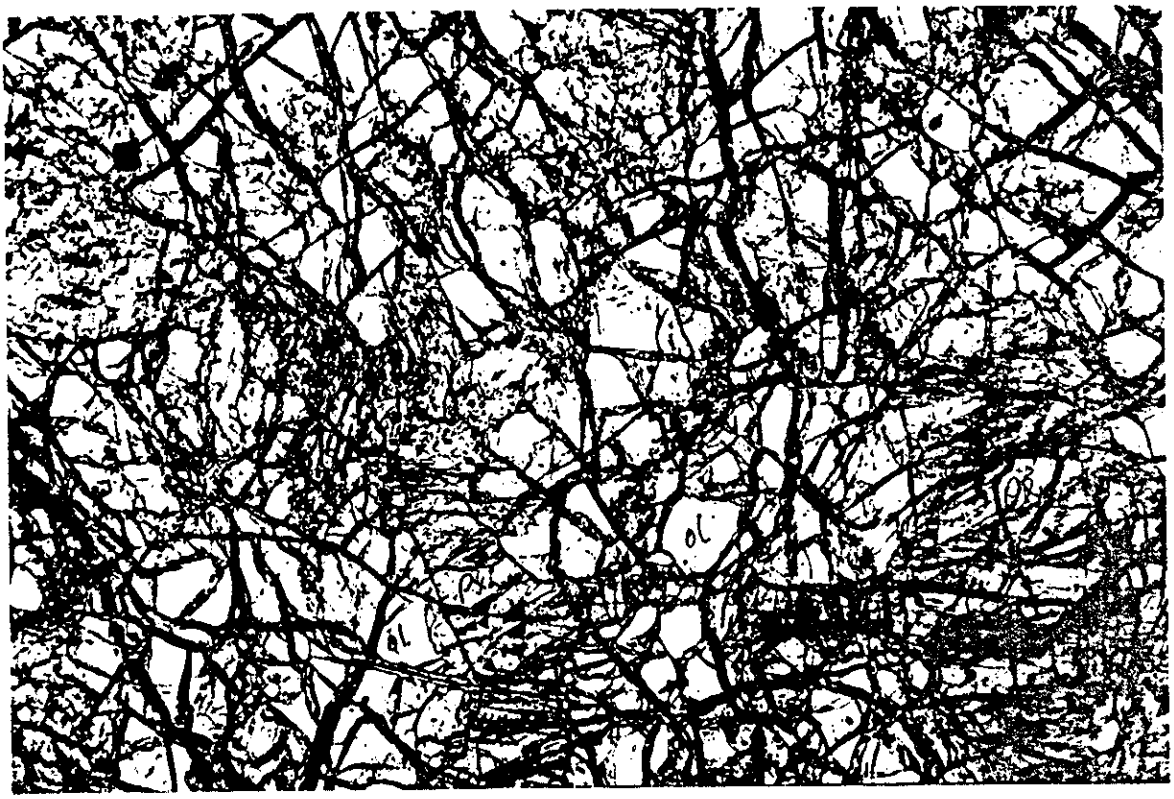
J.A. McLeod, M.A.Sc., P.Eng.
E.R.L. Manager

JAM/skw

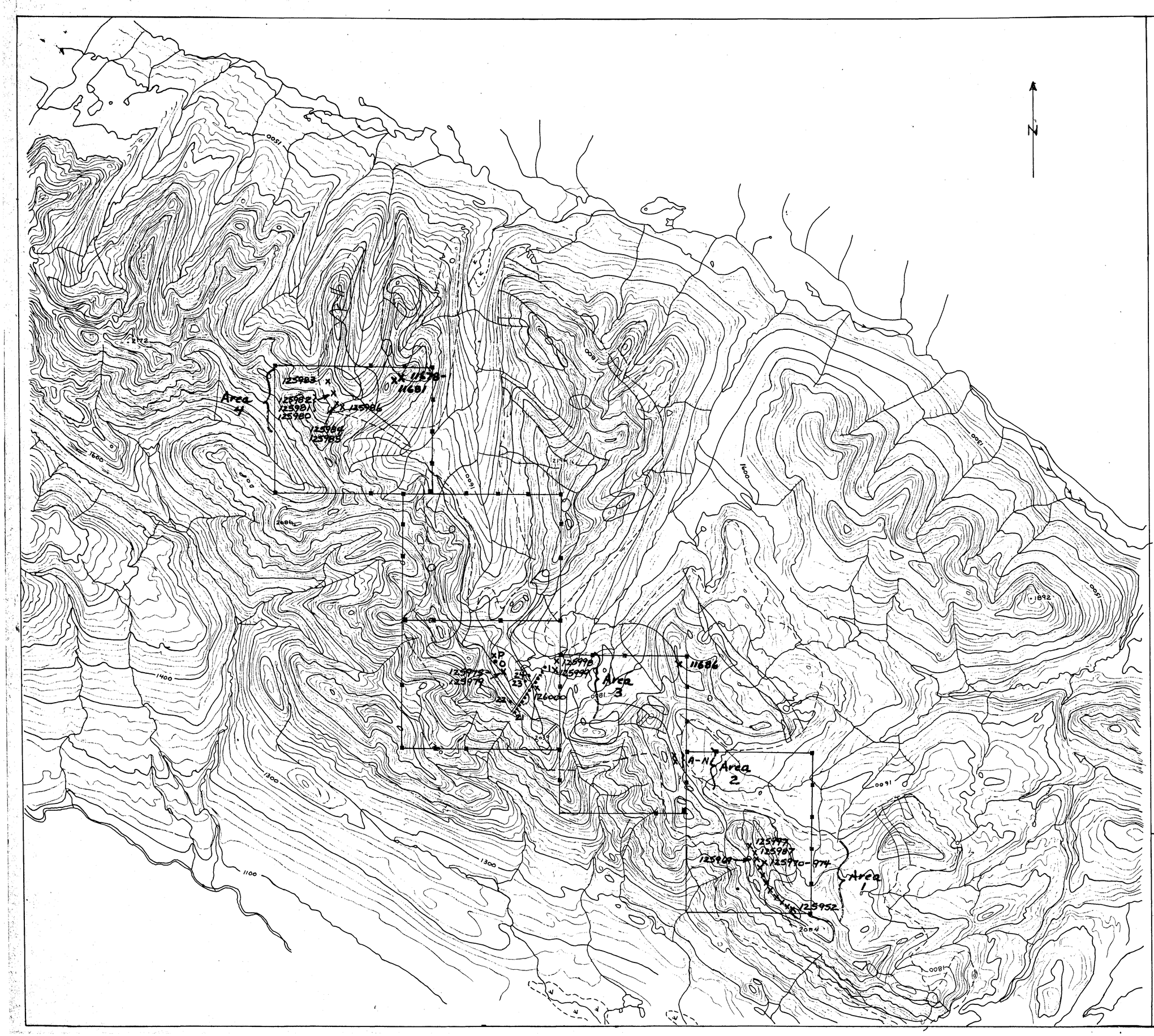
Att. (photos)

R98:10787. Large Fe-Cr spinel in serpentine. Reflected light, magnification 80x.

R98:10788. Olivine and pyroxene. Transmitted light, crossed nicols, magnification 25x.



R98:10788. As previous photomicrograph but in plain light.



1 DUNITE

2 PERIDOTITE

3 OLIVINE CLINOPYROXENITE

4 HORNBLENDE - MAGNETITE CLINOPYROXENITE

5 AMPHIBOLITE

B BASIC VOLCANIC TUFFS

T TUFFS + SEDIMENTS

L LISTWANITE

S SYENITE

G GABBRO + DIABASE

x rock sample

• soil sample

GEOLOGICAL SURVEY BRANCH

25,873

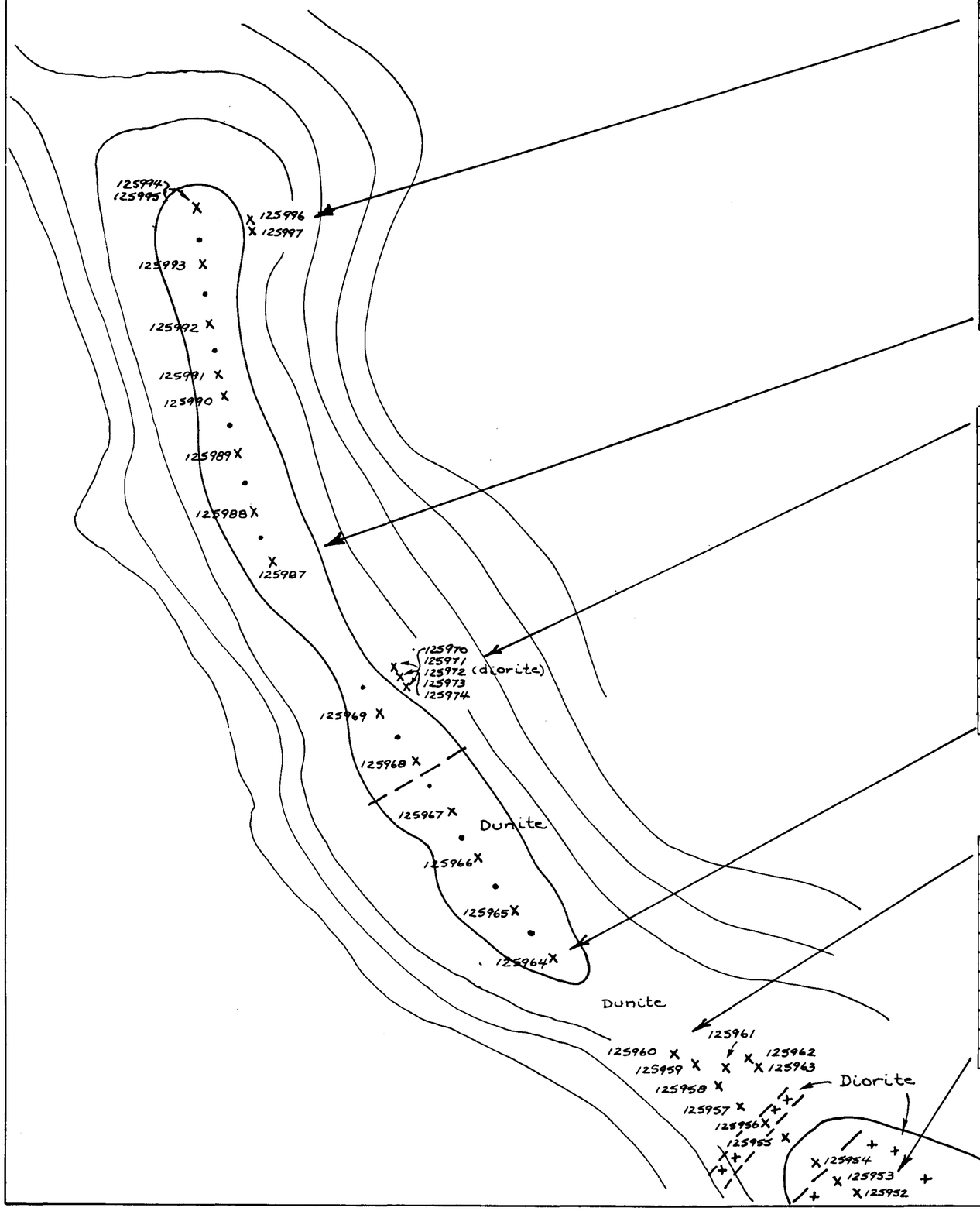
STAR CLAIMS

Sample Location Map

0 1000

meters

1: 25000



Sample No.	Cu ppm	Ag ppm	Ni ppm	Co ppm	As ppm	Au ppb	Pt ppb	Pd ppb
125997	3299	1.0	262	98	—	13	45	56
996	2415	1.1	298	44	5	20	104	111
995	1881	1.4	129	20	—	20	56	46
994	144	—	194	48	4	3	34	47
993+25	37	—	1161	98	3	—	27	39
993	873	.6	299	68	3	24	56	63
992+25	49	—	1238	83	2	3	—	19
992	5	—	1269	96	—	—	7	8
991+25	563	—	355	64	7	6	57	41
991	89	—	307	66	—	4	27	30
990	49	—	357	61	—	3	178	110
989+25	75	—	1056	93	5	—	23	12
989	46	—	445	71	4	—	17	8
988+25	142	—	767	82	3	—	32	14
988	89	—	122	30	—	—	31	18
987+25	1589	—	641	80	5	12	92	78
987	1085	.4	564	82	4	—	31	18

125974	10	—	349	45	—	2	8	11
973	672	—	165	42	—	7	14	18
972	36	—	17	15	—	12	—	4
971	3020	1.0	801	62	3	39	277	254
970	31	—	259	35	3	2	36	33
969+25	492	.4	32	30	28	35	—	3
969	3239	1.1	416	42	2	7	37	46
968+25	562	2.5	259	110	200	8631	32	24
968	10	—	1228	88	2	4	7	5
967+25	123	—	219	37	6	—	13	8
967	19	—	987	82	3	2	12	11
966+25	104	—	129	23	9	3	2	2
966	8	—	1131	107	—	2	51	2
965+25	45	—	489	66	7	—	6	2
965	7	—	1243	104	3	2	8	2
964+25	82	—	381	59	6	35	NA	NA
964	12	—	1337	107	4	4	7	3

125963	12	—	234	30	—	2	9	6
962	1833	.7	575	36	3	32	82	146
961	6	—	1228	90	4	2	3	3
960	14	—	264	45	—	—	3	3
959	20	—	64	10	—	—	3	4
958	82	—	63	22	—	—	6	7
957	50	—	11	7	—	2	2	4
956	159	—	11	11	—	3	9	9
955	460	—	73	32	—	—	34	39
954	65	—	44	14	—	—	—	—
953	86	—	7	12	—	3	8	8
952	115	—	10	12	5	3	8	8

N

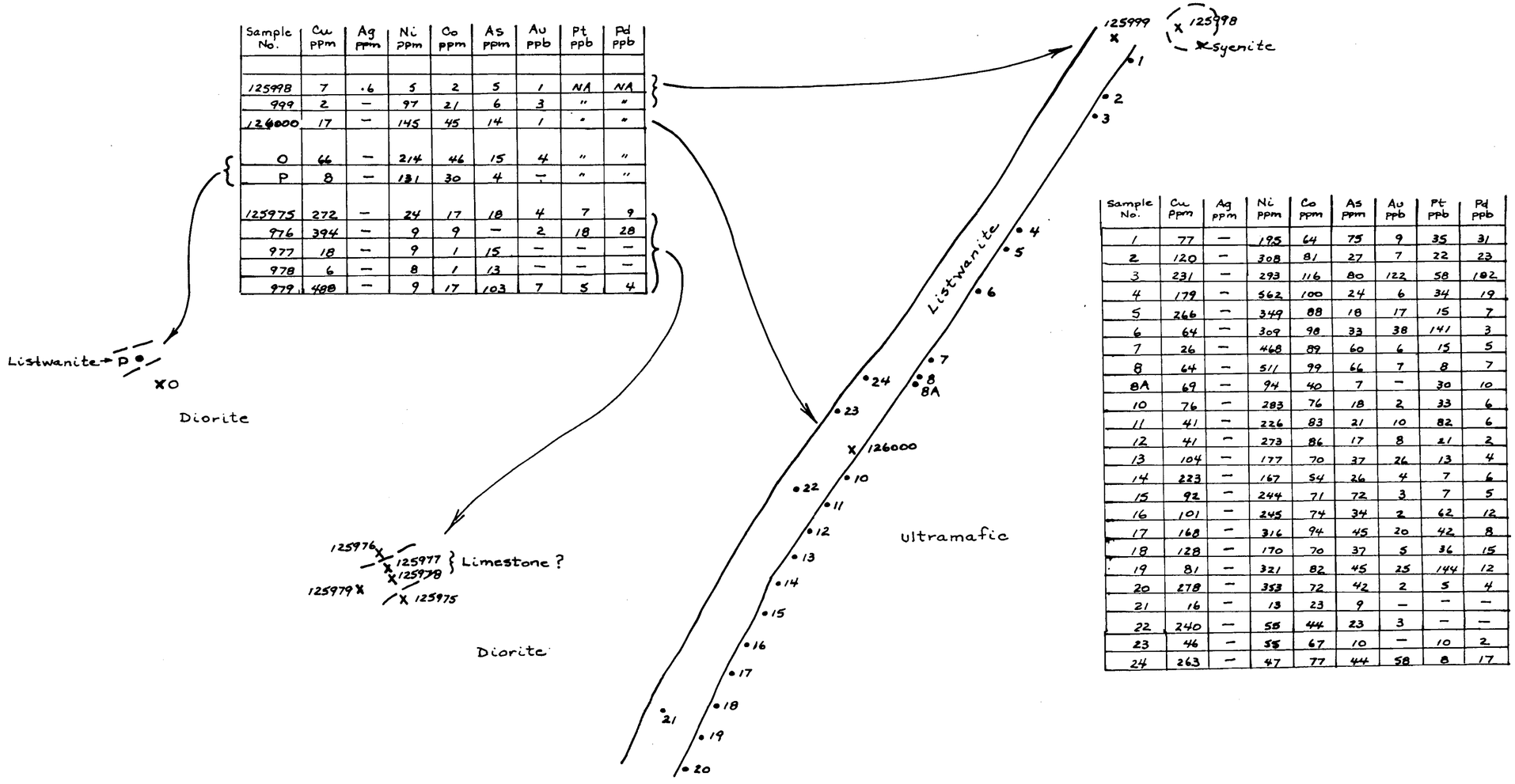
X rock sample
• soil sample

STAR CLAIMS

Sample Sites Area 1

0 100
meters

Sample No.	Cu ppm	Ag ppm	Ni ppm	Co ppm	As ppm	Au ppb	Pt ppb	Pd ppb
125998	7	.6	5	2	5	1	NA	NA
999	2	—	97	21	6	3	"	"
126000	17	—	145	45	14	1	"	"
O	66	—	214	46	15	4	"	"
P	8	—	131	30	4	—	"	"
125975	272	—	24	17	18	4	7	9
976	394	—	9	9	—	2	18	28
977	18	—	9	1	15	—	—	—
978	6	—	8	1	13	—	—	—
979	408	—	9	17	103	7	5	4



Sample No.	Cu ppm	Ag ppm	Ni ppm	Co ppm	As ppm	Au ppb	Pt ppb	Pd ppb
1	77	—	195	64	75	9	35	31
2	120	—	308	81	27	7	22	23
3	231	—	293	116	80	122	58	102
4	179	—	562	100	24	6	34	19
5	266	—	349	88	18	17	15	7
6	64	—	309	98	33	38	141	3
7	26	—	468	89	60	6	15	5
8	64	—	511	99	66	7	8	7
8A	69	—	94	40	7	—	30	10
10	76	—	283	76	18	2	33	6
11	41	—	226	83	21	10	82	6
12	41	—	273	86	17	8	21	2
13	104	—	177	70	37	26	13	4
14	223	—	167	54	26	4	7	6
15	92	—	244	71	72	3	7	5
16	101	—	245	74	34	2	62	12
17	168	—	316	94	45	20	42	8
18	128	—	170	70	37	5	36	15
19	81	—	321	82	45	25	144	12
20	278	—	353	72	42	2	5	4
21	16	—	13	23	9	—	—	—
22	240	—	58	44	23	3	—	—
23	46	—	58	67	10	—	10	2
24	263	—	47	77	44	58	8	17

N

x rock sample

• soil sample

STAR CLAIMS

Sample Sites Area 3

0 100

meters

Sample No.	Cu ppm	Ag ppm	Au ppb	Pt ppb	Pd ppb
125980	65	—	6	6	11
981	21	—	—	13	10
982	353	.5	20	10	12
983	1391	.7	22	5	5
984	2697	2.7	32	94	84
985	1389	1.6	33	101	143
986	10	—	3	3	7

N

125983

125982

125981

125980

Pink granite

125984

125985

125986

× rock sample
• soil sample

STAR CLAIMS

Sample Sites Area 4

0 100
meters