



COMINCO LTD.

EXPLORATION
N.T.S. 115I-3

WESTERN DISTRICT

GEOCHEMICAL REPORT ON THE
SEN CLAIMS 1-8

Situated at 62°05'N Latitude, 137°11'W Longitude

Whitehorse Mining District, Yukon Territory

Work Performed: June 14-24/79

March 3, 1980

L.J. NAGY

090 616



This report has been examined by the Geological Evolution Unit and is recommended to the Commissioner to be considered as representing the work of the Geological Survey of Canada for the year 1940.

[Handwritten signature]

Geologist or
Mining Engineer

Considered as representation work under
Section 53 (4) of the Quartz Mining Act.

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B. R. BAXTER
Supervising Mining Recorder

for Commissioner of Yukon Territory

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LIST OF ATTACHMENTS

- 1) SEN-79-1 - Location Plan SEN 1-8
- 2) SEN-79-2 - Regional Geology SEN 1-8
- 3) SEN-79-3 - Geology and Rock Geochemistry SEN 1-8
- 4) SEN-79-4 - Soil Geochemistry SEN 1-8
- 5) Computer Printout Sheets of Soil Geochemical Survey Results.

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WESTERN DISTRICT
March 3, 1980

GEOCHEMICAL REPORT ON THE

SEN CLAIMS 1-8

Situated at 62°05'N, 137°11'W

Whitehorse Mining District, Yukon Territory

Located claims on which assessment credits are requested:-

<u>CLAIM</u>	<u>RECORD NO.</u>	<u>DATE RECORDED</u>	<u>ASSESSMENT CREDIT</u>	<u>AMOUNT</u>
SEN 1	YA 23985	March 27,1979	5 years	\$500.00
SEN 2	YA 23986	March 27,1979	5 years	500.00
SEN 3	YA 23987	March 27,1979	5 years	500.00
SEN 4	YA 23988	March 27,1979	5 years	500.00
SEN 5	YA 23989	March 27,1979	5 years	500.00
SEN 6	YA 23990	March 27,1979	5 years	500.00
SEN 7	YA 23991	March 27,1979	5 years	500.00
SEN 8	YA 23992	March 27,1979	5 years	500.00

Geochemical work was done on these claims between June 14 and June 24,1979.

Report by:


L.J. NAGY

Endorsed by:


D.L. COOKE

COMINCO LTD.

EXPLORATION
NTS: 115 I/3

WESTERN DISTRICT
March 3, 1980

GEOCHEMICAL REPORT ON THE

SEN CLAIMS 1-8

Situated at 62°05'N Latitude, 137°11'W Longitude

SUMMARY AND CONCLUSIONS

Field work on the SEN claims included chaining and flagging of grid lines, soil geochemistry, limited bedrock geochemistry, prospecting and mapping.

Soil samples were collected at 25 m and 50 m intervals along lines spaced 150 m apart. Geochemical analysis was done for Mo, W and Sn. Weak anomalies for Mo and W are present.

Bedrock samples were collected from various rock types on the property and geochemically analysed for Mo, Cu, Au, W and Sn.

The results of this work are not too encouraging, hence further work is not warranted at this time. The claims, however, will be maintained by filing the 1979 work for assessment credits.

INTRODUCTION

The SEN claims were staked in March, 1979 to cover a small quartz-tourmaline breccia pipe within an altered assemblage of porphyritic rocks which also host the low grade Cyprus disseminated copper and molybdenum deposit 1 km to the east. This deposit reportedly grades 0.10 to 0.15% Cu and 0.01% or less Mo (Sawyer and Dickinson, 1976).

This report summarizes field studies and sampling done on the SEN claims between June 14 and June 24, 1979.

The object of this work was to examine the quartz-tourmaline breccia pipes as possible host rocks for Bolivian style cassiterite mineralization.

Personnel employed during the course of this program include:-

Title	Period	Address
D. Carr - Exploration Technician	June 14-24	7th floor-409 Granville St. Vancouver, B.C. V6C 1T2
B. Grant - Geochem sampler	June 14-24	7th floor-409 Granville St. Vancouver, B.C. V6C 1T2
L. Nagy - Geologist	June 14-16, Feb. 27,28,29 March 3, 4	7th floor-409 Granville St. Vancouver, B.C. V6C 1T2

LOCATION AND ACCESS

The SEN claims are situated at 62°05'N Latitude, 137°11'W Longitude within NTS map area 115 I/3. The property is accessible by 4-wheel drive vehicle from the Mt. Nansen mill site. An unmaintained all-weather road connects the Mt. Nansen Mine with the village of Carmacks, 60 km due east.

REGIONAL GEOLOGY

Sawyer and Dickinson (1976) describe the Mt. Nansen mineralized centre as being located within a northwest trending belt of Mesozoic to Tertiary calc-alkaline igneous rocks that intrude and/or overlie rocks of the

Yukon Metamorphic Complex. This complex of metasediments and gneisses of uncertain age are intruded by extensive batholiths of granodiorite, quartz monzonite of Mesozoic age.

Tuffs, tuff breccias and intermediate to acid volcanic lavas of the early Eocene Mt. Nansen Group overlie all of the above rocks.

The Mt. Nansen Group is intruded by an assemblage of hypabyssal, felsic plutonic rocks emplaced during a period of intensive magmatic activity. Many of the Ag-Pb-Au veins and the porphyry copper-molybdenum deposits in the Mt. Nansen area are associated with this period of intrusive activity.

LOCAL GEOLOGY AND MINERALIZATION

The SEN 1-8 mineral claims overlie a small portion of a 3 km by 1.5 km zone of northwesterly trending intrusive rocks comprised of quartz porphyry, quartz monzonite, quartz diorite, rhyodacite porphyry, dykes and quartz-tourmaline breccia pipes.

Biotite quartz monzonite of Cretaceous age or older outcrops at the southeast corner of the property.

Propylitization of this monzonite is due to supergene alteration and its spacial association with nearby hydrothermally altered, younger, porphyritic intrusives.

The biotite quartz monzonite also carries minor disseminated pyrite and chalcopyrite.

A prominent ridge at the south end of the claim group is comprised of dark green, porphyritic, brecciated andesite of the Mt. Nansen Group. The andesite is unaltered and barren of sulphide mineralization.

The central portion of the property is underlain by rhyodacite porphyry. Intense phyllic and argillic alteration obscures the original mineralogy. Mafic minerals are absent in the cream colored porphyry which appears now to be comprised mainly of quartz, sericite, 2 to 5% pyrite and kaolinite.

Completely enclosed by the porphyry is a tourmalinized breccia pipe estimated to be 30 to 50 m in diameter. The breccia fragments consist of porphyry and quartz-biotite monzonite, tightly cemented together by quartz and grey, sooty tourmaline.

Pyrite is rare and there was no evidence of tin mineralization associated with the quartz tourmaline breccia pipes.

GEOCHEMISTRY

Sample Collection

A total of 480 samples were collected. The samples were obtained by digging through 10 to 20 cm of moss and chipping a sample of frozen organic free "B" horizon. Because of the frozen soil, it was not always possible to obtain samples of consistent high quality.

Rocks collected for bedrock geochemical analyses consisted of unweathered material.

Sample Preparation and Analytical Methods for Soil and Bedrock Samples

All soil samples were dried and sieved to minus 80 mesh. Bedrock samples were dried and pulverized. Sn analysis was performed by XRF. W analysis was done colorimetrically by dithiol after bi-sulphate fusion. Mo analysis was done colorimetrically following $\text{HNO}_3/\text{HClO}_4$ digestion.

The analyses were done at Cominco's Exploration Research Laboratory in Vancouver under the supervision of Mr. Frank Kiss, Senior Chemist.

The results are listed on computer printout sheets, copies of which are attached to this report. Plots of the results are shown on Plate SEN-79-3.

Interpretation of Results

The geochemical results from the soil sampling survey completed to date are not very encouraging. The altered rhyodacite porphyry is reflected in the soil geochemical results by slightly higher Mo and W values than the adjacent rocks but all values are considered to be too low to warrant immediate further exploration.

a) Molybdenum

Soil geochem values in the 5 to 22 ppm range occur in two small anomalies situated at 5500N-5650N, 10,100E-10,200E and 5650N-5950N, 9500E-9600E. Both areas are underlain by altered rhyodacite porphyry.

b) Tungsten

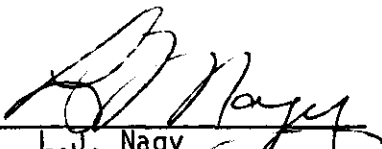
Tungsten soil geochemical values ranging from 5 ppm to 15 ppm were recorded over two fairly large zones occupying the central portion of the claim group. Although both areas are underlain by altered rhyodacite porphyry, the magnitude of the anomalies suggests that the area has little potential for tungsten mineralization.

c) Tin

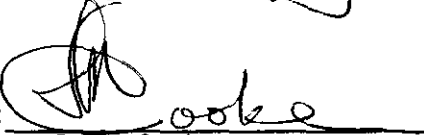
No anomalous Sn values were recorded and there does not appear to be any tin mineralization associated with these quartz-tourmaline breccia pipes.

In conclusion, no further work is recommended on the property at this time.

Submitted by:


L.J. Nagy
Project Geologist

Endorsed by:


D.L. Cooke
Senior Geologist

Approved for
Release by:


G. Harden
Manager

LJN/pc1

SELECTED BIBLIOGRAPHY

Sawyer, J.P.B., and Dickinson, R.A., (1976); Mt. Nansen, Porphyry Deposits of the Canadian Cordillera, CIM Special Volume, No. 15 - paper 34.

ATTACHMENTS

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- 2) SEN-79-2 - Regional Geology SEN 1-8
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EXPLORATION

NTS: 115 I/3

WESTERN DISTRICT

March 3, 1980

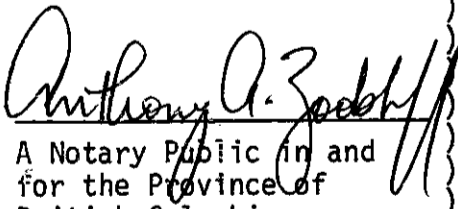
In the matter of the Yukon Quartz Mining Act and in the matter of a Geochemical Survey carried out on Mineral Claims SEN 1 to 8 located in the Whitehorse Mining District, Yukon Territory, more particularly NTS: 115 I/3

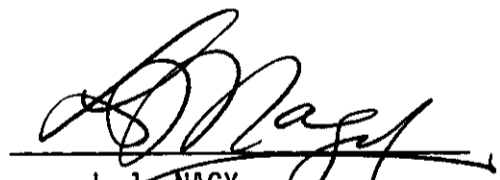
A F F I D A V I T

I, L.J. Nagy, of the City of Vancouver, in the Province of British Columbia, Project Geologist, make oath and say:-

- 1) That I am employed as a geologist by Cominco Ltd. and as such have a personal knowledge of the facts to which I hereinafter depose;
- 2) That annexed hereto and marked as "Exhibit A" to this my Affidavit is a true copy of expenditures on a geochemical and geological survey carried out on mineral claims SEN 1 to 8;
- 3) That the said expenditures were incurred between the 14th day of June 1979 and the 24th day of June 1979, for the purpose of mineral exploration on the above noted claim group.

Sworn before me at the
City of Vancouver in the
Province of British
Columbia this 21st
day of March
1980.


A Notary Public in and
for the Province of
British Columbia


L.J. NAGY
Project Geologist

COMINCO LTD.

EXPLORATION

NTS: 115 I/3

WESTERN DISTRICT

March 3, 1980

"EXHIBIT A"

GEOCHEMICAL REPORT ON THE
SEN CLAIMS 1-8 SITUATED
at 62°05'N Latitude, 137°11'W Longitude
Whitehorse Mining District
Yukon Territory

1) Salaries:		
D. Carr - 11 days @ \$105.60		\$1,161.60
B. Grant - 11 days @ \$74.80		822.80
L. Nagy - 8 days @ \$148.72		1,189.76
2) Geochemistry (480 Soil Samples)		
480 analysed for Mo, W, Sn @ \$7.25 each		3,480.00
3) Camp Costs (gear and food)		
25 man days @ \$25.00/day		625.00
4) Transportation		
2 4x4 trucks - 11 days @ \$35.00/day x 2		770.00
		<hr/>
TOTAL EXPENDITURES		\$8,049.16

Signed: _____

L.J. Nagy
L.J. NAGY
Project Geologist

This is Exhibit "A" to the Affidavit relating to the geochemical survey
sworn by declared before me *by L.J. Nagy* on this *3rd* day of *March*, 1980.

Nagy Signed: _____

Anthony A. Zobl
A Notary Public in and for
the Province of British Columbia

COMINCO LTD.

EXPLORATION
NTS: 115 I/3

WESTERN DISTRICT
March 3, 1980

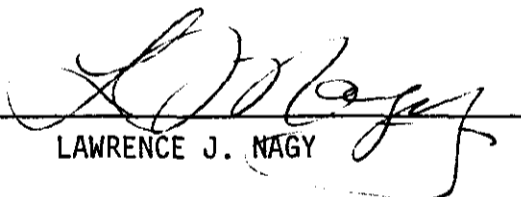
STATEMENT OF QUALIFICATIONS

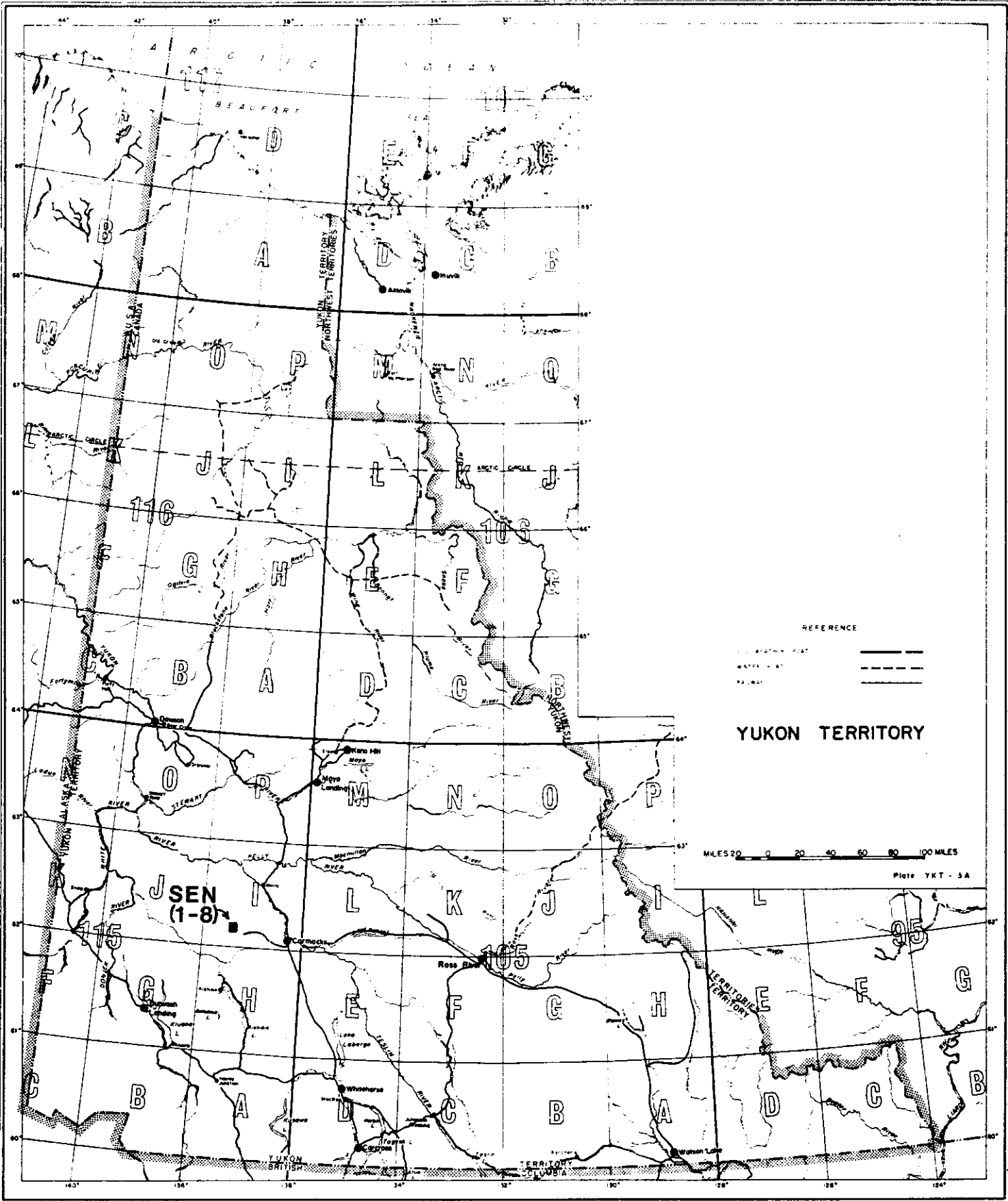
I, Lawrence J. Nagy, with business address at 700-409 Granville Street, Vancouver, British Columbia, do hereby certify that I have supervised the fieldwork and have assessed and interpreted the data resulting from this geochemical survey on the SEN mineral claims.

I also certify:-

- 1) That I am a graduate of the University of Saskatchewan, B.A. Geological Sciences (1969);
- 2) That I have engaged in mineral exploration in Canada and Australia since graduation.

Respectfully submitted by:


LAWRENCE J. NAGY



EM

NTS-115 I-3

WHITEHORSE M.D.



Drawn by:		Traced by:	
Revised by:	Date:	Revised by:	Date:

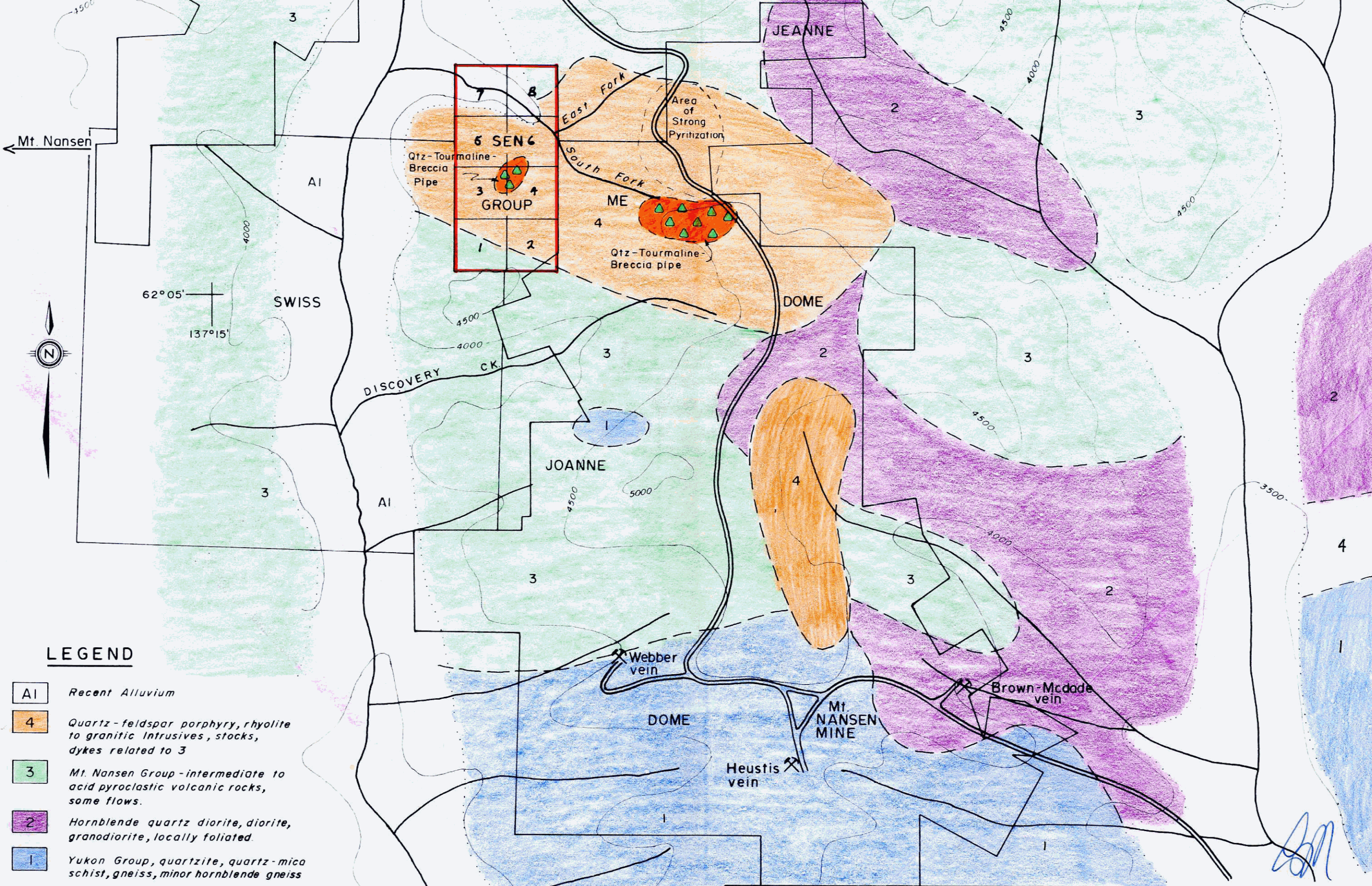
LOCATION MAP

SEN I-8

Scale:

Date:

Plate: **SEN 79-1**



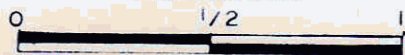
LEGEND

- AI Recent Alluvium
- 4 Quartz-feldspar porphyry, rhyolite to granitic intrusives, stocks, dykes related to 3
- 3 Mt. Nansen Group - intermediate to acid pyroclastic volcanic rocks, some flows.
- 2 Hornblende quartz diorite, diorite, granodiorite, locally foliated.
- 1 Yukon Group, quartzite, quartz-mica schist, gneiss, minor hornblende gneiss

SCALE



KILOMETRES



MILES

CORDILLERAN TIN

NTS 115 1/3



Drawn by: L J N / Traced by: D M C

Revised by: / Date: / Revised by: / Date:

MT. NANSEN REGIONAL GEOLOGY AND TENURE

Scale: 1" = 1/2 Mi / Date: Apr 1979

Plate: SEN 79-2

SAMPLE NUMBER	FIELD NUMBER	Cu ppm	Ag ppm	Mo ppm	W ppm	Sn ppm
S79 10504	5350 N 10500 E			2	2	<2
S79 10505	5500 N 9500 E			2	4	i
S79 10506	5500 N 9550 E			2	2	<2
S79 10507	5500 N 9575 E			2	4	<2
S79 10508	5500 N 9625 E			2	3	<2
S79 10509	5500 N 9650 E			2	2	<2
S79 10510	5500 N 9675 E				2	<2
S79 10511	5500 N 9700 E			2	7	<2
S79 10512	5500 N 9725 E			2	4	<2
S79 10513	5500 N 9750 E			2	3	2
S79 10514	5500 N 9775 E			2	4	<2
S79 10515	5500 N 9800 E			2	2	<2
S79 10516	5500 N 9825 E			2	8	<2
S79 10517	5500 N 9850 E			2	2	<2
S79 10518	5500 N 9875 E			3	4	<2
S79 10519	5500 N 9900 E			4	4	3
S79 10520	5500 N 9925 E			5	4	3
S79 10521	5500 N 9950 E			5	6	4
S79 10522	5500 N 9975 E			4	6	<2
S79 10523	5500 N 10025 E			2	2	<2
S79 10524	5500 N 10050 E			2	4	<2
S79 10525	5500 N 10075 E			9	5	<2
S79 10526	5500 N 10100 E			9	4	<2
S79 10527	5500 N 10125 E			6	4	<2
S79 10528	5500 N 10150 E			2	4	<2
S79 10529	5500 N 10175 E			5	3	<2
S79 10530	5500 N 10200 E			2	3	<2
S79 10531	5500 N 10225 E			2	4	<2
S79 10532	5500 N 10250 E			3	5	<2
S79 10533	5500 N 10275 E			2	2	<2
S79 10534	5500 N 10300 E			12	10	i
S79 10535	5500 N 10325 E			2	6	<2
S79 10536	5500 N 10350 E			2	6	2
S79 10537	5500 N 10375 E			2	3	2
S79 10538	5500 N 10400 E			2	4	<2
S79 10539	5500 N 10425 E			2	2	<2
S79 10540	5500 N 10450 E			2	3	<2
S79 10541	5500 N 10475 E			2	4	<2
S79 10542	5500 N 10500 E			2	2	<2

SAMPLE NUMBER	FIELD NUMBER	Cu ppm	Ag ppm	Mo ppm	W ppm	Sn ppm
S79 10543	5050 N 9500 E			2	2	<2
S79 10544	5050 N 9525 E			2	3	<2
S79 10545	5050 N 9550 E			2	2	<2
S79 10546	5050 N 9575 E			2	4	<2
S79 10547	5050 N 9600 E			2	2	<2
S79 10548	5050 N 9625 E			2	2	<2
S79 10549	5050 N 9650 E			2	2	<2
S79 10550	5050 N 9675 E			2	3	<2
S79 10551	5050 N 9700 E			2	3	<2
S79 10552	5050 N 9725 E			2	3	2
S79 10553	5050 N 9750 E			2	2	<2
S79 10554	5050 N 9775 E			2	3	<2
S79 10555	5050 N 9800 E			2	2	<2
S79 10556	5050 N 9825 E			2	7	<2
S79 10557	5050 N 9850 E			2	3	<2
S79 10558	5050 N 9875 E			2	2	<2
S79 10559	5050 N 9900 E			2	2	<2
S79 10560	5050 N 9925 E			2	2	<2
S79 10561	5050 N 9950 E			2	3	<2
S79 10562	5050 N 9975 E			2	3	<2
S79 10563	5200 N 9500 E			2	3	<2
S79 10564	5200 N 9525 E			2	2	2
S79 10565	5200 N 9550 E			2	2	<2
S79 10566	5200 N 9575 E			2	750	<2
S79 10567	5200 N 9600 E			2	3	<2
S79 10568	5200 N 9625 E			2	3	<2
S79 10569	5200 N 9650 E			2	15	<2
S79 10570	5200 N 9675 E			2	3	<2
S79 10571	5200 N 9700 E			2	2	<2
S79 10572	5200 N 9725 E			2	8	<2
S79 10573	5200 N 9750 E			2	4	<2
S79 10574	5200 N 9775 E			2	3	<2
S79 10575	5200 N 9800 E			2	2	<2
S79 10576	5200 N 9825 E			2	2	<2
S79 10577	5200 N 9850 E			2	8	2
S79 10578	5200 N 9875 E			2	4	2
S79 10579	5200 N 9900 E			2	3	<2
S79 10580	5200 N 9925 E			2	4	<2
S79 10581	5200 N 9950 E			2	5	2

SAMPLE NUMBER	FIELD NUMBER	Cu ppm	Ag ppm	Mo ppm	W ppm	Sn ppm
S79 10582	5200 N 9975 E			2	4	<2
S79 10583	5650 N 9500 E			2	2	<2
S79 10584	5650 N 9525 E			5	4	2
S79 10585	5650 N 9550 E			3	8	<2
S79 10586	5650 N 9575 E			3	4	2
S79 10587	5650 N 9600 E			5	2	<2
S79 10588	5650 N 9625 E			5	7	<2
S79 10589	5650 N 9650 E			2	2	<2
S79 10590	5650 N 9675 E			2	8	2
S79 10591	5650 N 9700 E			2	3	<2
S79 10592	5650 N 9725 E			2	2	2
S79 10593	5650 N 9750 E			3	8	<2
S79 10594	5650 N 9775 E			2	4	<2
S79 10595	5650 N 9800 E			3	3	<2
S79 10596	5650 N 9825 E			2	8	<2
S79 10597	5650 N 9850 E			2	3	<2
S79 10598	5650 N 9875 E			2	6	<2
S79 10599	5650 N 9900 E			2	4	<2
S79 10600	5650 N 9925 E			2	3	<2
S79 10601	5650 N 9950 E			2	4	<2
S79 10602	5650 N 9975 E			2	3	<2
S79 10603	5650 N 10025 E			3	3	<2
S79 10604	5650 N 10050 E			2	3	2
S79 10605	5650 N 10075 E			3	7	<2
S79 10606	5650 N 10100 E			5	6	<2
S79 10607	5650 N 10125 E			22	10	<2
S79 10608	5650 N 10150 E			3	6	<2
S79 10609	5650 N 10175 E			2	4	<2
S79 10610	5650 N 10200 E			3	4	<2
S79 10611	5650 N 10225 E			2	9	<2
S79 10612	5650 N 10250 E			2	15	<2
S79 10613	5650 N 10275 E			3	15	<2
S79 10614	5650 N 10300 E			2	4	<2
S79 10615	5650 N 10325 E			2	3	<2
S79 10616	5650 N 10350 E			3	8	2
S79 10617	5650 N 10375 E			2	8	<2
S79 10618	5650 N 10400 E			2	2	<2
S79 10619	5650 N 10425 E			2	2	2
S79 10620	5650 N 10450 E			2	2	<2

SAMPLE NUMBER	FIELD NUMBER	Cu ppm	Ag ppm	Mo ppm	W ppm	Sn ppm
S79 10621	5650 N 10475 E			5	4	<2
S79 10622	5650 N 10500 E			3	4	<2
S79 10623	5800 N 9500 E			17	6	<2
S79 10624	5800 N 9525 E			16	8	<2
S79 10625	5800 N 9550 E			8	7	<2
S79 10626	5800 N 9575 E			3	4	<2
S79 10627	5800 N 9600 E			7	4	<2
S79 10628	5800 N 9625 E			3	4	<2
S79 10629	5800 N 9650 E			2	2	2
S79 10630	5800 N 9675 E			2	2	<2
S79 10631	5800 N 9700 E			2	3	<2
S79 10632	5800 N 9725 E			2	4	<2
S79 10633	5800 N 9750 E			2	3	<2
S79 10634	5800 N 9775 E			2	3	<2
S79 10635	5800 N 9800 E			2	12	<2
S79 10636	5800 N 9825 E			2	6	<2
S79 10637	5800 N 9850 E			2	2	<2
S79 10638	5800 N 9875 E			2	3	<2
S79 10639	5800 N 9900 E			3	3	<2
S79 10640	5800 N 9925 E			2	3	<2
S79 10641	5800 N 9950 E			3	8	<2
S79 10642	5800 N 9975 E			2	3	<2
S79 10643	5800 N 10025 E			3	4	<2
S79 10644	5800 N 10050 E			2	6	<2
S79 10645	5800 N 10075 E			2	3	<2
S79 10646	5800 N 10100 E			3	4	<2
S79 10647	5800 N 10125 E			2	3	<2
S79 10648	5800 N 10150 E			2	3	<2
S79 10649	5800 N 10175 E			4	4	<2
S79 10650	5800 N 10200 E			3	5	<2
S79 10651	5800 N 10225 E			3	8	<2
S79 10652	5800 N 10250 E			5	10	<2
S79 10653	5800 N 10275 E			4	8	<2
S79 10654	5800 N 10300 E			3	7	<2
S79 10655	5800 N 10325 E			3	7	<2
S79 10656	5800 N 10350 E			5	9	<2
S79 10657	5800 N 10375 E			2	3	<2
S79 10658	5800 N 10400 E			3	17	<2
S79 10659	5800 N 10425 E			2	3	<2

SAMPLE NUMBER	FIELD NUMBER	Cu ppm	Ag ppm	Mo ppm	W ppm	Sn ppm
S79 10660	5800 N 10450 E			2	6	<2
S79 10661	5800 N 10475 E			2	4	<2
S79 10662	5800 N 10500 E			2	4	<2
S79 10663	5950 N 9500 E			10	4	2
S79 10664	5950 N 9525 E			2	3	<2
S79 10665	5950 N 9550 E			3	3	2
S79 10666	5950 N 9575 E			2	50	<2
S79 10667	5950 N 9600 E			3	3	<2
S79 10668	5950 N 9625 E			2	3	<2
S79 10669	5950 N 9650 E			2	4	<2
S79 10670	5950 N 9675 E			2	4	<2
S79 10671	5950 N 9700 E			2	4	<2
S79 10672	5950 N 9725 E			2	4	<2
S79 10673	5950 N 9750 E			2	2	<2
S79 10674	5950 N 9775 E			2	3	<2
S79 10675	5950 N 9800 E			2	8	<2
S79 10676	5950 N 9825 E			2	15	<2
S79 10677	5950 N 9850 E			3	8	<2
S79 10678	5950 N 9875 E			2	3	<2
S79 10679	5950 N 9900 E			2	4	<2
S79 10680	5950 N 9925 E			2	6	<2
S79 10681	5950 N 9950 E			2	4	<2
S79 10682	5950 N 9975 E			2	4	<2
S79 10683	5950 N 10025 E			2	5	<2
S79 10684	5950 N 10050 E			2	4	<2
S79 10685	5950 N 10075 E			2	6	<2
S79 10686	5950 N 10100 E			2	4	<2
S79 10687	5950 N 10125 E			2	6	<2
S79 10688	5950 N 10150 E			2	5	2
S79 10689	5950 N 10175 E			2	8	<2
S79 10690	5950 N 10200 E			2	8	<2
S79 10691	5950 N 10225 E			5	10	2
S79 10692	5950 N 10250 E			2	6	<2
S79 10693	5950 N 10275 E			5	7	<2
S79 10694	5950 N 10300 E			5	9	<2
S79 10695	5950 N 10325 E			3	6	<2
S79 10696	5950 N 10400 E			2	4	<2
S79 10697	5950 N 10425 E			2	5	<2
S79 10698	5950 N 10450 E			2	8	<2

SAMPLE NUMBER	FIELD NUMBER	Cu ppm	Ag ppm	Mo ppm	W ppm	Sn ppm
S79 10699	5950 N 10475 E			2	6	<2
S79 10700	5950 N 10500 E			2	5	<2
S79 10701	6100 N 9500 E			3	2	<2
S79 10702	6100 N 9525 E			5	4	<2
S79 10703	6100 N 9550 E			3	4	2
S79 10704	6100 N 9575 E			2	2	2
S79 10705	6100 N 9600 E			2	30	1
S79 10706	6100 N 9625 E			2	3	<2
S79 10707	6100 N 9650 E			2	3	<2
S79 10708	6100 N 9675 E			2	2	2
S79 10709	6100 N 9700 E			2	4	<2
S79 10710	6100 N 9725 E			2	8	2
S79 10711	6100 N 9750 E			3	10	<2
S79 10712	6100 N 9775 E			5	15	<2
S79 10713	6100 N 9800 E			2	4	<2
S79 10714	6100 N 9825 E			2	6	<2
S79 10715	6100 N 9850 E			3	5	<2
S79 10716	6100 N 9875 E			2	7	<2
S79 10717	6100 N 9900 E			3	10	<2
S79 10718	6100 N 9925 E			2	3	<2
S79 10719	6100 N 9950 E			2	4	<2
S79 10720	6100 N 9975 E			2	6	<2
S79 10721	6100 N 10025 E			2	4	<2
S79 10722	6100 N 10050 E			2	4	<2
S79 10723	6100 N 10075 E			2	4	<2
S79 10724	6100 N 10100 E			2	4	<2
S79 10725	6100 N 10125 E			2	6	<2
S79 10726	6100 N 10150 E			2	6	<2
S79 10727	6100 N 10175 E			3	9	<2
S79 10728	6100 N 10200 E			2	6	<2
S79 10729	6100 N 10225 E			4	10	<2
S79 10730	6100 N 10250 E			3	4	<2
S79 10731	6100 N 10275 E			2	5	2
S79 10732	6100 N 10300 E			3	8	<2
S79 10733	6100 N 10325 E			2	6	<2
S79 10734	6100 N 10350 E			2	22	2
S79 10735	6100 N 10375 E			2	4	<2
S79 10736	6100 N 10400 E			2	6	<2
S79 10737	6100 N 10425 E			2	4	<2

SAMPLE NUMBER	FIELD NUMBER	Cu ppm	Ag ppm	Mo ppm	W ppm	Sn ppm
S79 10738	6100 N 10450 E			2	4	<2
S79 10739	6100 N 10475 E			2	4	2
S79 10740	6100 N 10500 E			2	8	2
S79 10741	6250 N 9500 E			3	4	<2
S79 10742	6250 N 9525 E			7	8	<2
S79 10743	6250 N 9550 E			2	3	<2
S79 10744	6250 N 9575 E			5	6	<2
S79 10745	6250 N 9600 E			2	7	<2
S79 10746	6250 N 9625 E			2	2	<2
S79 10747	6250 N 9650 E			3	12	<2
S79 10748	6250 N 9675 E			5	10	<2
S79 10749	6250 N 9700 E			3	12	<2
S79 10750	6250 N 9725 E			7	30	<2
S79 10751	6250 N 9750 E			3	8	<2
S79 10752	6250 N 9775 E			3	4	2
S79 10753	6250 N 9800 E			5	5	<2
S79 10754	6250 N 9825 E			3	6	<2
S79 10755	6250 N 9850 E			2	4	<2
S79 10756	6250 N 9875 E			3	5	<2
S79 10757	6250 N 9900 E			3	4	<2
S79 10758	6250 N 9925 E			2	5	<2
S79 10759	6250 N 9950 E			2	4	<2
S79 10760	6250 N 9975 E			2	6	<2
S79 10761	6250 N 10025 E			2	7	<2
S79 10762	6250 N 10050 E			2	2	<2
S79 10763	6250 N 10075 E			2	4	<2
S79 10764	6250 N 10100 E			2	3	<2
S79 10765	6250 N 10125 E			2	3	<2
S79 10766	6250 N 10150 E			2	3	2
S79 10767	6250 N 10175 E			2	3	<2
S79 10768	6250 N 10200 E			3	6	<2
S79 10769	6250 N 10225 E			2	4	<2
S79 10770	6250 N 10250 E			2	3	<2
S79 10771	6250 N 10275 E			<2	4	<2
S79 10772	6250 N 10300 E			2	2	<2
S79 10773	6250 N 10350 E			2	2	<2
S79 10774	6250 N 10375 E			5	4	2
S79 10775	6250 N 10400 E			3	4	<2
S79 10776	6250 N 10425 E			2	5	<2

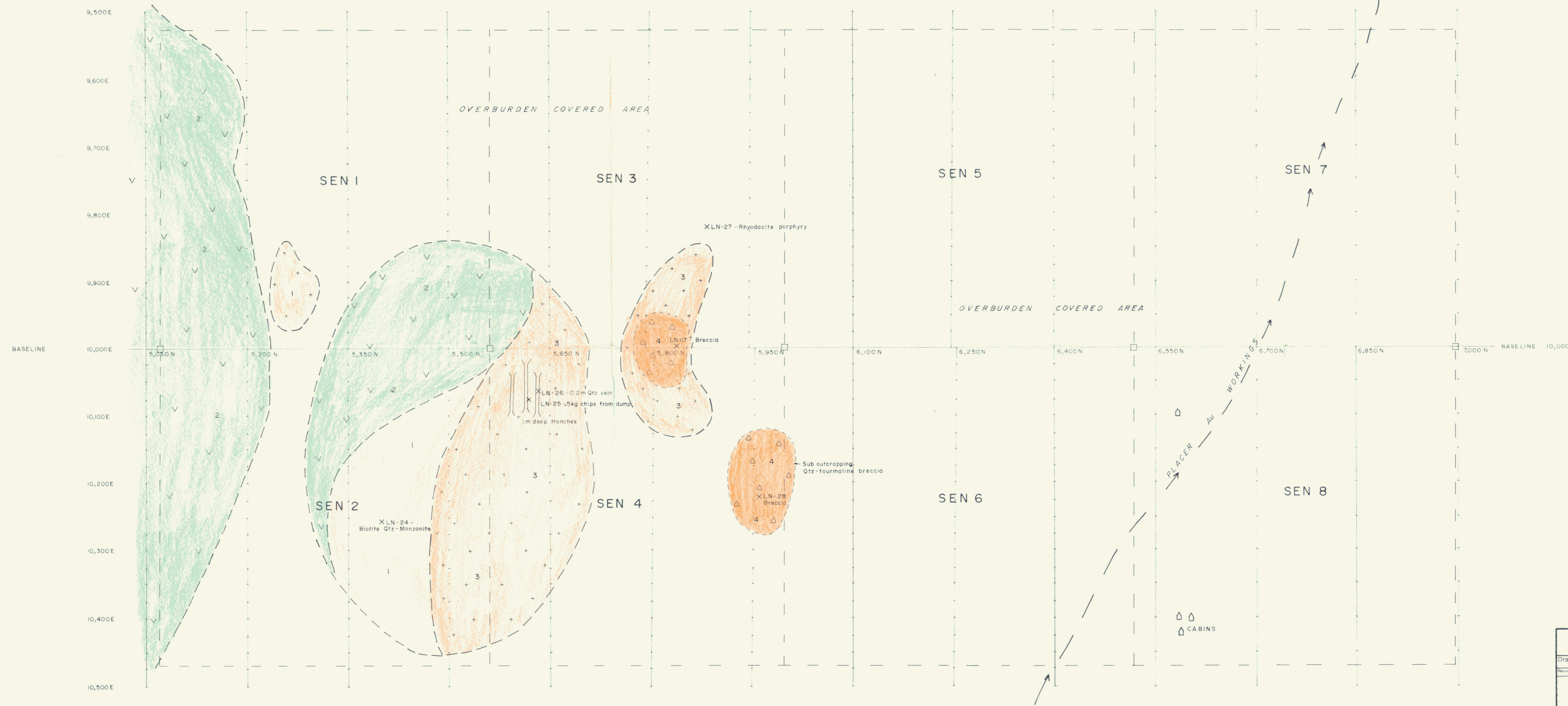
SAMPLE NUMBER	FIELD NUMBER	Cu ppm	Ag ppm	Mo ppm	W ppm	Sn ppm
S79 10777	6250 N 10450 E			2	4	<2
S79 10778	6250 N 10475 E			2	3	<2
S79 10779	6250 N 10500 E			2	4	<2
S79 10780	6400 N 9500 E			2	2	<2
S79 10781	6400 N 9525 E			2	2	<2
S79 10782	6400 N 9550 E			2	3	2
S79 10783	6400 N 9575 E			2	3	<2
S79 10784	6400 N 9600 E			2	3	<2
S79 10785	6400 N 9625 E			2	15	<2
S79 10786	6400 N 9650 E			3	4	<2
S79 10787	6400 N 9675 E			2	10	<2
S79 10788	6400 N 9700 E			3	8	2
S79 10789	6400 N 9725 E			3	8	<2
S79 10790	6400 N 9750 E			3	8	<2
S79 10791	6400 N 9775 E			3	4	<2
S79 10792	6400 N 9800 E			2	10	<2
S79 10793	6400 N 9825 E			3	12	<2
S79 10794	6400 N 9850 E			3	7	<2
S79 10795	6400 N 9875 E			2	2	2
S79 10796	6400 N 9900 E			2	4	2
S79 10797	6400 N 9925 E			2	2	<2
S79 10798	6400 N 9950 E			2	4	<2
S79 10799	6400 N 9975 E			2	2	<2
S79 10800	6400 N 10025 E			2	3	<2
S79 10801	6400 N 10050 E			2	3	<2
S79 10802	6400 N 10075 E			2	5	<2
S79 10803	6400 N 10100 E			2	4	<2
S79 10804	6400 N 10125 E			2	3	<2
S79 10805	6400 N 10150 E			2	7	2
S79 10806	6400 N 10175 E			2	5	<2
S79 10807	6400 N 10200 E			2	3	<2
S79 10808	6400 N 10225 E			2	2	<2
S79 10809	6400 N 10250 E			3	8	<2
S79 10810	6400 N 10275 E			7	6	<2
S79 10811	6400 N 10300 E			3	2	<2
S79 10812	6400 N 10325 E			3	2	<2
S79 10813	6400 N 10350 E			2	5	<2
S79 10814	6400 N 10375 E			2	7	<2
S79 10815	6400 N 10400 E			3	10	<2

SAMPLE NUMBER	FIELD NUMBER	Cu ppm	Ag ppm	Mo ppm	W ppm	Sn ppm
S79 10816	6400 N 10425 E			7	12	<2
S79 10817	6400 N 10450 E			3	8	2
S79 10818	6400 N 10475 E			5	7	<2
S79 10819	6400 N 10500 E			3	5	2
S79 10820	6550 N 9500 E			2	7	<2
S79 10821	6550 N 9550 E			3	8	<2
S79 10822	6550 N 9600 E			2	5	<2
S79 10823	6550 N 9650 E			2	2	<2
S79 10824	6550 N 9700 E			2	4	<2
S79 10825	6550 N 9750 E			2	6	<2
S79 10826	6550 N 9800 E			2	4	<2
S79 10827	6550 N 9850 E			2	4	<2
S79 10828	6550 N 9900 E			2	5	<2
S79 10829	6550 N 9950 E			2	4	<2
S79 10830	6550 N 10050 E			2	7	<2
S79 10831	6550 N 10100 E			2	3	<2
S79 10832	6550 N 10150 E			2	3	<2
S79 10833	6550 N 10200 E			2	2	<2
S79 10834	6550 N 10250 E			3	3	<2
S79 10835	6550 N 10300 E			3	3	<2
S79 10836	6550 N 10350 E			2	3	<2
S79 10837	6550 N 10400 E			7	5	<2
S79 10838	6550 N 10450 E			3	3	<2
S79 10839	6550 N 10500 E			2	4	<2
S79 10840	6700 N 9500 E			2	6	<2
S79 10841	6700 N 9550 E			2	3	<2
S79 10842	6700 N 9600 E			2	6	<2
S79 10843	6700 N 9650 E			2	3	<2
S79 10844	6700 N 9700 E			2	2	<2
S79 10845	6700 N 9750 E			2	4	<2
S79 10846	6700 N 9800 E			2	3	<2
S79 10847	6700 N 9850 E			2	6	<2
S79 10848	6700 N 9900 E			2	3	<2
S79 10849	6700 N 9950 E			2	3	<2
S79 10850	6700 N 10050 E			2	2	<2
S79 10851	6700 N 10100 E			5	5	<2
S79 10852	6700 N 10150 E			7	4	<2
S79 10853	6700 N 10300 E			5	4	<2
S79 10854	6700 N 10350 E			5	3	<2

SAMPLE NUMBER	FIELD NUMBER	Cu ppm	Ag ppm	Mo ppm	W ppm	Sn ppm
S79 10855	6700 N 10400 E			3	2	<2
S79 10856	6700 N 10450 E			3	3	<2
S79 10857	6700 N 10500 E			2	2	<2
S79 10858	6850 N 9500 E			2	4	<2
S79 10859	6850 N 9550 E			2	4	<2
S79 10860	6850 N 9600 E			2	3	2
S79 10861	6850 N 9650 E			2	4	<2
S79 10862	6850 N 9700 E			2	4	<2
S79 10863	6850 N 9750 E			2	3	<2
S79 10864	6850 N 9850 E			7	3	<2
S79 10865	6850 N 9900 E			21	6	2
S79 10866	6850 N 9950 E			3	17	<2
S79 10867	6850 N 10050 E			2	2	<2
S79 10868	6850 N 10100 E			5	3	2
S79 10869	6850 N 10150 E			2	3	<2
S79 10870	6850 N 10200 E			2	3	<2
S79 10871	6850 N 10250 E			2	2	2
S79 10872	6850 N 10350 E			2	3	<2
S79 10873	6850 N 10400 E			2	2	2
S79 10874	6850 N 10450 E			2	3	<2
S79 10875	6850 N 10500 E			2	4	<2
S79 10876	7000 N 9500 N			3	4	<2
S79 10877	7000 N 9550 N			3	3	2
S79 10878	7000 N 9600 N			3	3	<2
S79 10879	7000 N 9650 N			3	2	2
S79 10880	7000 N 9750 E			3	2	<2
S79 10881	7000 N 9800 E			2	3	<2
S79 10882	7000 N 9850 E			2	3	<2
S79 10883	7000 N 9900 E			2	3	<2
S79 10884	7000 N 9950 E			2	3	<2
S79 10885	7000 N 10100 E			2	3	2
S79 10886	7000 N 10200 E			3	2	2
S79 10887	7000 N 10250 E			2	2	<2
S79 10888	7000 N 10300 E			2	2	<2
S79 10889	7000 N 10350 E			2	3	<2
S79 10890	7000 N 10400 E			2	4	<2
S79 10891	7000 N 10450 E			3	3	2
S79 10892	7000 N 10500 E			2	4	2
S79 10893	5950 N 10350 E			3	6	2

SAMPLE NUMBER	FIELD NUMBER	Cu ppm	Ag ppm	Mo ppm	W ppm	Sn ppm
S79 10894	5950 N 10375 E			2	5	2
S79 10895	10000 E 7000 N			2	3	<2
S79 10896	10000 E 6975 N			2	2	2
S79 10897	10000 E 6950 N			2	2	<2
S79 10898	10000 E 6925 N			2	2	<2
S79 10899	10000 E 6900 N			2	2	<2
S79 10900	10000 E 6875 N			2	4	2
S79 10901	10000 E 6850 N			2	3	<2
S79 10902	10000 E 6825 N			2	3	<2
S79 10903	10000 E 6750 N			2	3	<2
S79 10904	10000 E 6725 N			2	2	<2
S79 10905	10000 E 6700 N			5	4	<2
S79 10906	10000 E 6675 N			3	4	<2
S79 10907	10000 E 6650 N			2	2	2
S79 10908	10000 E 6625 N			3	4	2
S79 10909	10000 E 6600 N			2	4	2
S79 10910	10000 E 6575 N			2	2	<2
S79 10911	10000 E 6550 N			2	2	1
S79 10912	10000 E 6525 N			5	2	<2
S79 10913	10000 E 6500 N			3	2	<2
S79 10914	10000 E 6475 N			2	2	1
S79 10915	10000 E 6450 N			3	6	2
S79 10916	10000 E 6425 N			2	2	<2
S79 10917	10000 E 6400 N			3	4	1
S79 10918	10000 E 6375 N			2	2	1
S79 10919	10000 E 6350 N			2	2	<2
S79 10920	10000 E 6325 N			2	2	2
S79 10921	10000 E 6300 N			2	3	2
S79 10922	10000 E 6275 N			3	2	<2
S79 10923	10000 E 6250 N			3	2	<2
S79 10924	10000 E 6225 N			2	3	<2
S79 10925	10000 E 6200 N			2	8	2
S79 10926	10000 E 6175 N			2	2	<2
S79 10927	10000 E 6150 N			2	3	2
S79 10928	10000 E 6125 N			2	3	<2
S79 10929	10000 E 6100 N			2	3	2
S79 10930	10000 E 6075 N			2	3	2
S79 10931	10000 E 6050 N			2	3	<2
S79 10932	10000 E 6025 N			2	3	<2

SAMPLE NUMBER	FIELD NUMBER	Cu ppm	Ag ppm	Mo ppm	W ppm	Sn ppm
S79 10933	10000 E 6000 N			2	4	<2
S79 10934	10000 E 5975 N			2	2	<2
S79 10935	10000 E 5950 N			2	4	<2
S79 10936	10000 E 5925 N			2	4	<2
S79 10937	10000 E 5900 N			2	4	<2
S79 10938	10000 E 5875 N			2	5	<2
S79 10939	10000 E 5850 N			3	5	2
S79 10940	10000 E 5825 N			3	8	2
S79 10941	10000 E 5800 N			2	2	<2
S79 10942	10000 E 5775 N			4	5	<2
S79 10943	10000 E 5750 N			2	3	<2
S79 10944	10000 E 5725 N			2	4	<2
S79 10945	10000 E 5700 N			2	15	<2
S79 10946	10000 E 5675 N			2	6	<2
S79 10947	10000 E 5650 N			2	2	<2
S79 10948	10000 E 5625 N			3	3	<2
S79 10949	10000 E 5600 N			5	4	<2
S79 10950	10000 E 5575 N			2	3	<2
S79 10951	10000 E 5550 N			2	4	<2
S79 10952	10000 E 5525 N			3	4	<2
S79 10953	10000 E 5500 N			2	2	<2
S79 10954	10000 E 5475 N			2	3	<2
S79 10955	10000 E 5450 N			3	3	<2
S79 10956	10000 E 5425 N			2	2	<2
S79 10957	10000 E 5400 N			5	3	2
S79 10958	10000 E 5375 N			3	2	<2
S79 10959	10000 E 5350 N			2	5	<2
S79 10960	10000 E 5325 N			2	2	<2
S79 10961	10000 E 5300 N			2	4	<2
S79 10962	10000 E 5275 N			2	4	<2
S79 10963	10000 E 5250 N			2	3	<2
S79 10964	10000 E 5225 N			2	3	<2
S79 10965	10000 E 5200 N			2	2	<2
S79 10966	10000 E 5175 N			5	3	<2
S79 10967	10000 E 5150 N			3	6	<2
S79 10968	10000 E 5125 N			2	2	<2
S79 10969	10000 E 5100 N			2	2	<2
S79 10970	10000 E 5075 N			2	2	<2
S79 10971	10000 E 5050 N			2	3	<2



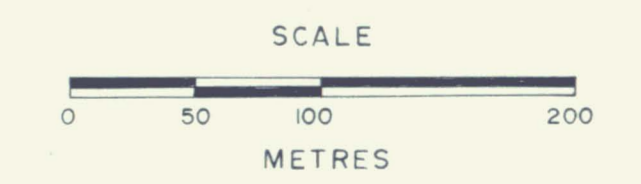
LEGEND

- CRETACEOUS AND/OR TERTIARY**
- △ 4 △ Quartz - tourmaline breccia - highly altered 3 and 2 fragments in tourmaline - quartz matrix
 - + 3 + Rhyodacite porphyry, highly kaolinized, 3-5% pyrite
 - V 2 V Mt Nansen Group - intermediate to acid pyroclastic volcanic rocks, some flows
- CRETACEOUS OR OLDER**
- 1 - Biotite quartz - monzonite - 2-3% pyrite

ROCK GEOCHEMISTRY

XLN-24 SAMPLE SITE LOCATION

	Cu (ppm)	Au (ppb)	Mo (ppm)	W (ppm)	Sn (ppm)
LN-24	22	34	3	4	<20
LN-25R	13	11000	2	4	<20
LN-26	-	-	2	12	-
LN-27	4	20	2	5	<20
LN-28	4	32	3	10	<20
LN-117	-	<10	-	-	<20



090616

CORDILLERAN TIN		NTS 115 1/3	
Drawn by: LJN	Traced by: DMC		
Revised by: _____	Revised by: _____		
SEN I-8 GEOLOGY, ROCK GEOCHEMISTRY			
Scale 1:3,000		Date MAR 1980	Plat: SEN 79 3

DMC

