

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORTS

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GEOCHEMICAL ASSESSMENT REPORT
ON THE
CHU PROPERTY, OMENICA M.D., B.C.

NTS: 93F/7E
LAT: 53°22'; LONG: 124°36'

PROPERTY OWNED BY
ORVANA MINERALS CORP.

REPORT BY
ARNE O. BIRKELAND, P.ENG.
ARNEX RESOURCES LTD.

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GEOLOGICAL BRANCH
ASSESSMENT REPORT

24,144

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GEOCHEMICAL REPORT
CHU PROPERTY, OMENICA M.D., B.C.

1.0 INTRODUCTION

1.1 General

A 4 man-day field program was conducted on the Chu, Chu 2 and Chu 3 Mineral Claims during the period August 14 to 31, 1994. Field work consisted of stream sediment and rock chip geochemical sampling. Sixteen stream sediment and 3 rock chip samples were taken. A total expenditure of \$3,600 was incurred (APPENDIX I).

1.2 Property Tenure

The Chu Mineral Claims are comprised of 3 contiguous mineral claims totaling 40 units owned by Orvana Minerals Corp. (Table 1, Figure 2).

1.3 Location, Access, Physiography and Climate

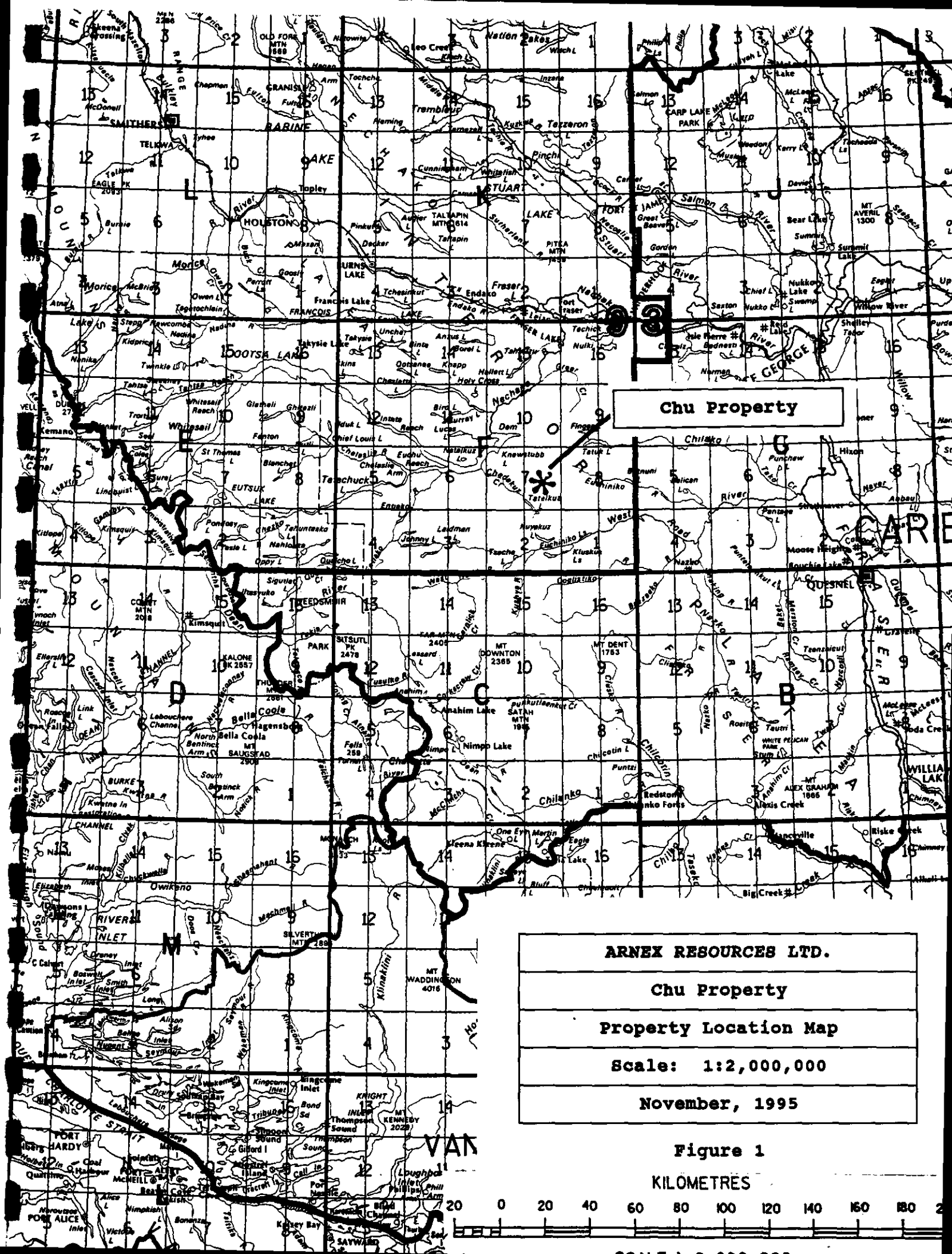
The Chu Mineral Claims are located approximately 5 km west of Chutanli Lake, approximately 100 km southwest of Vanderhoof B.C. (NTS 93F/7E, Figures 1 and 2). Access is via the Kluskus logging road network from Vanderhoof.

The property lies within the Nechako Plateau physiographic region where the topography is characterized by low relief, swampy lakes and poorly developed first and second order creek drainages. The Chu claims cover the height of land of a portion of the Nechako Range and moderate relief with local steep slopes is present on the property. The lower elevations of the property has been logged in recent years and young second growth forest is present. Climatic conditions are semi-arid to temperate with hot and dry weather in summer and cold temperatures and light to moderate snow cover in winter.

Table 1

Tan Claims - Mineral Tenure

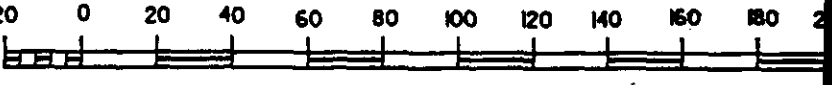
Claim Name	Record #	No of Units	Expiry Date
Chu	331306	20	07/10/96
Chu 2	332289	12	02/11/96
Chu 3	332290	8	04/11/96



Chu Property

ARNEX RESOURCES LTD.
Chu Property
Property Location Map
Scale: 1:2,000,000
November, 1995

Figure 1
KILOMETRES



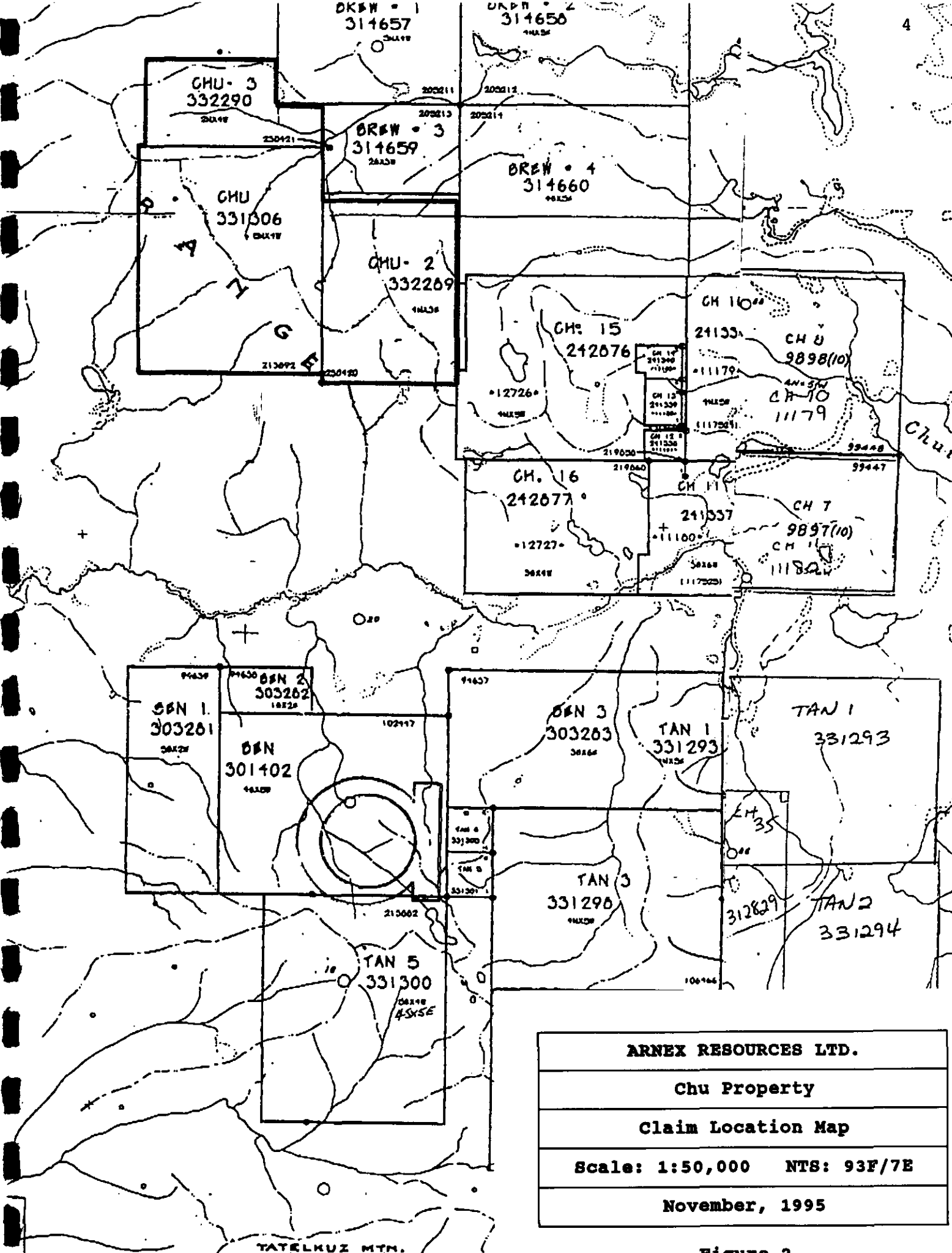


Figure 2

1.4 History

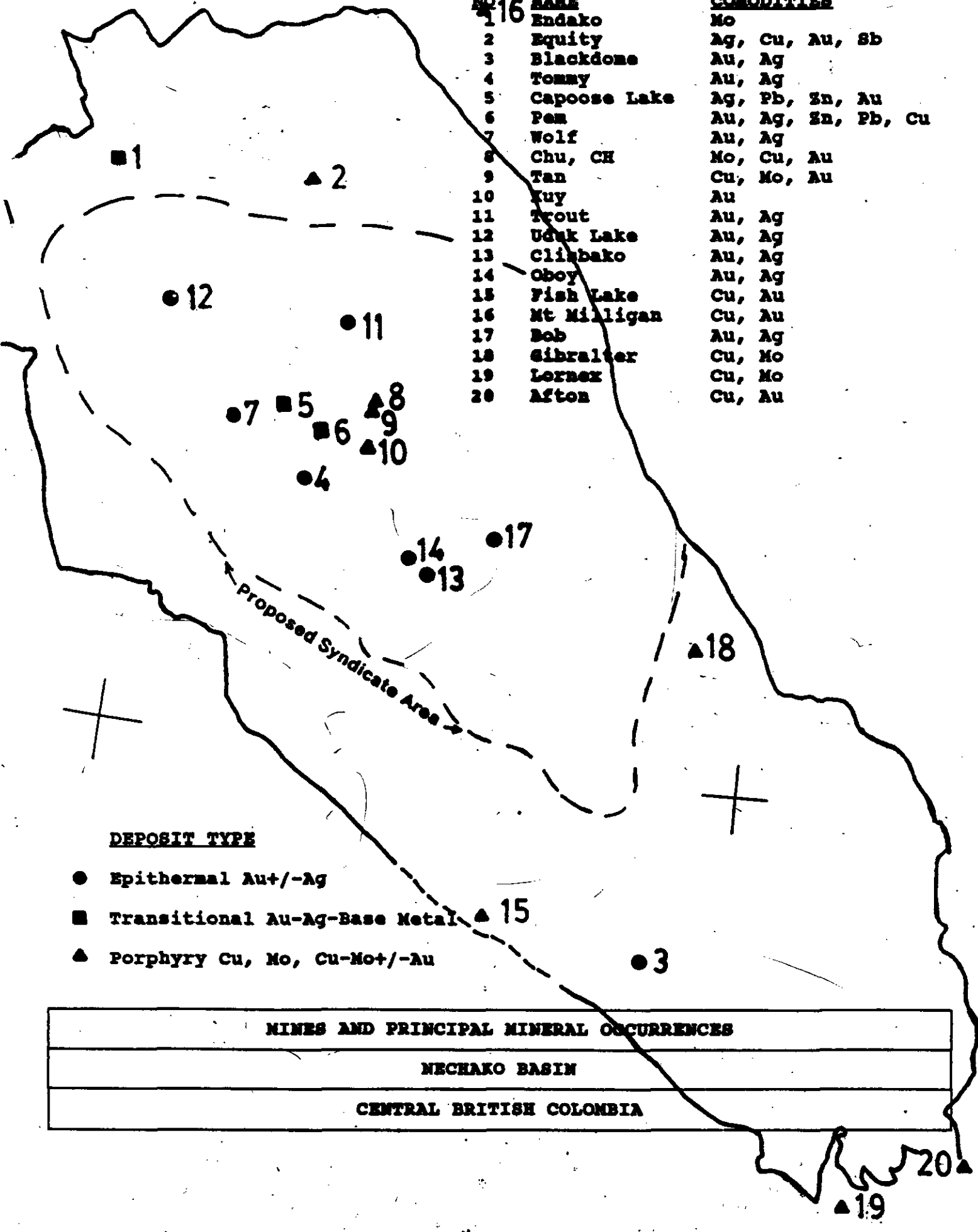
The Chu property was discovered in 1969 and prospecting, geochemical and geophysical surveys and shallow drilling were completed the ensuing year. Following the building of the Kluskus road in the mid 1970's, Assarco and Armco completed road building, surface exploration and 5796 m of drilling in 17 holes on the property. Few assay results are reported, however it appears from logs that significant widths (>25 m) of low grade Mo and Cu mineralization were intersected and a geological resource was established.

The Chu and Chu 2 and 3 claims were staked in by Arnex Resources Ltd. in October and November 1994 when the original Chu porphyry Mo property lapsed.

2.0 GEOLOGY

The region in which the Chu prospect occurs lies within the Intermountain tectonic belt. The area is predominantly underlain by Lower to Middle Jurassic volcanic and sedimentary rocks of the Hazelton Group (Figure 3). These assemblages are overlain by the Upper Cretaceous to Lower Tertiary Ootsa Lake Group and Miocene plateau basalts. Felsic plutons of probable Cretaceous? age intrude both Lower and Middle Jurassic Hazelton strata. Felsic intrusions of Tertiary age (49-52 mY) have recently been dated in the area by B.C.G.S. geologists.

NO	NAME	COMODITIES
1	Endako	Mo
2	Equity	Ag, Cu, Au, Sb
3	Blackdome	Au, Ag
4	Tommy	Au, Ag
5	Capoose Lake	Ag, Pb, Zn, Au
6	Pam	Au, Ag, Zn, Pb, Cu
7	Wolf	Au, Ag
8	Chu, CH	Mo, Cu, Au
9	Tan	Cu, Mo, Au
10	Kuy	Au
11	Trout	Au, Ag
12	Udak Lake	Au, Ag
13	Climbako	Au, Ag
14	Oboy	Au, Ag
15	Fish Lake	Cu, Au
16	Mt Milligan	Cu, Au
17	Bob	Au, Ag
18	Sibralter	Cu, Mo
19	Lornex	Cu, Mo
20	Afton	Cu, Au



DEPOSIT TYPE

- Epithermal Au+/-Ag
- Transitional Au-Ag-Base Metal
- ▲ Porphyry Cu, Mo, Cu-Mo+/-Au

NINES AND PRINCIPAL MINERAL OCCURRENCES
NECHAKO BASIN
CENTRAL BRITISH COLUMBIA

▲ 19
▲ 20

The Chu property is located at the northern contact of the east-west trending Tatelkuz-Chutanli pluton (Quanchus intrusion). Extensive glacial till and outwash covers the lower elevations of the claim group. Extensive Quanchus "Tombstone" granite outcrops on the southwesterly slopes of the claims.

Work by previous operators identified an mineralized body with a strike length of approximately 800 m. Mineralization consists of stockwork pyrite and molybdenite within altered siliceous sediments adjacent to a granitic intrusive. Diamond drilling established a geological resource with a grade of approximately 0.1% Mo.

3.0 STREAM SEDIMENT AND ROCK CHIP GEOCHEMISTRY

3.1 Objective

The principle objective of the stream sediment program was to investigate if Mo anomalies occurred on the northeastern slopes of the Nechako Range adjacent to the mineralized zone which outcrops over the height of land on the southwestern slopes of the range. Anomalies from the northeastern slopes may indicate that the mineralized body projects through the range at depth and that a substantial resource may be present or that additional mineralized bodies are present.

3.2 Methodology

Stream sediment samples were collected from all tributaries of the northeastern drainage and also down slope from the mineralized body on the southwestern slope. Moss mat samples were taken whenever possible, however active stream sediments and sediments from dry run-off channels were also taken when no better material was available. Sample observations were recorded and are reported in Appendix III, Geochemical Data Sheets.

Stream Samples were dried and sieved to -80 mesh and analyzed by ICP-32 analytical techniques (See Sample Preparation, Analytical Techniques and Certificates of Analysis, Appendix IV).

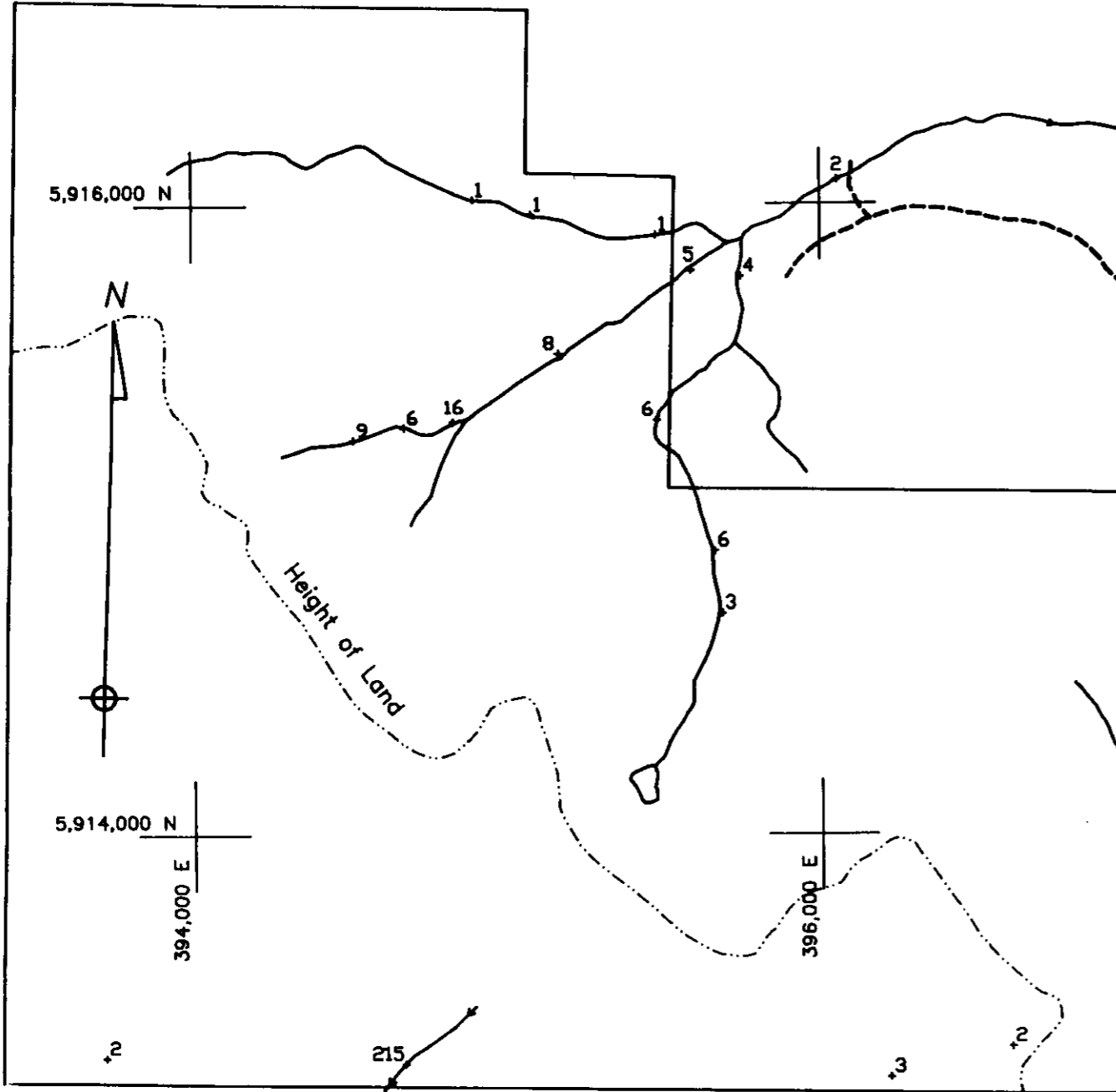
Rock chip samples of till clasts were taken and are reported as per Appendix III and IV.

3.3 Results

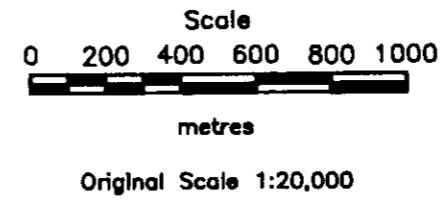
Sample locations and value plots for Mo are presented as Figures 4 and 5.

Stream sediment results indicate the following:

- The central tributary of the northeastern drainage is strongly anomalous in Mo at all sites sampled above the creek forks. The five sites sampled range in values from 5 to 16 ppm Mo,



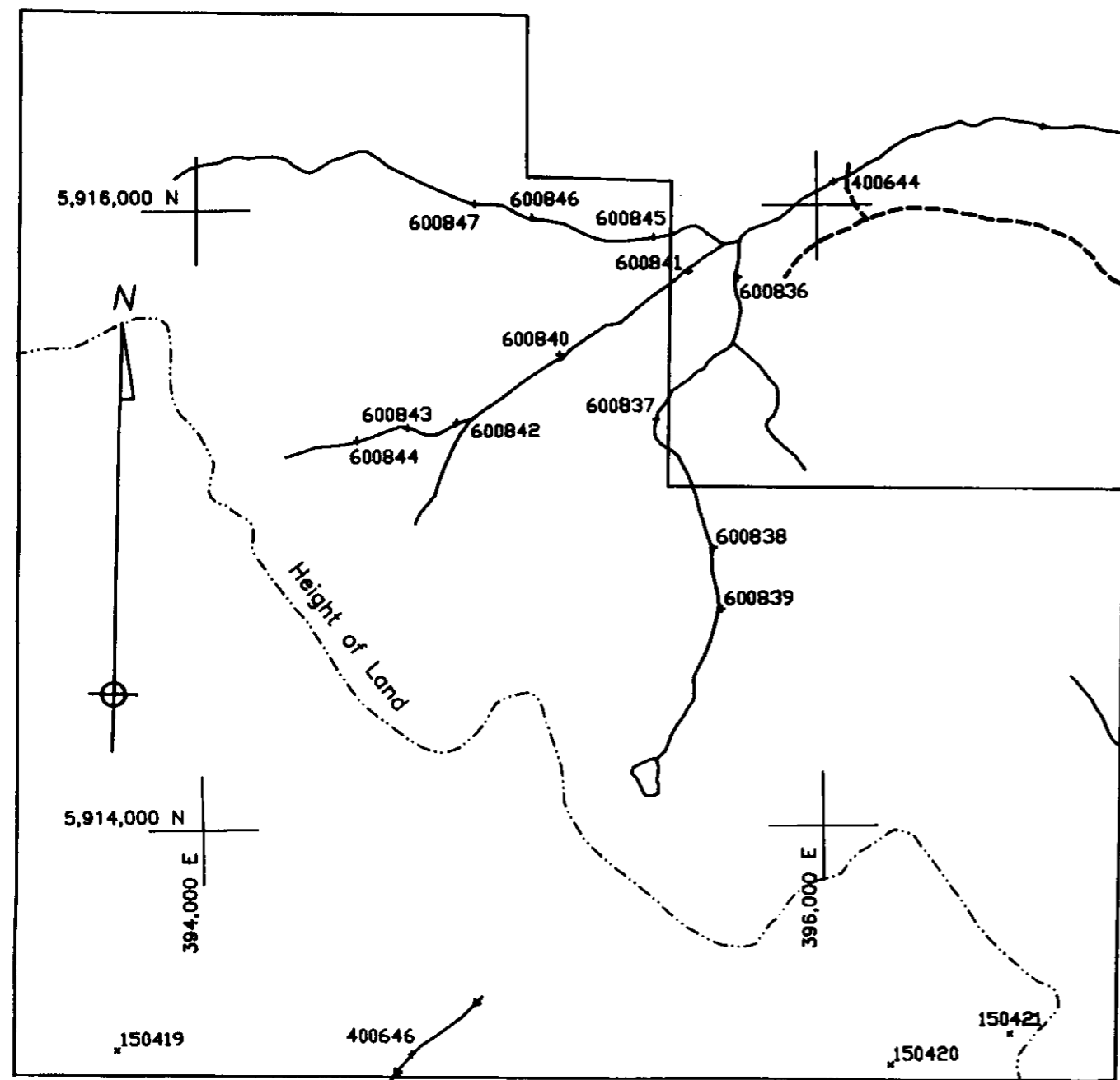
+ silt sample
 * rock sample



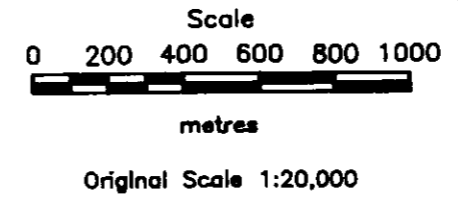
Orvana Minerals Corp.
 Project Nechako
 Mo in Rock & Silt
 Chu Claim Group

NTS 93F/7E Map No. 93F038
 Omenica M.D. August 1995
 Fieldwork by: Amex Resources Ltd.

Fig: 5



+ silt sample
 * rock sample



Orvana Minerals Corp.
 Project Nechako
 Rock & Silt Sample Sites
 Chu Claim Group

NTS 93F/7E Map No. 93F038
 Omernica M.D. August 1995
 Fieldwork by: Amex Resources Ltd.

Fig: 4

- The south tributary of the northeastern drainage is moderately anomalous in Mo with four sites returning values between 3 and 6 ppm,

- An extremely high value of 215 ppm Mo occurs in the northwestern creek drainage down slope from the mineralized zone,

- All Mo anomalies have generally low other base metal values. Mo anomalies do contain some elevated Ag, Co, V, As and Mn values.

Rock chip sampling of till clasts resulted in the following response:

- an altered biotite quartz monzonite clast at Rx 150421 contains weakly anomalous Au (150 ppb), Ag (1.4 ppm), Cu (415 ppm), Zn (2390 ppm) and Pb (132 ppm) but low Mo (2 ppm).

Approximately 5% pyrite and magnetite was noted in this silicified, fine grained, subhedral hypidiomorphic granular till clast.

4.0 CONCLUSIONS

Stream sediment geochemistry indicates distinctly anomalous Mo values in the central and southern tributaries of the northeastern creek over the height of land from the drilled occurrence. These values indicate that the drilled zone projects through the mountain range or that additional mineralized occurrences are present on the northeastern slope.

A highly anomalous value of 215 ppm Mo from the drainage down slope from the mineralized body indicates stream sediment sampling to be an effective tool for detecting Mo occurrences of this nature.

A weakly mineralized till clast was found in the most southeastern portion of the claim block. This silicified intrusive clast containing pyrite and modest precious and base metal values may indicate that a zoned mineralized porphyry system may be present and a Cu-Au rich phase may occur east of the known Mo occurrence.

More detailed geochemical sampling, prospecting and geological mapping is required to define the extent of Mo mineralization and to determine if a Cu-Au mineralized porphyry phase is present.

Dated in North Vancouver, British Columbia this 7 day of November, 1995.

A. O. Birkeland



Arne O. Birkeland, P.Eng.

APPENDIX I

1995 STATEMENT OF EXPENDITURES - CHU PROPERTY

ARNEX RESOURCES LTD.

DESCRIPTION			AMOUNT
Services P.Eng.	3 days	@\$454.75/day	\$1,364
Services Geotech	2 days	@\$321.00/day	\$642
Rentals			\$594
Expenses			\$631
Analytical Stream seds	16 smpl	@\$18.50/smpl	\$296
Analytical Rock gchm	3 smpl	@\$24.45/smpl	\$73
Total			\$3,600

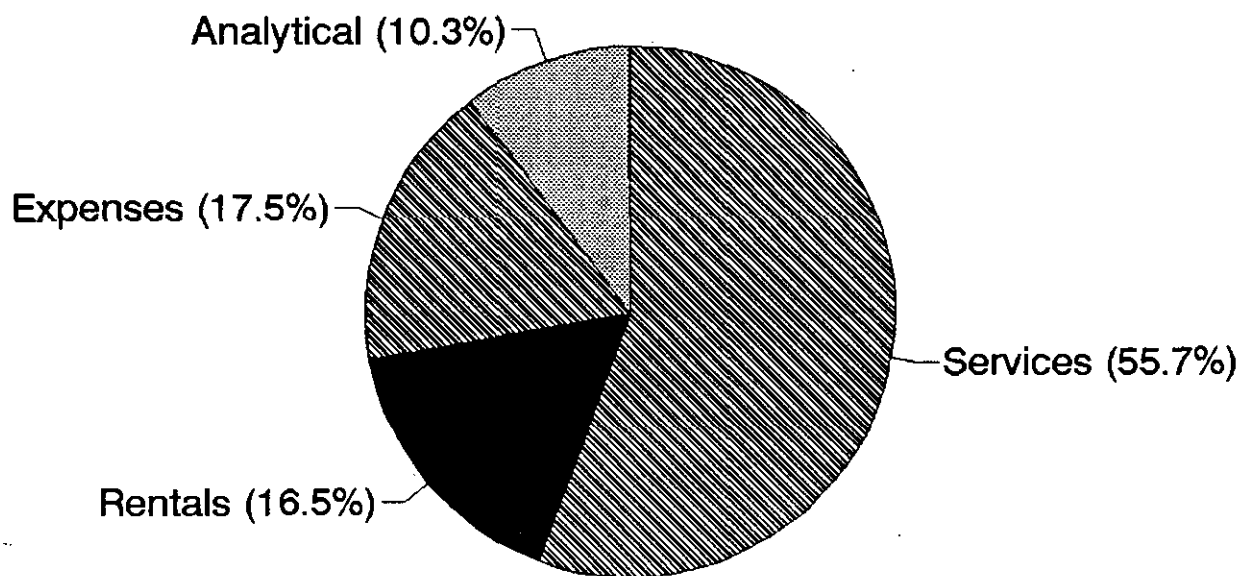
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DESCRIPTION -----		COST/UNIT -----		UNITS -----	PAID AMOUNT -----
Consulting Services	Geol. Engr.	\$454.75 / day		2.00 day	\$909.50
	Geol. Engr.	\$454.75 / day		1.00 day	\$454.75
	Geotech Assistant	\$321.00 / day		2.00 day	\$642.00
	SUBTOTAL				\$2,006.25
Rentals	Truck	\$80.25 / day		2.00 day	\$160.50
	Truck	\$80.25 / day		2.00 day	\$160.50
	Camper	\$32.10 / day		2.00 day	\$64.20
	IC- H18 Radio	\$214.00 / mo		0.03 mo	\$5.66
	IC- H18 Radio	\$257.50 / mo		0.03 mo	\$7.08
	Field Equip	\$16.05 / day		4.00 day	\$64.20
	Rock Slab Saw	\$5.35 / hr		1.00 hr	\$5.35
	Chainsaw	\$126.40 / mo		0.03 mo	\$3.40
	NB Computer	\$214.00 / mo		0.12 mo	\$26.32
	Office Rental	\$756.45 / mo		0.12 mo	\$96.73
	SUBTOTAL				\$593.94
Expenses - General	Hotels & Travel	\$52.97 / day		0.00 day	\$0.00
	Meals	\$25.00 / day		4.00 day	\$100.00
	Trans - Gas	\$64.74 / day		4.00 day	\$258.94
	Expl supplies	\$11.77 / day		4.00 day	\$47.08
	Courier				\$75.00
	Maps and Publications				\$100.00
	Copying, Printing, Supplies				\$49.49
	SUBTOTAL				\$630.51
Expenses - Analytical	Stream Sediments	\$18.50 / empl		15.00 empl	\$295.94
	Rocks - geochem	\$24.45 / empl		3.00 empl	\$73.36
	SUBTOTAL				\$369.30
TOTAL -----					\$3,600.00 -----
				Services	\$2,006
				Rentals	\$594
				Expenses	\$631
				Analytical	\$369
				Total	\$3,600

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1995 Expenditures

Chu Property



APPENDIX II

CERTIFICATE OF QUALIFICATION

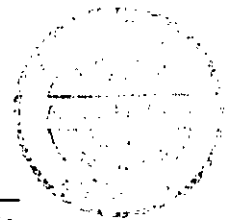
I, ARNE O. BIRKELAND, DO HEREBY CERTIFY THAT:

1. I am a Geological Engineer in the employ of Arnex Resources Ltd. with offices at 4005 Brockton Crescent, North Vancouver, British Columbia.
2. I am a 1972 graduate of the Colorado School of Mines with a Bachelor of Science Degree in Geological Engineering.
3. I have been a registered Professional Engineer with the Association of Professional Engineers of British Columbia (Registration No. 9870) since 1975.
4. My primary employment since 1966 has been in the field of mineral exploration, namely as a Geological Engineer.
5. My experience has encompassed a wide range of geological environments and has allowed considerable familiarization with geophysical, geochemical and diamond drilling techniques.
6. I have conducted the exploration work on the property reported on herein. This report is based on data acquired and also draws from researched published information available on the area.

DATED at North Vancouver, British Columbia,

this 7 day of November, 1995


ARNE O. BIRKELAND, P.ENG.



APPENDIX III

GEOCHEMICAL DATA SHEET - STREAM SEDIMENT SAMPLING

PROJECT: CHU

NTS: 93F/7E

REF. MAP: 93F 038

SCALE: 1:20,000

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SAMPLE NO.	DRAINAGE			TYPE	COLOUR	TEXTURE	% ORGANIC	LITHOLOGY Bedrock/Float	ADDITIONAL OBSERVATIONS
	Width	Depth	Gradient						
400644	0.6 m	40 cm	flat	MM+ASS	bl, dk gr	silt	mod	Eo	Rusty py and, arg
400645	0.5 m	30 cm	flat-mod	ASS	gr	silt, sand	low-mod	KTg, Jhv, Jhs.	
400646	0.3 m	30 cm	flat	BOG	or, gr	ooze	very high	KTg	Monzonite o.c.
600836	1.5 m	30 cm	flat-mod	MM	dk br	silt, sand	low		
600837	0.5 m	15 cm	flat	ASS	dk br, bl	silt, ooze	low-mod		
600838	0.5 m	00 cm	flat-mod	SS	dk br	silt, sand	low		
600839	1.5 m	10 cm	flat-mod	MM + ASS	dk br, bl	silt, sand	low-mod		
600840	1.5 m	12 cm	flat	ASS	dk br	silt, sand	low		
600841	1.0 m	15 cm	flat-mod	MM	dk br	eff	low-mod		
600842	2.5 m	05 cm	flat	ASS	dk br, bl	silt, ooze	low-mod		
600843	1.5 m	05 cm	flat	ASS	dk br	silt, ooze	low		
600844	2.0 m	10 cm	flat	MM	dk br	silt, sand	low-mod		
600845	1.0 m	20 cm	flat	MM	dk br	silt, sand	low-mod		
600846	1.0 m	07 cm	flat	MM	dk br	silt, sand	low		
600847	1.5 m	10 cm	flat	MM	dk br	silt, sand	mod-high		
600848	1.5 m	30 cm	flat-mod	MM	dk br	silt, sand	low		

APPENDIX III

GEOCHEMICAL DATA SHEET - ROCK CHIP SAMPLING

PROJECT: CHU

NTS: 93F/7E

REF. MAP: 93F 038

SCALE: 1:20,000

C:\NECGC95\CHUGDS2.WK1

SAMPLE NO.	LOCATION	ROCK TYPE	DESCRIPTION		Alteration	DESCRIPTION Weathering	Mineralization	ADDITIONAL OBSERVATIONS
			Sample Type	Width				
150419	Southwest claim group	Quartz Monzonite	Till clast	0.4 m AW	sil, chl, biotite	fresh	mod	Lt gr, fine grained sil qtz monzonite, dk chl-bio clots, vfg euhedral py
150420	Southeast	Silicified Intrusive	Till clast	0.3 m AW	sil, chl, bio	mod	Py = 3%-5%	Alt sil py contact rock, biotite alt clots
150421	Southeast	Biotite Quartz Mon	Till clast	0.1 m AW	sil, chl, bio	fresh	Py = 5%, Mag + Sph, Cpy	Mineralized Intrusive, sil and py por qtz mon, fine grained, subhedral, hypidiomorphic granular

APPENDIX IV
 1995 ANALYTICAL RESULTS
 CHU PROPERTY
 ARINEX RESOURCES LTD. PROJECT NEC

C:\NEGC85\NEC85C1.WK1

SAMPLE NO.	Au ppb	Ag ppm	Cu ppm	Mo ppm	Zn ppm	Pb ppm	Ni ppm	Co ppm	Cr ppm	V ppm	W ppm	As ppm	Sb ppm	Hg ppm	Cd ppm	Ba ppm	Mn ppm	P ppm	Sc ppm	Sr ppm	Mg %	Na %	Ti %
150419	-5	-0.2	64	2	34	2	1	15	87	27	-10	20	6	-1	-0.5	40	145	1150	2	5	0.62	0.02	0.03
150420	-5	-0.2	49	3	42	-2	4	16	126	41	-10	24	4	-1	-0.5	10	340	690	4	11	0.76	0.06	0.01
150421	150	1.4	415	2	2360	132	2	17	79	37	-10	24	4	-1	16	40	320	490	3	6	0.44	0.03	0.02
400644	-5	-0.2	22	2	72	4	13	6	16	47	-10	26	-2	-1	0.5	180	2200	970	4	64	0.41	0.02	0.09
400645	-5	-0.2	20	3	110	2	8	7	12	45	-10	2	-2	-1	-0.5	150	1305	1110	3	60	0.40	0.01	0.09
400646	-5	0.6	23	215	64	4	23	101	-1	130	-10	40	-2	-1	0.5	1790	10000	1820	2	274	0.15	0.01	0.01
600636	-5	-0.2	33	4	60	2	11	7	11	48	-10	38	-2	-1	0.5	240	3660	1090	3	60	0.40	0.02	0.07
600637	-5	-0.2	40	6	90	4	11	9	10	52	-10	42	-2	-1	0.5	210	3440	1130	2	55	0.38	0.02	0.06
600638	-5	-0.2	41	6	82	4	11	8	13	55	-10	30	-2	-1	0.5	180	1865	1100	3	45	0.39	0.01	0.07
600639	-5	-0.2	24	3	66	2	9	6	15	63	-10	14	-2	-1	-0.5	110	900	1120	2	31	0.35	0.01	0.07
600640	-5	0.4	16	8	48	-2	10	6	11	42	-10	60	-2	-1	0.5	270	4940	1230	2	69	0.25	0.01	0.06
600641	-5	0.2	19	5	54	-2	13	6	14	42	-10	56	-2	-1	0.5	250	4150	1150	2	76	0.29	0.01	0.04
600642	-5	-0.2	19	16	38	2	6	4	7	34	-10	200	-2	-1	-0.5	590	6380	1430	2	115	0.19	0.01	0.04
600643	-5	-0.2	15	6	32	-2	6	3	8	30	-10	56	-2	-1	-0.5	180	2750	1170	1	78	0.19	0.01	0.04
600644	-5	0.2	25	9	42	2	9	4	12	35	-10	56	-2	-1	0.5	180	1315	1300	2	102	0.18	0.01	0.04
600645	-5	0.2	23	1	82	2	18	6	22	43	-10	20	-2	-1	1	170	645	810	3	79	0.46	0.01	0.06
600646	-5	0.2	21	1	66	2	17	6	21	40	-10	18	-2	-1	1	150	640	850	3	81	0.43	0.01	0.06
600647	-5	0.2	26	1	94	4	19	6	23	40	-10	18	-2	-1	1	170	630	660	3	93	0.46	0.01	0.07
600648	-5	0.4	43	1	102	8	25	11	26	56	-10	16	-2	1	0.5	150	1025	1170	6	131	0.73	0.01	0.07



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

To: ARNEX RESOURCES LIMITED

4005 BROCKTON CR.
 N.VANCOUVER, BC
 V7G 1E5

A9524540

Comments: ATTN: A. O. BIRKELAND

CERTIFICATE **A9524540**

(AN) - ARNEX RESOURCES LIMITED

Project: CHU (SHIPMENT #4)
 P.O. #:

Samples submitted to our lab in Vancouver, BC.
 This report was printed on 21-AUG-95.

SAMPLE PREPARATION		
CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	16	Dry, sieve to -80 mesh
202	16	save reject
229	16	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES					
CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	16	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	16	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	16	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	16	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	16	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	16	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	16	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	16	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	16	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	16	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	16	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	16	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	16	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	16	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	16	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	16	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	16	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	16	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	16	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	16	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	16	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	16	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	16	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	16	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	16	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	16	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	16	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	16	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	16	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	16	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	16	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	16	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	16	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

To: ARNEX RESOURCES LIMITED

4005 BROCKTON CR.
 N.VANCOUVER, BC
 V7G 1E5

Project : CHU (SHIPMENT #4)
 Comments: ATTN: A. O. BIRKELAND

Page Number : 1-A
 Total Pages : 1
 Certificate Date: 21-AUG-95
 Invoice No. : I9524540
 P.O. Number :
 Account : AN

CERTIFICATE OF ANALYSIS A9524540

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
	FA+AA																				
SX400644	201	202	< 5	< 0.2	1.54	26	180	< 0.5	2	1.55	0.5	6	16	22	2.24	< 10	< 1	0.13	< 10	0.41	2200
SX400645	201	202	< 5	< 0.2	1.26	2	150	< 0.5	< 2	1.19	< 0.5	7	12	20	1.87	< 10	< 1	0.06	< 10	0.40	1305
SX400646	201	202	< 5	0.6	0.58	40	1790	< 0.5	2	1.69	0.5	101	< 1	23	13.20	< 10	< 1	0.07	10	0.15	>10000
SX600836	201	202	< 5	0.2	1.37	38	240	< 0.5	< 2	2.12	0.5	7	11	33	2.51	< 10	< 1	0.13	< 10	0.40	3960
SX600837	201	202	< 5	< 0.2	1.19	42	210	< 0.5	< 2	2.20	0.5	9	10	40	2.36	< 10	< 1	0.12	< 10	0.38	3440
SX600838	201	202	< 5	< 0.2	1.25	30	180	< 0.5	< 2	1.75	0.5	8	13	41	2.25	< 10	< 1	0.12	< 10	0.39	1865
SX600839	201	202	< 5	< 0.2	0.99	14	110	< 0.5	< 2	1.01	< 0.5	6	15	24	2.25	< 10	< 1	0.11	< 10	0.35	900
SX600840	201	202	< 5	0.4	1.05	80	270	< 0.5	< 2	1.79	0.5	6	11	16	2.83	< 10	< 1	0.06	< 10	0.25	4940
SX600841	201	202	< 5	0.2	1.42	56	250	< 0.5	2	2.08	0.5	6	14	19	2.60	< 10	< 1	0.12	< 10	0.29	4150
SX600842	201	202	< 5	< 0.2	0.82	200	580	< 0.5	2	2.37	< 0.5	4	7	19	3.70	< 10	< 1	0.05	< 10	0.19	8380
SX600843	201	202	< 5	< 0.2	0.68	56	180	< 0.5	< 2	2.35	< 0.5	3	8	15	3.62	< 10	< 1	0.07	< 10	0.19	2750
SX600844	201	202	< 5	0.2	0.81	58	180	< 0.5	2	2.81	0.5	4	12	25	3.44	< 10	< 1	0.06	< 10	0.18	1315
SX600845	201	202	< 5	0.2	1.54	20	170	< 0.5	< 2	1.53	1.0	6	22	23	2.22	< 10	< 1	0.11	< 10	0.46	845
SX600846	201	202	< 5	0.2	1.44	18	150	< 0.5	< 2	1.62	1.0	6	21	21	1.98	< 10	< 1	0.12	< 10	0.43	840
SX600847	201	202	< 5	0.2	1.59	18	170	< 0.5	< 2	1.87	1.0	6	23	26	2.10	< 10	< 1	0.10	< 10	0.46	830
SX600848	201	202	< 5	0.4	2.83	16	150	0.5	2	1.83	0.5	11	26	43	2.97	< 10	1	0.09	10	0.73	1025

CERTIFICATION: Hart Buchler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: ARNEX RESOURCES LIMITED

4005 BROCKTON CR.
N.VANCOUVER, BC
V7G 1E5

Project: CHU (SHIPMENT #4)
Comments: ATTN: A. O. BIRKELAND

Page Number :1-B
Total Pages :1
Certificate Date: 21-AUG-95
Invoice No. :I9524540
P.O. Number :
Account :AN

CERTIFICATE OF ANALYSIS

A9524540

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
SX400644	201	202	2	0.02	13	970	4	< 2	4	64	0.09	< 10	< 10	47	< 10	72
SX400645	201	202	3	0.01	8	1110	2	< 2	3	60	0.09	< 10	< 10	45	< 10	110
SX400646	201	202	215	0.01	23	1820	4	< 2	2	274	0.01	< 10	< 10	130	< 10	64
SX600836	201	202	4	0.02	11	1080	2	< 2	3	60	0.07	< 10	< 10	48	< 10	80
SX600837	201	202	6	0.02	11	1130	4	< 2	2	55	0.06	< 10	< 10	52	< 10	90
SX600838	201	202	6	0.01	11	1100	4	< 2	3	45	0.07	< 10	< 10	55	< 10	92
SX600839	201	202	3	0.01	9	1120	2	< 2	2	31	0.07	< 10	< 10	63	< 10	66
SX600840	201	202	8	0.01	10	1230	< 2	< 2	2	69	0.06	< 10	< 10	42	< 10	48
SX600841	201	202	5	0.01	13	1150	< 2	< 2	2	76	0.04	< 10	< 10	42	< 10	54
SX600842	201	202	16	0.01	8	1430	2	< 2	2	115	0.04	< 10	< 10	34	< 10	38
SX600843	201	202	6	0.01	6	1170	< 2	< 2	1	78	0.04	< 10	< 10	30	< 10	32
SX600844	201	202	9	0.01	9	1300	2	< 2	2	102	0.04	< 10	< 10	35	< 10	42
SX600845	201	202	1	0.01	18	810	2	< 2	3	79	0.08	< 10	< 10	43	< 10	82
SX600846	201	202	1	0.01	17	850	2	< 2	3	81	0.08	< 10	< 10	40	< 10	86
SX600847	201	202	1	0.01	19	880	4	< 2	3	93	0.07	< 10	< 10	40	< 10	94
SX600848	201	202	1	0.01	25	1170	8	< 2	6	131	0.07	< 10	< 10	56	< 10	102

CERTIFICATION: *Frank Birkeland*



Chemex Labs Ltd.

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To: ARNEX RESOURCES LIMITED

4005 BROCKTON CR.
N.VANCOUVER, BC
V7G 1E5

A9524541

Comments: ATTN: A. O. BIRKELAND

CERTIFICATE

A9524541

(AN) - ARNEX RESOURCES LIMITED

Project: CHU (SHIPMENT #4)
P.O.#:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 21-AUG-95.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	3	Geochem ring to approx 150 mesh
226	3	0-3 Kg crush and split
3204	3	Save 1 Kg reject for 90 days
229	3	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	3	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
2118	3	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2119	3	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
2120	3	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2121	3	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
2122	3	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2123	3	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2124	3	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
2125	3	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
2126	3	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
2127	3	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
2128	3	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2150	3	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
2130	3	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
2131	3	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2132	3	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
2151	3	La ppm: 32 element, soil & rock	ICP-AES	10	10000
2134	3	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
2135	3	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
2136	3	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2137	3	Na %: 32 element, soil & rock	ICP-AES	0.01	5.00
2138	3	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
2139	3	P ppm: 32 element, soil & rock	ICP-AES	10	10000
2140	3	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	3	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2142	3	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
2143	3	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
2144	3	Ti %: 32 element, soil & rock	ICP-AES	0.01	5.00
2145	3	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
2146	3	U ppm: 32 element, soil & rock	ICP-AES	10	10000
2147	3	V ppm: 32 element, soil & rock	ICP-AES	1	10000
2148	3	W ppm: 32 element, soil & rock	ICP-AES	10	10000
2149	3	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



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SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
			FA+AA		%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
RX150419	205	226	< 5	< 0.2	1.22	20	40	< 0.5	< 2	0.26	< 0.5	15	87	64	4.79	< 10	< 1	0.75	< 10	0.62	145
RX150420	205	226	< 5	< 0.2	1.56	24	10	< 0.5	< 2	0.18	< 0.5	16	128	49	5.71	10	< 1	0.76	< 10	0.78	340
RX150421	205	226	150	1.4	1.11	24	40	< 0.5	< 2	0.10	16.0	17	79	415	3.83	< 10	< 1	0.40	< 10	0.44	320

CERTIFICATION:

A. O. Birkeland



Chemex Labs Ltd.

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SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
RX150419	205	226	2	0.02	1	1150	2	6	2	5	0.03	< 10	< 10	27	< 10	34
RX150420	205	226	3	0.06	4	680	< 2	4	4	11	0.01	< 10	< 10	41	< 10	42
RX150421	205	226	2	0.03	2	490	132	4	3	6	0.02	< 10	< 10	37	< 10	2390

CERTIFICATION: _____

Vancouver.
30/05/96

To: ALLAN WILCOX

From: Piotr Lutynski
Orvana Minerals Corp.

- Map scales were changed to:
1:25000
1:10000
- Detail cost statements are attached.

Sincerely,
Piotr Lutynski



Province of
British Columbia

RECEIPT

OMINECA
ALBERNI 457679 H

THE SUM OF

NIL

DOLLARS

\$ NIL

ON ACCOUNT OF

	24145. OMN
Amended Reports	24144. OMN
	24090 ALB
	24142 OMN

GST NUMBER

R107864738

The amount received above includes GST in the amount of \$

RECEIVED FROM

Orvana Minerals ON June 5 19 96

ISSUING OFFICE

ISSUING OFFICER'S SIGNATURE

[Signature]