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VANCOULAR, B.C.	·

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GOVERNMENT AGENT SMITHERS, B.C.

SOIL AND ROCK GEOCHEMISTRY

OF THE

CHES MINERAL CLAIMS

OMINECA MINING DIVISION, BRITISH COLUMBIA

NTS 93F 5/E

LATITUDE 53 25'N LONGITUDE 125 42'W

OWNER OPERATOR RALPH KEEFE

BY RALPH KEEFE

OCTOBER 23, 2000

CFOLOGICAL SURVEY BRANCH

GEOLOGICAL SUMMARY REPORT CHES PROPERTY

OMINECA MINING DIVISION NECHAKO MAP AREA - NTS 93F 5/E

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SUMMARY

A total if 18 bedrock samples, 1 silt sample and 39 soil samples were collected and analyzed from the Ches 1 -6 mineral claims which contain known Skarn and Stockwork Mineralized zones. The Bedrock samples were collected from new exposures created as a result of road construction. The soil samples were collected as part of a fill in survey though the previous grid of intense alteration, silicification and mineralization.

New showings discovered on Ches I and Ches II have exposed (3) separate structures of Massive Sulphides. VLF and MAG suggest much stronger mineralization of same to the West Side of a (90 by 10) metre rock quarry.

The limited soil-sampling program confirmed a previously known moderate to strong stockwork of Quartz Pyrite, Chalcopyrite, Scheelite-Molydenite veintlets approximately 200 metres to the East of the quarry. Previous rock samplings along the road on this stockwork graded; 52% Cu., .07% WOg., .06% MOS2 and .15oz/ton Ag over 350 metres of intensely bleached and silicified hornfels.

This report documents the expenditures of \$ 3986.00 on the Ches 1 - 6 claims.

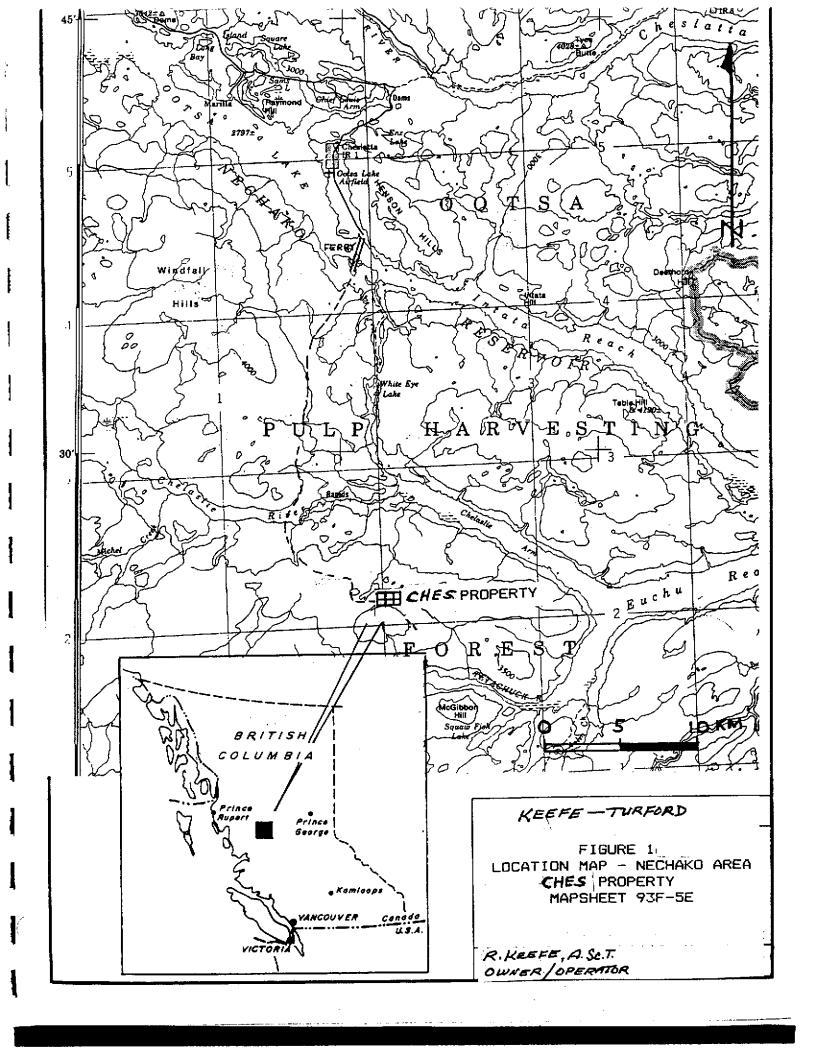
LOCATION, PHYSIOGRAPHY AND ACCESS

The Ches mineral property is situated approximately 80 kilometers South of Burns Lake, B.C. Between the West End of Cheslaslie Arm and Tetachuck Lake. The claims are on N.T.S. map sheet NTS 93F 5/E at latitude 53 25'N and longitude 125 42'W.

The property can be reached by a total of 143 km of pavement and gravel roads from Burns Lake, B.C. A route log for access to the property is as follows:

- 1) From Highway 16 in Burns Lake thence South on Highway 35 for 24 Kilometers to the François Lake ferry. Cross ferry to the South side of François Lake.
- 2) Follow Southward on Keefe Landing Road for approximately 40 kilometers to Ootsa Lake.
- 3) Turn left on East Ootsa Road for approximately 48 kilometers to Fraser Lake Sawmills East Ootsa camp and barge crossing. Cross barge to South side of Ootsa Lake.
- 4) Take Cheslaslie main haul Road Southward to 31.2 kilometers to rock quarry on road.

The property is located at the height of land between Cheslaslie Arm and Tetachuck Lake in the Nechako Plateau at an elevation of 1220 meters. Low-lying humocks typify the topography of the region.

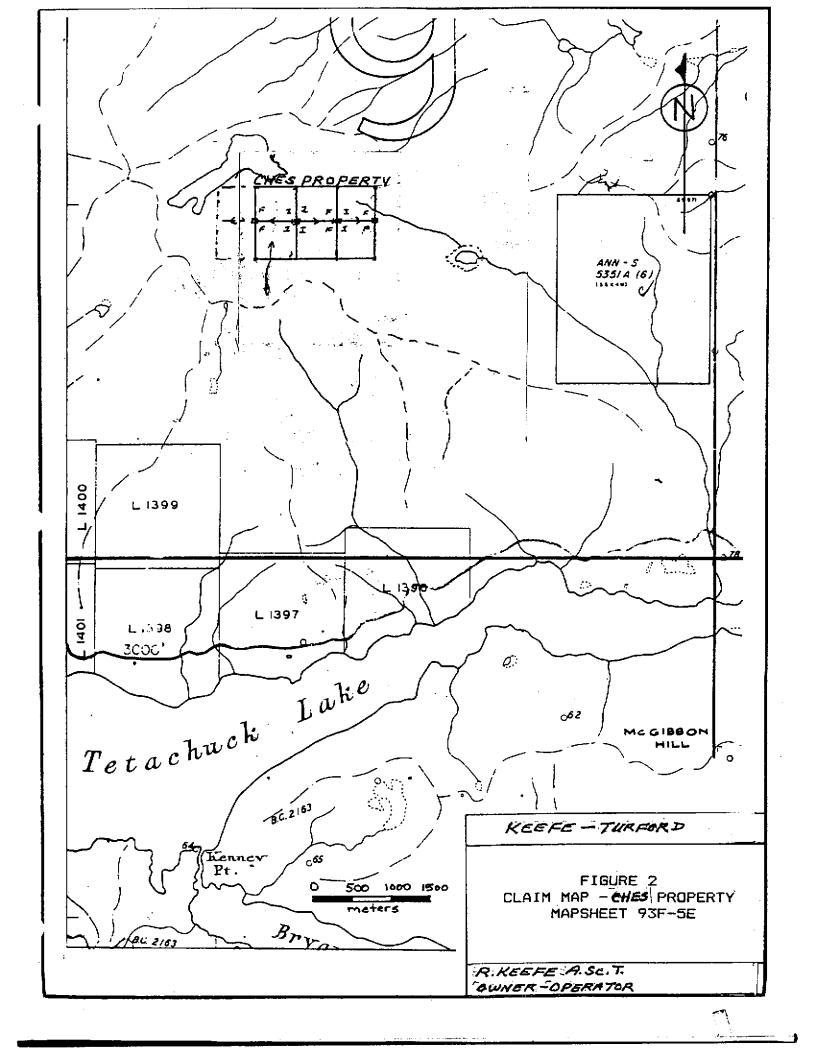


CLAIM TENURE AND OWNERSHIP

The Ches property consists of (6) two-post mineral claims. The claims are owned by Ralph Keefe of Francois Lake, B.C. The table below lists the status of the claims pending acceptance of this report. The location of the claims is plotted on map 2

Ches #1	1	370836	July 27/2003
Ches #2	1	370837	July 27/2003
Ches #3	1	370838	July 27/2003
Ches #4	1	370839	July 27/2003
Ches #5	1	372673	Oct 5/2003
Ches #6	1	372674	Oct 5.2003

Two additional claims namely Ches # 7 and Ches # 8 were staked on June 5/2000 (Not included in this report).



REGIONAL GEOLOGY

Moderate relief and large areas of thick overburden cover, characterize the Nechako Plateau. The area is underlain by Mesozoic Volcanic and Sedimentary rocks ranging in age from late Triassic (Takla group) to middle Jurassic (Hazelton Group) overlain by Eocene Volcanics (Ootsa Lake Group) and Miocene Plateau Basalts.

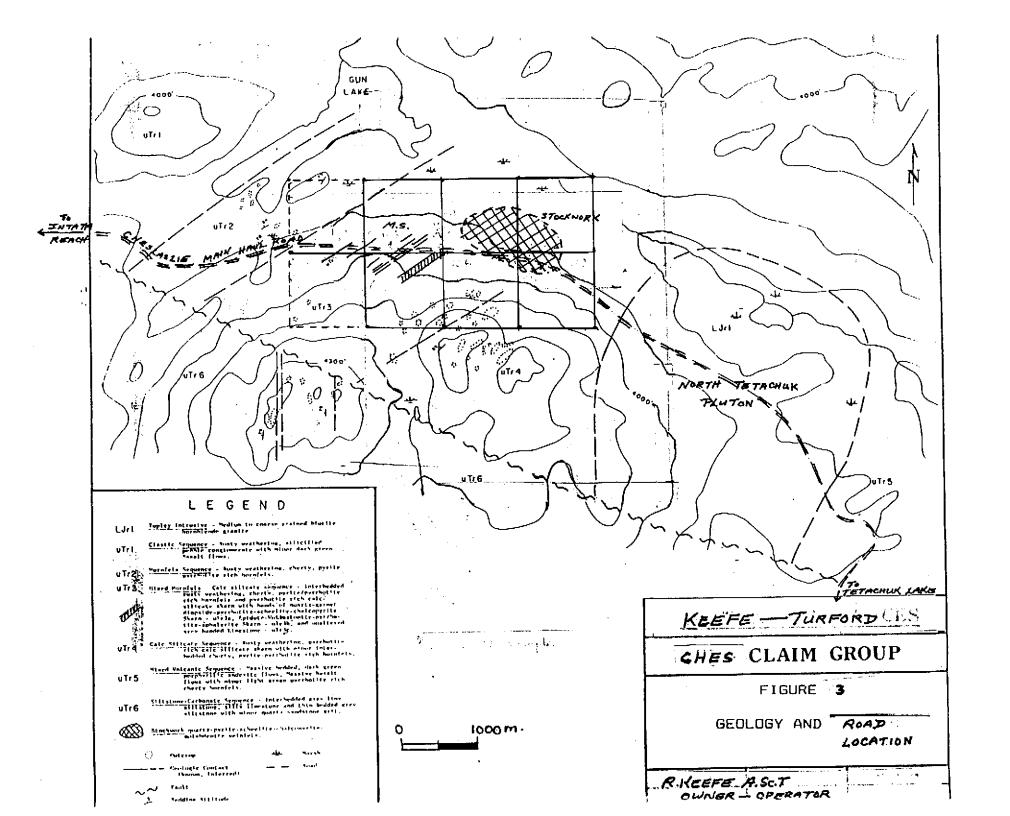
PROPERTY GEOLOGY

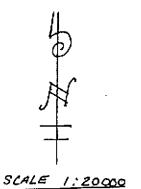
Rocks of the Middle Jurassic Hazelton Group (Naglico and Entiako - Formation) appear to underlie the property. The dominant lithologies include a thick, steeply dipping succession of intensely hornfelsed and skarned limey siltstone and silty limestone bracketed by basic volcanics and intruded by a cretaceous Granittic plug (recently dated 79 76 MA) exhibiting volcanic arc affinities.

Several bands of Quartz - Garnet - Diopside - Pyrrhotite skarn with accessory pyrite- Scheelite - Chalcopyrite - Sphalerite mineralization occur on the property.

Cheslalsie main haul road has now exposed over 1 1/2 kilometers on intense alteration, silification and pyritization.

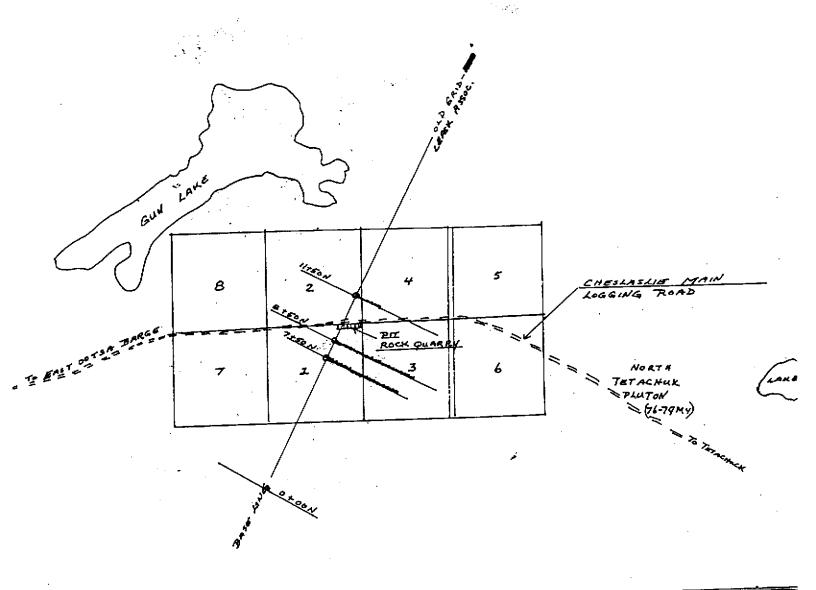
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NTS 93F/15

CHES MINERAL CLAIMS # 1 to 8 inol.



319000

320000

KEEFE - TURFORD

FIGURE 3A
LOCATION OF CEASK GEO-CHEM GR
MAPSHEET 93F-5E
TAKEN FROM EXPIRED EXT PROPER
FILL IN SOIL SURVEY-CHES
R.KEEFE A.Sc.T. PROPERTY
OWNER-OPERATOR

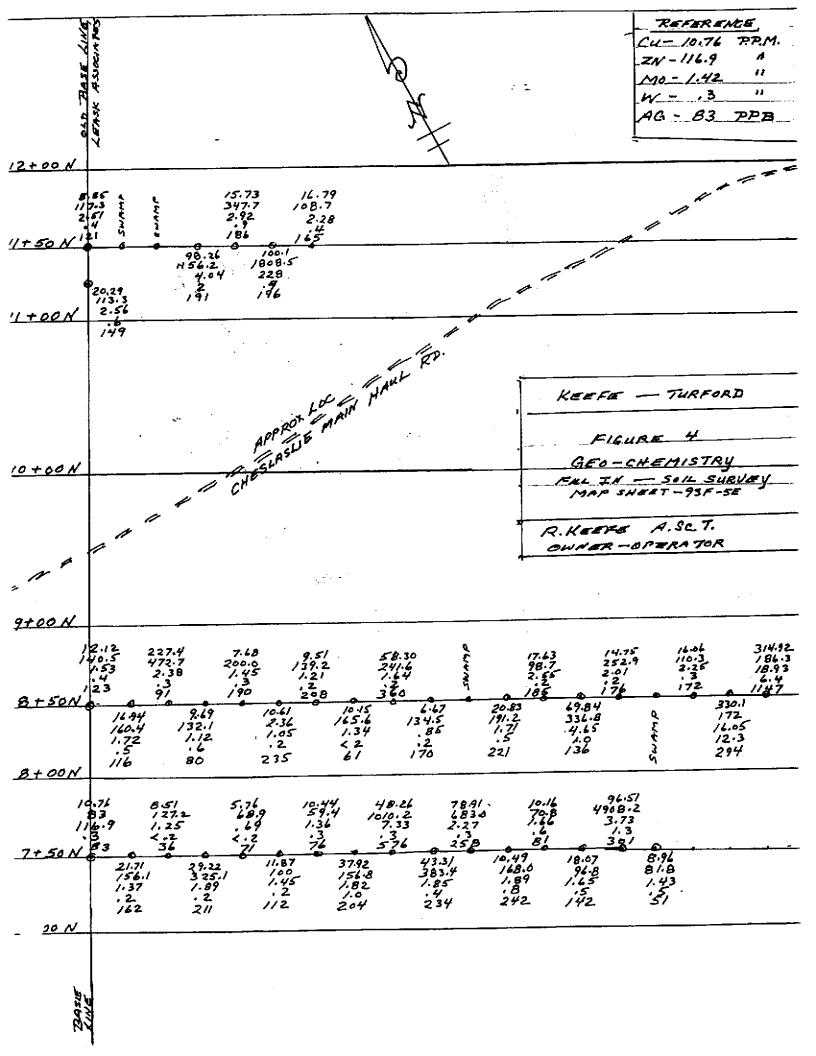
THE CHES PROPERTY

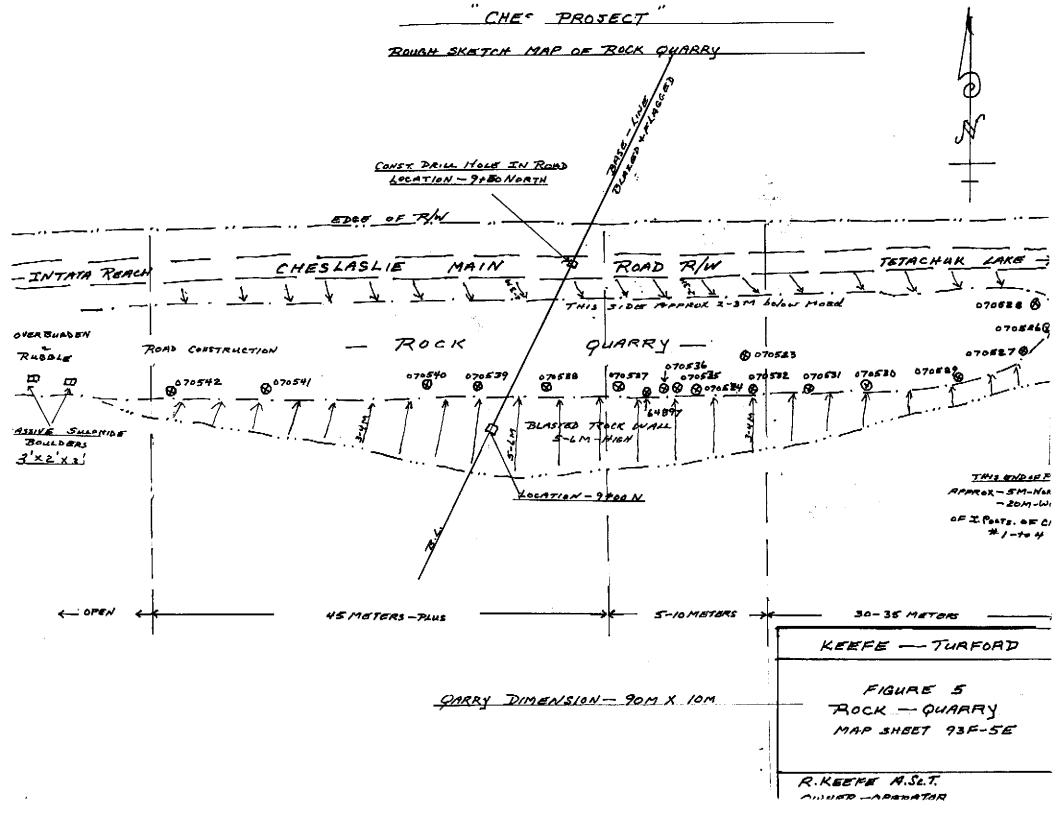
PREVIOUS EXPLORATION HISTORY

Esso Minerals located a significant Cu-Zn anomaly in 1972 following a Regional Lake sediment study. Follow-up Geochemistry, Magnetometer and VLF-EM surveys were done. Although several anomalous areas of metal were confirmed, claims were allowed to elapse.

Logging road development in 1985 exposed skarn type mineralization resulting in the staking of the Esso property by Leask Associates. Additional Geo-chemistry, magnetometer and VLF-Em work was carried out. Several coincidal Geo-chemical and Geo-physical anomalies were located. A trenching and drilling program was thus slated, however this never came about and again the claims elapsed.

The Ches claims were staked in July 1999, as a result of additional road work plus the development of a rock quarry at 31.2 kilometers on the Cheslaslie main haul road.





SOIL AND ROCK GEOCHEMISTRY PROGRAM

The purpose of the prospecting was to extend and map the known area of mineralization, plus further confirmation of the large Cu., Zn., Mo., and anomaly lying to the immediate East End of the quarry.

The rock quarry has now exposed two separate structures of massive sulphides with lower grades of mineralization in between. A third structure is indicated as the equipment on site had rolled out boulders as large as 2/3 metre by 1 metre of massive sulphides lying to the west. A total of 18 samples were taken during mapping.

A limited infill soil survey was carried out using Leask associates grid of 1985. Baseline was located and re-established. Soil stations were established at 25 metre intervals. A total of 39 samples were collected and sent to Acme Analytical Laboratories for ICP analysis.

RESULTS AND DISCUSSION

The soil ICP results are attached as appendix I. Fill in soil survey has confirmed the anomalous presence of Cu., Mo., and Zu., in the stockwork zone southeast of the quarry. Highest values were as follows; Zn -49088 ppm, Cu 315 ppm, and Mo 18 ppm. The average value of Ag over 39 samples was 197 ppb,. Much higher values were found previous on the grid lines to the east and north on this zone.

The bedrock ICP results are shown in appendix II. Several phases of mineralization were noted in the rock quarry. Commencing at the east end and going westward, the mineralization was as follows; (30 - 35) metres of fracture controlled and disseminated Cu, Mo, Zn & Wo2, (5 - 10 metres of Cu, Mo, Zn, and Wo2 in more of a massive sulphide skarn assembly with visible chlorite, epidute and diopside (45)metres and open was a disseminated iron rich zone (pyrite-pyrrhetite) with massive sulphide bands containing Cu, Zn, Mo, and Wo2. Cu and Zn grades both exceeded 3% grade in the large massive sulphide boulders found in the rubble at the West End.

Intense alteration, silification and mineralization can be found along the main road running through the property for 1 1/2 kilometers.

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CONCLUSIONS AND RECOMMENDATIONS

- A) Further in fill soil sampling is recommended in the quartz vein let stockwork zone. It is suggested that this zone could very well be underlain by a porphyry. Trenching is also a requirement.
- B) Trenching westward of the quarry is required to follow the existence of known massive sulphides.
- C) Additional in fill soils and trenching is required to investigate (2) separate Gold and Silver anomalies.
- D) A minimum of 1200 meters of D.D.H. is required to determine the presence and grades of mineralization in the two currently identified zones.

STATEMENT OF EXPENDITURES

ITEM	DAYS	COST
Truck @ \$75/day	4	300,00
ATV @\$40/day	4	160,00
Trailer/camp equip.@\$30/day	7	210.00
Groceries @\$30/day	7	210.00
Assaying 58 samples @\$21/per	a.	1218.00
Reports		200.00
Wages @\$200/day	7	1400.00
Rental - 2way radio's	, a 7	175.00
Powersaw @\$10/day	. 7	70.00
Other (maps, tags, flagging, hipchain strice	ng, misc.	43.00
TOTAL		\$ 3986.00

CERTIFICATE

I Ralph Raymond Keefe of the Colleymount Road, Francois Lake, B.C. hereby declare the following to be true and correct;

- 1. I have successfully completed several courses in prospecting, Geology and Petrology.
- 2. Since 1986 I have been self-employed as a prospector and received a total of 10 prospecting grants from the Provincial Government.
- 3. I am a member in good standing as a Registered Science Technician.

4. I hold an interest in the Ches Mineral Claims.

Ralph R. Keefe A.SC.T.

BIBLIOGRAPHY

Tipper, H.W. (1963); Nechako River map area. Geological survey of Canada Memoir 324. 59 pp (map 1131A)

Ministry of Energy, Mines, Petroleum Resources. Annual Reports, Geology Exploration and Mining, Exploration in B.C. etc.

Leask, J.M., (1986); Prospecting and Geological Report, Exo Claim Group, Central British Columbia. Assessment Report for Gordon P. Leask, Whitesail Joint Venture.

Leask, J.M. and Eldridge, T.L., (1987); Geophysical and Geochemical Report. Exo Claim, Central British Columbia., Assessment report for Tectono Resources Ltd.

Carter, N.G., (1977), Regional Setting of Porphyry Deposits in West Central British Columbia, Paper No. 22, CIM Special Volume No. 15, (Porphyry Deposits of the Canadium Cordillera).

Carter, N.C., and Klein, G.H. (1977); Porphyry Copper and Molybdenum Deposits of North Central B.C., Guidebook No. 2, G.A.C/S.E.G. Joint Annual Meeting., B.C. Ministry of Mines and Petroleum Recourses. (Papers from CIM Special Volume.

Friedman, R.M., Anderson, R.G., and Billes Berger, S.M., 2000; Late Cretaceous Ages for the Cheslaslie River and Tetachuck North Plutons, Northern Tetchuck Lake Map area, Central British Columbia; in Current Research 2000 -A Geological Survey of Canada.

APPENDIX I

A 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

Page 1 (a)

<u> </u>	AMPLE#		Мо	Cu	Pb	Zn	Ag	Ni	Со	Mn	Fe	As	U	Α⊔	Th	Sr	Cd	Sb		٧			La	Cr		Ba	ĪΊ	B Al	Na	K	W	T1	Hg Se	Te	Ga
		<i>ملاین</i> د	роп	ppm	ррт	ppm	ppb	ppm	ppin	ppm	<u> </u>	ррт	ppm	ppb (ppm	ppm	ррп	ppm	ppm	ppm	*	X	ppm	ppm	_ ţ	ppm	т р	pm %	Z	. ž	bbw	ppm p	bo bbw		ppm
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¥.	99RLL 5008856 99RLL 5008857 99RLL 5008858 99RLL 5008859 99RLL 5008860	150 175 200	1.21 1.34 1.64	9.51 10.15 58.30	6.49 7.02 7.27	139.2 165.6 241.6	208 61 360	9.0 8.1 12.4	5.9 6.8 6.4	225 2 511 2 506 2	2.54 2.30 2.52	4.3 3.3 5.6	. 4 . 4	58.6 1.6 .5 1.0	1.5 1.4.	15.4 27.0 66.3	.37 .34	.27 .28 .36 .63 .27	.14 .25 .38	71 74 61	.17 .51 1.70	.035 .015 .053	7.0 7.4 24.4	17.4 20.3 20.1	. 25 . 47 . 27	79.3 49.4 LO5.1	.142 .217 .092	1 1.70 1 1.84 <1 1.16 1 1.84 1 1.60	.009 .013 .011	.03 .04 .05	.2 <.2 .2	03 05 12	27 .2 15 .2 75 1.0	. 02 . 03	4.4 4.5 5.1
**	99RLL\$008862 99RLL\$008863 99RLL\$008864 99RLL\$008865 99RLL\$008867	325	2.55 4.65 2.01	17.63 69.84 14.75	7.68 6.40 6.99	98.7 336.8 252.9	185 136 176	14.0 14.5 17.9	7.3 9.0 10.3	255 3 323 2 270 3	3.64 2.58 3.49	7.2 3.7 8.2	.3 .4 .5 .4 .3	1.0	1.5 1.5 1.6	15.0 28.3 13.8	.70 .35 1.11 1.40 .34	.32 .36 .33 .37 .39	.22 .24 .20	106 69 94	. 17 . 39 . 14	.047 .016 .040	6.6 8.1 6.5	26.0 20.1 25.9	.29 .31 .28	72.6 65.9 77.1	.175 .164 .169	1 1.93 1 2.02 <1 1.36 1 2.35 <1 1.79	.007	.03 .03 .03	.2 1.0 .2	.04 .05 .05	57 .3 26 .5 43 .3	.05 .04 .06	5.8 4.2 6.0
× (2)	99RLLS008868 99RLLS008869 RE 99RLLS008 99KFFS008870	955 3877 380 €	18.93 : _1.73 _1.42	314.92 37.15 10.76	11.92 8.97 8.65	186.3 153.0 116.9	1147 198 83	9.8 9.8 7.7	14.5 5.1 6.6	653 9 244 7 429 7	5.83 2.21 2.07	34.2 8.7 6.4	.4 .3 ,4	3.8 1.8 7.0 7.1 9.2	1.3 .8 1.1	25.5 23.7 29.1	37 78 24 37 76	2.36	1.89 .59 .29	88 57 58	.22 .46	.142 .024 .016	4.3 5.4 7.0	16.6 14.9 16.9	.42 .26 .37	45.6 45.4 55.7	.122 .123 .172	1 2.00 1 2.16 1 1.09 1 1.14 1 1.32	.008	.04 .02 .03	6.4 .9	11 06 07	80 1.3 19 .2 27 .3	.39 .08 .03	7.3 3.7 4.2
7	99KFFS008872 99KFFS008872 99KFFS008872 99KFFS008872 99KFFS008874	3 75° 4 70° 5 73°	1.89 .69 1.45	29.22 5.76 11.87	8.53 24.18 8.83	325.1 68.9 100.0	211 71 112	10.2 5.8 10.8	8.1 3.4 5.4	660 (149 200 (2.62 1.24 3.36	32.8 3.2 11.3	.7 .3 .3	10.4 11.8 13.6 31.3 15.6	1.3 .8 1.4	25.0 12.8 13.0	47 1 29 19 22 16	.31 .63 .20 .40 .39	.35 .60 .33	63 44 85	.53 .14 .13	.028 .010 .039	8.6 5.1 6.1	22.8	. 37 . 22 . 26	60.4 47.8 79.8	.134 .140 .146	1 1.12 1 1.42 1 1.09 <1 2.14 <1 1.89	.012 .007 .006	.03 .02 .02	.2 <.2 .2	10 05 05	44 .7 20 .1 51 .2	.02 .02	4.5 5.6 5.8
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41 81	99KFFS00888 99KFFS00888 99KFFS00888 99KFFS00888 STANDARO DS	4 325 5 350 6 3 <i>75</i>	1.65 3.73 1.43	18.07 96.51 8.96	10.82 15.24 6.88	96.8 4908.2	142 301 51	7.3 13.4 5.0	6.0 16.8 6.3	238 1559 294	3.11 4.48 3.27	21.5 90.6 5.9	.3 .4 .1	33.7 27.1 15.4	1.1 1.1 .5	12.3 22.0 7.2	. 27	.57 1.03 .42	.75 1.83 .69	88 107 168	.12 .35 .09	.041 .039 .022	5.5 4.6 3.0	18.6 23.7 16.6	.27 1.09 .68	39.9 65.5 75.8	.176 .254 .374	<1 1.00 <1 1.49 1 2.49 <1 1.20 2 1.70	007 016 012 012	.03 .06 .15	.5 1.3 .5	.21 .20	62 .2 31 .4 16 .1	2 .09 4 .32 1 .10	6.4 9.0 11.7

GROUP 1F30 - 30.00 GM SAMPLE, 180 ML 2-2-2 HCL-HN03-H20 AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML, ANALYSIS BY ICP/ES & MS. UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



Page 2 (a)

22
ACHE MINLYTTEM

			*** * ** ***							.::2222						, . 10.0															
SAMPLE	Mo	Cu	Pb	Zn A	o Ni	Co	Mn	Fe	As	U	Aυ	Th	5r	Çd	Sb	81	٧	Ca	ΈΡ.	Là	Cr	Mg	Ва	Ti I	B Al	Na	ŘΙ	ı Il	Hg	36	Te Ga
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Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

N.B.

SAMPLES MISSED

- LINE 850 N - 250 E (SWAMP) NO TO "HORIZON

1 11 - 3756 " " " " "

11 1150N - 0256 " " " " " "

APPENDIX II

ACME ANAI CAL LABORATORIES LTD. (ISO __02 Accredited Co.)

852 B. HASTINGS ST.

COUVER BC V6A 1R6

PHONE (604) 253-3158 FAX (60

GEOCHEMICAL ANALYSIS CERTIFICATE

No. No.									1																		500020		<u> </u>	· · ·			 -
SAMPLE#	Ma ppm		Pb ppm	Zn ppm	_	Ni ppm	: Со реп	Mn ppm		As ppm	U ppm		Th ppm		Cd ppm	Sb ppm		ppm V	Ca X	P X	La ppm	Cr ppm	Mg X	8a ppm	Tí %	ppm B	Al X	Na %	X X	ppm W	Au* ppb	Hg ppb	
	I FF					·		<u></u>		<u> </u>		-		• • • • • • • • • • • • • • • • • • • •											~		/7	20	02	24	5	<10	
070526 DR	20	635	11	564	.9	2	5	569	2.99	< 2	-8	<2	2.	6	6.3	3	6	- 6		.018	_		.45		.04	<3	.63			24		<10	
070527 DR	4	148	7	539	<.3	4	3	197	1.53	5	<8	<2	2	6	6.3	<3	3	4		.031	5		. 16		04	<3	.39			3		<10	
070528 DR	12	-149	84	197	.7	2	1	1006	.55	17	11	<2	<2	28	1.4	<3	4	3			8		.10		.01		.58			10		<10	
070529 DR	17	1178	6	118	1.6	4	4	265	2.10	13	<8	<2	<2	9	1.2	<3	<3	4		.027	5		.22		.02		.45			10		<10	
070530 DR	6	134	6	47	<.3	6	3	309	1.58	4	10	<2	<2	6	.2	<3	<3	7	.36	.011	Z	1.5	.32	22	.04	<3	.59	. 10	.07	10	•	10	
															_	_	_							2.			40	10	۸۵	11	1	<10	
070531 DR	3	95	3	27	<.3	4	3	274	2.02	6	8	<2	<2	8	<.2	_	<3	. 6		.014			.31		.04		.60			- 11		<10	
070532 DR	5	271	6	53	.6	5	3	322	2.57	<2	<8	<2	2	8	<.2	<3	<3	3		.013			.22		.04	3	.45			24		<10	
070533 DR	l 2	453	10	454	1.0	7	3	420	2.17	<2	11	<2	2	8	4.6	<3	8	14		.029			.18		06	<3	.44					<10	
070534 DR	3	689		347	1.3	7	5	459	2.63	4	<8	<2	<2	12	2.5	<3	<3	23		.038			.25		.08	5	.64			105			
070535 DR	13	243		613	.4	3	3	281	2.20	3	16	<2	2	13	6.5	<3	<3	8	.69	.039	3	8	.08	38	.07	٥	.56	. 10	.09	12	-	<10	
4,222	'-																		٠.							_						-40	
070536 DR	1 6	12049	29	592	23.0	57	199	3774	13.41	82	<8	<2	3	22	9.6	<3	6	38 .					.76		.09					1014	37	•	
RE 070536 DR		11973							13:42		<8	45	- 3	23	9.5	<3	<3	38					.76			-				1026	41		
070537 DR	1 1	150		1617		9	7	2929	.87	7	21	<2	4	39	14.4	<3	12	13	16.66			_	.01		.06	3	.61				2	15	
070538 DR	<u>3</u> .	76		549		5	3	223	1.84	2	<8	.≺2	<2	10	7.3	<3	<3	8		.024			.33		.06		.73			13	_	10	
070539 DR	5	1200		161		18	11	2000	4.49	<2	<8	<2	<2	9	<.2	્ 5	<3	17	2.79	.070	. 4	12	. 12	12	.05	10	1.05	. 04	.01	1368	٥	<10	
0.023, 0.0	1		_			-															•			_		_					_		
070540 DR	8	803	14	103	2.0	48	104	1355	25.97	26	<8	<2	5	10	1.8	<3	4	13					. 13		.03	<3				2449	•	15	
070541 DR	18	46		10256	<.3	8		1582	1.25	. 2	9	<2	<2	13	110.3	<3	<3	13	2.60				. 10		.09		1.00			32	1	20	
070542 DR	111	6277		564		33	45	2652	17.05	24	<8	<2	3	5	8.8	<3	<3	40	2.55				. 17		.04	<3		-		1709		<10	
STANDARD C3/AU-R	26	67		164	5.5	36	11	781	3.29	54	26	2	21	28	23.5	19	21	79		. 085					.08				. 15	-	553		
STANDARD G-2	2	5	7	45	_	7	4	572	2.11	<2	11	<2	7	77	<.2	<3	<3	43	.68	.096	9	76	.62	238	. 13	<3	1.02	.09	.48	2	<1	<10	

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 2-2-2 HCL-HN03-H20 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 LIMITED FOR NA K AND AL. ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED. (10 gm) HG ANALYSIS BY FLAMELESS AA. - SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

JUL 2 1999 DATE REPORT MAILED: July 8/99 DATE RECEIVED:

D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

PHONE (604) 253-3158 FAX (60 FICAL LABORATORIES LTD. ACMIR ANL (ISO 9002 Accredited Co.) GEOCHEMICAL ANALYSIS CERTIFICATE 위 TI Hg Ti B Al Ma Ba Ça Cr Mg Cd Sb Bi Y Fe As Au Th Sr Zn Ag Ni Co Mn Mo SAMPLE# add eadd med dag and mag mag 🐰 🖟 ጃ ppm ኒ ppin ppm ppm * руп ррπ ¥ mag mag mag mag dag # DOM DOM орь ррт ррч орг opm. ppm ppm pum 10.76 9109.07 6.88 1443.4 1251 38.2 31 9 2495 17 50 2.7 4 4 17.1 .2 2 1 13 32 .35 2.89 33 2 54 .038 1.2 22.2 .06 4 5 .038 <1 .89 .009<.01 368 3 < 0.2 226 21.8 .55 4 7 4 38 7 13.3 847 3.31 65 5 22 0 206.8 3 1 32.2 11 48 9.98 11.63 84 .57 086 14 3 181 7 64 151 6 .120 2 1.89 .040 .17 7 1 1.98 259 2.6 1 95 5.3 64897 171 5 STANDARD DS2 14.40 135.08 31 TED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FCR ONE HOUR AND 15 DILUTED TO 600 ML WITH WATER, ANALYSIS BY 1CP/ES & MS. 30 GRAM SAME PARTIAL OR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL. THIS LEACH ! - SAMPLE TYPE: ROCKD. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS 1999 DATE REPORT MAILED: DATE RECEIVED AUG 11