85-506-
14531

ROCK GEOCHEMISTRY

COLES PROPERTY

OMINECA M.D.

Whitesail Lake Map Area (93E/6W)

04/86

53° 25' N, 127° 17' W

For

Nuspar Resources Ltd.
305 - 535 Thurlow St.
Vancouver, B.C.

FILMED

GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,531

June, 1985

by
Dr. T.A. Richards
R.R. #1, Hazelton, B.C.

TABLE OF CONTENTS

LOCATION AND ACCESS

The Claims are centered at approximately 53° 27' north latitude and 127° 17' west longitude (map 93E/6), north of the western end of Little Whitesail Lake and about 148 km south of Smithers, B.C. The direct distance to Houston and the nearest railway (CNR), paved highway, gas pipeline and main electricity transmission system is about 108 km. A good gravel road from Houston terminates on Tahtsa Reach, approximately 23 km north of the claims.

Access is easiest by helicopter from Smithers or Houston. Floatplanes can land on both Coles and Little Whitesail Lakes. Boats and barges can reach the southern claims area via Ootsa, Whitesail and Little Whitesail Lakes.

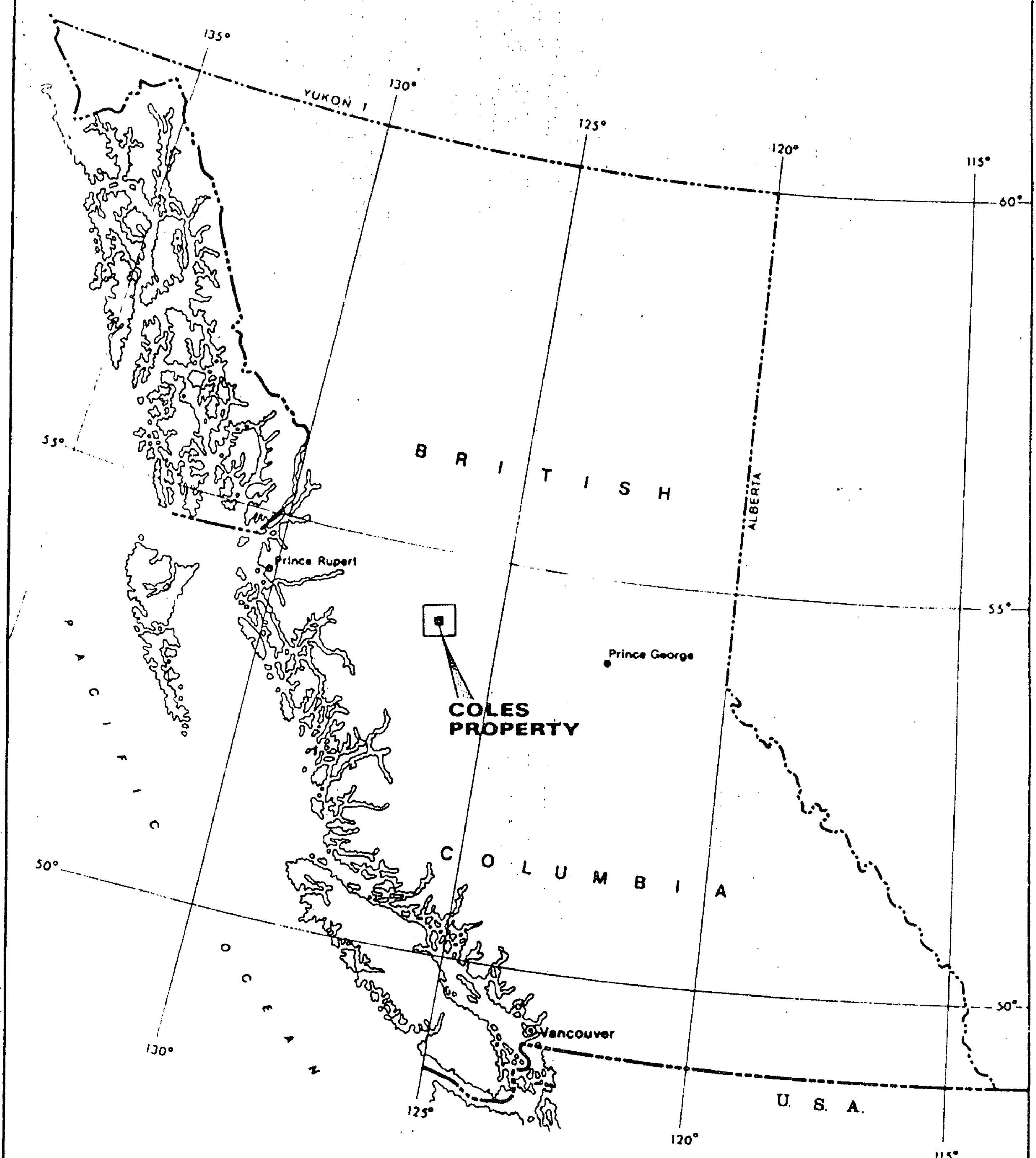
The claims are mostly free of snow from late June until late October. However, substantial snowfalls can occur in September and October. Permanent snow and ice occupy a small portion of Coles 3 and 4.

PHYSIOGRAPHY

The claims extend from the northwestern shore of Little Whitesail Lake at about 853 m elevation above sea level to about 1 905 m elevation on a mountain that occupies most of the Coles claims area. The topography varies from mountainous in the central claims area to hilly and locally flat in the northern claims. Several lakes and streams on the property carry adequate amounts of water for exploration and mining.

Almost 50% of the claims area is above timberline, which is at approximately 1 370 m elevation. Balsam fir and hemlock cover most of the lower slopes. There are several swamps near the south shore of Coles Lake. About 90% of the claims area is covered by overburden or ice and snow.

Figure 1



NUSPAR RESOURCES Ltd.

COLES PROPERTY

LOCATION MAP

OMINECA M.D., B.C. NTS 93 E/6W

V.CUKOR, P.Eng. - NVC ENGINEERING Ltd. - VANCOUVER, B.C.

DATE: May 1985	SCALE: 0 — 100 miles	FIG. 1

CLAIMS AND OWNERSHIP

The Coles Group comprises 80 units as listed below.

Claim	Units	Record No.	Expiry (pending)
Coles 1	20	5128	6 May 1985
Coles 2	20	5129	"
Coles 3	20	5130	"
Coles 4	20	5131	"

The claims were staked by Dr. T.A. Richards, R.R. 1, Hazelton, B.C., in 1983 and they were subsequently optioned to Nuspar Resources Ltd., 305 - 535 Thurlow St., Vancouver, B.C.

PREVIOUS WORK

Quartz veins containing anomalous gold mineralization was first noted in the area during the summer of 1982 by Richards, Suratt, Holden and Bell while engaged in a reconnaissance exploration program in the Whitesail Lake area. In May, 1983 80 units were staked to cover the then known mineralized zones and their hpothesized extensions. No previous record of mineralization is known on the immediate claims area.

In the summer of 1983, three to four men spent up to two weeks working the Coles Group claims. An Assessment Report, The Geology, Geochemistry and Prospecting, Coles Property, 1984 has been filed for this work. A Property Examination Report, by V. Cukor, P.Eng., completed prior to the above work, has been filed with the Superintendent of Brokers on the property.

PRESENT WORK

In late September, 1984 two men, Dr. T.A. Richards, geologist and Mr. B. Holden, prospector, spent four days on the claims. The work consisted of surveying in the vein systems by chain and compass, detailed chip sampling of the vein systems, and follow-up of anomalous zones noted in 1983. Work was based from a fly-camp on the property.

In conjuction with this work, an Summary Geologic Report was completed by Mr. A. L'Orsà, M.Sc., F.G.A.C. dated November, 1984, and an Engineering Report by Mr. V. Cukor, P.Eng., dated May, 1985, both on file with the Superintendent of Brokers.

The present data was compiled and reported by Dr. T.A. Richards.

GEOLOGICAL SETTING

The Whitesail area lies along the eastern margin of the Coast Plutonic Complex. Upper Paleozoix metamporphic rocks within the Coast Plutonic Complex represent the oldest rocks known in the area. Immediately east of the Coast Plutonic Complex, Lower Jurassic volcanic and sedimentary rocks of the Hazelton Group predominate. These are overlain by generally epiclastic rocks of the Upper Jurassic Ashman Formation and the Lower Cretaceous Skeena Group, followed by volcanic rocks of the Upper Cretaceous Kasalka Group. The final major rock-forming events in the area were episodes of Tertiary volcanism that deposited the siliceous volcanic rocks of the Ootsa Lake Group and the basalts of the Endako Group. A variety of intrusive rocks outcrop in the area. They range in composition from granite to gabbro and they range in age from Paleozic (?) to Tertiary. The area is cut by major systems of generally north-easterly or northerly trending faults. For detailed geological descriptions see Duffell (1959), Hodder and MacIntyre (1980), Tipper et al. (1979) and Woodsworth (1980).

A resurgent caldera (Tahtsa caldera), at least 20 km in diameter, was mapped about 7 km north of the claims by D.G. MacIntyre. The collapsed caldera centre is occupied by rocks of the Kasalka and Skeena Groups and by a variety of intrusions. Several potentially economic mineral deposits are associated with small granodioritic stocks around the priphery of the caldera, possibly localized at intersections between ring and radial fractures related to caldera development (Hodder and MacInyre, 1980). Recent work by T.A. Richards (1984) and G. Woodsworth (1980) indicates that the caldera extends further south than previously mapped and that a section of the caldera ring fracture zone underlies the Coles property.

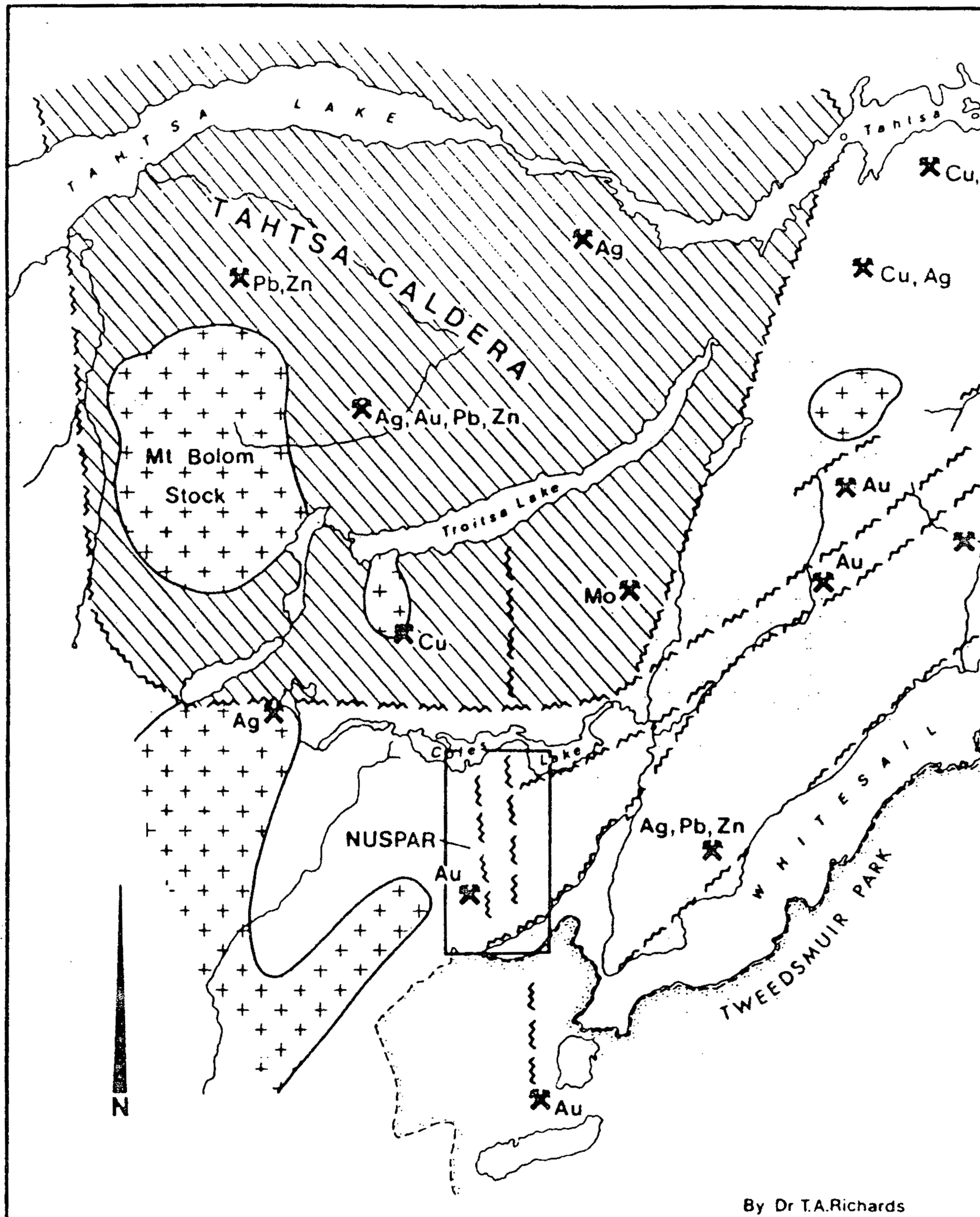


Figure 2.

7.

NUSPAR RESOURCES Ltd.

COLES PROPERTY

Geologic Elements and Mineralization

OMINECA M.D., B.C. NTS 93 E/6W

V. CUKOR, P.Eng. - NVC ENGINEERING Ltd. - VANCOUVER, B.C.

DATE:	May 1985	SCALE: 0 — 5km	FIG.	2

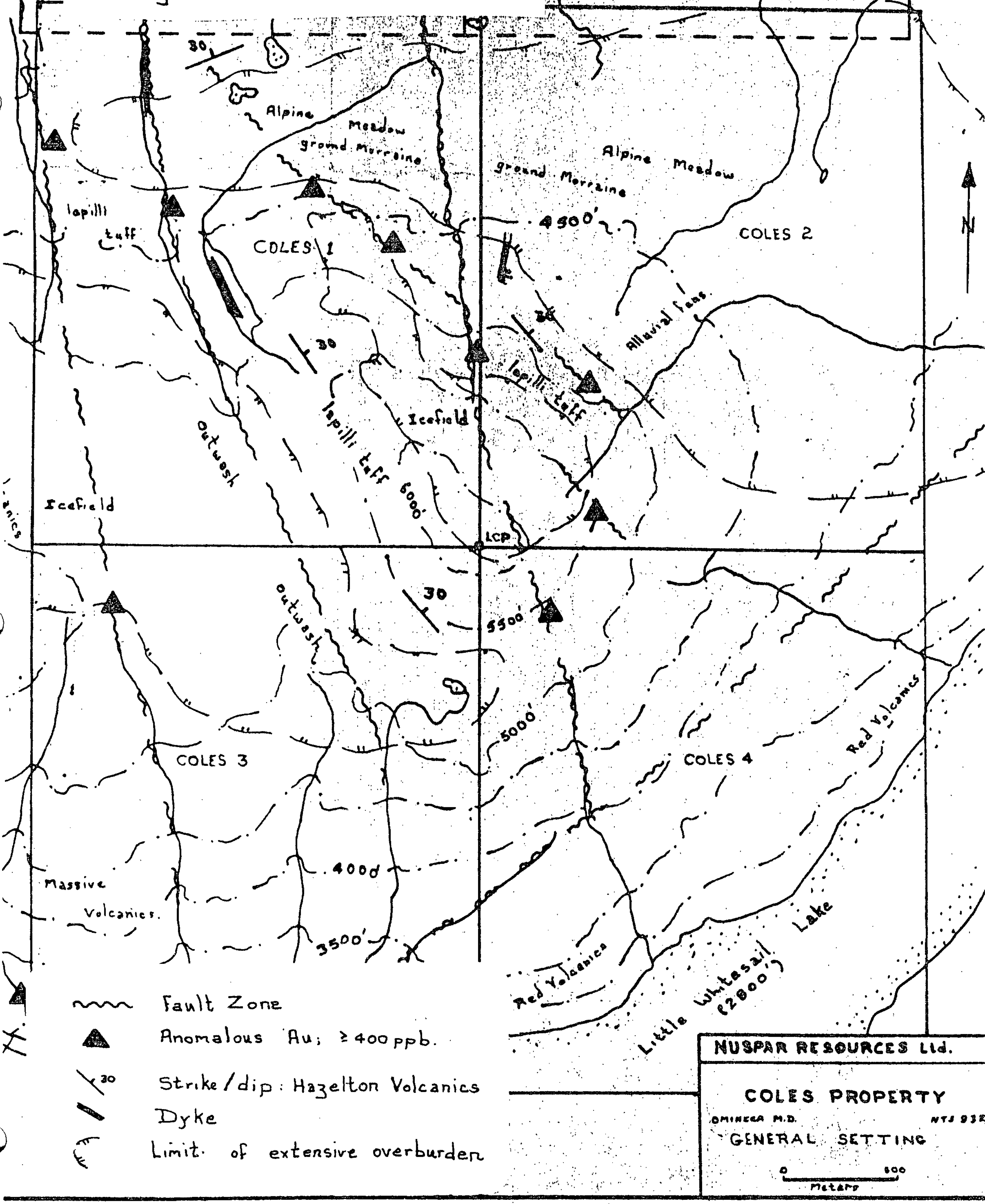
GEOLOGY OF CLAIMS

The claims are underlain by volcanic and minor sedimentary rocks of the Lower Jurassic Telkwa Formation of the Hazelton Group (Woodsworth, 1980). These rocks are cut by a few dykes of intermediate to probable rhyolitic composition. This rock assemblage is dominated by generally subaerial, thick-bedded red to maroon to purple and green lapilli tuffs with a few flows and, locally, interbedded tuffaceous mudstones, volcanic sandstones, conglomerate and minor argillite (Richards, 1984). The rocks appear to form a homocline, dipping moderately to the northeast.

A complex of steeply dipping fault zones, with a northwesterly trend and a subsidiary northeasterly trend, extends across the claims. These zones are characterized by breccias with drusy quartz fillings as described below. In places, quartz-feldspar prophyry and hornblende-feldspar prophyry dykes occur in the fault zones (Richards, 1984). Westerly-striking lineaments visible on aerial photographs, particularly in the northern claims area, appear to mark part of the ring fracture zone of the Tahtsa caldera.

A major north to northwesterly trending shear zone transects the west-central part of Coles 1 claim, and is traceable to the south to Little Whitesail Lake. Strata west of the fault comprise indurated and hornfelsed Hazelton Group Volcanies cut by numerous dykes associated with apolphyse of the near-by Coast Intrusions. Strata to the east are represented by unmetamorphosed, northeast dipping lapilli tuffs that are host to the presently known mineralization.Within the fault zone is up to 50 meters width of intensly crushed and shattered rock. Quartz-eye and feldspar porphyry dykes within the fault zone are unaffected by the shearing. It appears that the normal component of the fault is down to the east.

Figure 3


Alpine
Meadow
ground Morraine
Alpine Meadow
ground Morraine
4500'
lapilli
tuff
COLES 1
COLES 2
30
Alluvial fans
lapilli tuff
Icefield
outwash
lapilli tuff 6000'
Icefield
LCP
30
5500'
outwash
5000'
COLES 3
COLES 4
Red Volcanics
4000
Massive
Volcanics
3500'
Red Volcanics
Little Whitesail (2800')
Lake
N
Fault Zone
Anomalous Au; ≥ 400 ppb.
Strike/dip: Hazelton Volcanics
Dyke
Limit of extensive overburden
NUSPAR RESOURCES Ltd.
COLES PROPERTY
OMINECA M.D.
GENERAL SETTING
0
500
Meters

MINERALIZATION

Anomalous gold (up to 24,000 ppb) with lesser silver, copper, lead and zinc have been found in quartz veins and fault zones on the claims. Many anomalous minieralized zones have been located (Assessment Reoport, Coles Property 1984) containing gold in excess of 400 ppb. Where presently exposed, the mineralized zones appear to constitute a northwest trending system that measures 2500 meters along strike, and judging from scattered exposures to the northwest and southeast, exceeds 4000 meters in length. Within this system in excess of 36 veins and veinlets comprise an acutely branching array with two dominant trends; northwest and north to northeast. Veins dip steep (60^o) to verticle.

Vein quartz types include massive, banded, vuggy and coxcomb quartz generally white in colour but locally beige, grey, clear, red and rarely amethystine.

Veins vary in width from thin stringers, a few centimeters width to massive quartz-breccia systems in excess of four meters width. Veins pinch and swell, ranging from hairline stringers to 1 - 2 meters over 20 meters of strike-length. Certain veins maintain 30 - 60 cm widths over 100 meters. Some of the veins comprise fault breccias characterized by propyllitic-argillic altered rock fragments cemented by banded vuggy quartz.

Most of the showings are low in sulphides containing less than 1% pyrite, locally to 15%. Only on the chalco-showing where chalcopyrite is present, are sulphides other than pyrite common. Minor galena and sphalerite have been noted but are not a significant constituant. Other than quartz, purple, green and colourless fluorite is the only other noted gangue mineral, although isolated lenses of calcite and siderite are noted.

All the mineralization is hosted in massive bedded lapilli tuffs and red tuffs of the Hazelton Group. Immediately adjacent the vein, walls, bleaching is common, as also found in rock fragments included within the veins. Associated with the vein-system is a suite of intensely propyllitized volcanics that renders the typically red Hazelton strata pronounced green color. This alteration developes adjacent the veins and associated faults for some several meters. In addition to its parallel development adjacent veins, propyllite alteration has selectively replaced bedding in the host Hazelton volcanics, giving the strata a green and red stripped apparance across a zone some 1½ kilometers wide, coincident with the vein system.

One hundred and thirty-four(134) samples were analyzed for gold and 30 element ICP analysis by Vangeochemical Laboratories of 1521 Pemberton Ave. North Vancouver, B.C. Results are listed in the accompanying tables. Descriptions of showings conforms to the 1984 Coles Property Assessment Report. One new showing was discovered as a result of this investigation. Certain showings noted earlier were not sampled, and will not be reported here.

High View Showing

This showing is located between 1,580 and 1,680 meters elevation in the north central part of the property. It comprises one main vein up to 6 meters width. It is a breccia zone composed of a box-work of vuggy quartz cementing angular, altered fragments of lapilli tuff. Numerous other veins and lenses up to 3 meters width were noted as splays off the main vein. Pyrite is less than 1%, minor sphalerite noted. Fluorite is locally common. Gold ranges up to 440 ppb, and silver to 27.7 ppm. Sixteen samples were collected in 1984. Highest gold ran 230 ppb Au and 12 ppm Ag. This portion of the vein-system requires no follow-up.

Camp View Showing

The camp view showing comprises a single main vein traceable intermittently through talus and overburden for some 300 meters. It comprises grey,banded, fine-grained vuggy quartz. Minor stingers are associated. It pinces and swells from stinger to 1 meter width, mainly less than 50 cm. Twenty-one (21) samples gave values to 430 ppb Au, with 12 in excess of 100 ppb Au confirming the values to 640 ppb noted in 1983. A proximal float sample of quartz gave values of 1,625 ppb Au and 25.6 Ag. This sample was collected near the top of the vein, as exposed, and represents the only significant anomaly to be followed up on this showing.

Center View Showing

This showing is located between the High View and Camp View showing and was recognized late in the 1983 program.

Follow-up in 1984 revealed a complex set of branching veins, stingers and breccias that includes up to 20 separate units, ranging in thickness from stringers to 4 meter widths. Twenty to 100 cm widths are the norm. Fifty-two samples were collected for geochemical analysis, which represent chips taken across the veins. Values range from n.d. (not detected) to 1,150 ppb Au. Two veins gave consistently anomalous results in excess of 100 ppb Au, both from the western portion of the showing. Most significant is a northwest trending branch that represents the most southwesterly of the known veins from the showing. Twelve samples from this vein gave values of 110 to 1,150 ppb Au, with two values in excess of 1 ppm. The vein pinches and swells, ranging from a stringer-stockwork system to massive quartz up to 60 cm width. The quartz is typically fine-grained, vuggy, colloform banded, to planar banded. Local pockets of calcite and fluorite are present. The vein can be traced for 200 meters, where it becomes covered by snow. A second vein containing significant gold values is exposed about 100 meters to the northeast of the above vein. It is traceable for about 100 meters, ranges from 5 cm to 40 cm width and contains gold values up to 870 ppb.

Other veins within the Centre View showing gave results less than 100 ppb. All except one are less than 20 cm width. An exception is a 3 to 6 meter wide, north-striking silicified breccia zone comprised of angular fragments of bleached volcanics in a matrix of fine-grained dense quartz. One meter wide wedges of sheared, propyllitized volcanics are included within the zone. Chips from this zone gave up to 90 ppb Au.

Further investigation of the first-described anomalous vein is required. Prospecting above the Center View showing has yet to be done.

Chalco Showing

This showing was discovered in 1984, the result of follow-up on fluorite bearing quartz boulders noted in 1983. The showing is little investigated and comprises two components. A northwest trending qurtz vein occupies the base of the slope, above extensive talus wash. Trending off this vein, in a north-easterly direction are a series of veins, stringers, silicified and propyllitized alteration pods that carry pyrite and chaolcopyrite. From one of these zones, measuring up to 1 meter width, a prospector-grab sample gave a 24,000 ppb Au value. Other values from this zone gave 730 and 340 ppb Au and up to 28 ppm Ag. This zone has high priority for further exploration.

East Side Showing

Discovered in 1983 during reconnaissance coverage of this portion of the claims, it gave the highest value of gold (1,580 ppb) noted on the Coles Group prior to this investigation. Follow-up in 1984 consisted of a few hours coverage, as it represented the furthest point readily accessible from the 1984 camp-site. This folow-up verified the earlier anomaly with the discovery of values up to 4,100 ppb Au, and associated back-up values of 430,510,530 and 770 ppb Au. Mineralization appears to be associated with quartz stringers and veins (to 1 cm) and pyritic-rusty propyllitized and bleached volcanics. Minor galena occurs with this system. Further exploration is required.

INTERPRETATION

The vein system on the Coles Group claims is a northwest trending system comprised of a set of northwest trending veins and north to northeast trending veins. It is an acutely branching array of veins that split, splay and horsetail. The individual veins are associated with minor shears, and pinch and swell from stringer-stockworks to masses up to and in excess of 3 meters width. The vein system is traceable intermittently for in excess of 4 kilometers. To the west of the vein-alteration system is a major northwest trending shear zone that appears to separate deeper-seated granitics and hornfelsed volcanics to the west from the epithermal, shallower level vein system to the east. It is probable that the Coles vein system resulted from tension-gash openings resultant from movement along this major fault zone. This movement was likely coincident with emplacement of the Coast Intrusions and evolution of the Tahtsa Calera, with mineralization developing from the vocanic-tectonic activities.

REFERENCES

Cukor, V., 1983, Coles property: Unpublished report for Nuspar Resources Ltd., 18 p.

Duffell, S., 1959. Whitesail Lake map-area British Columbia: Geol. Survey of Canada, Mem. 299, 119 p.

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Tipper, H.W., Campbell, R.B., Taylor, G.C., and Stott, D.F., 1979, Parsnip River British Columbia: Geol. Survey of Canada, Map 1424A, Sheet 93, Scale 1:1 000 000.

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AUTHORS RESUME

Dr. T.A. Richards
RR#1,
Hazelton, B.C.
VOJ IYO

1. Collection, interpretation and presentation of data is wholly the reponsibility of Dr. T.A. Richards.

2. I received my B Sc., Geology from the University of B.C. in 1965 and my Ph D.,Geology from the University of B.C. in 1971.

3. I am a Fellow of the Geological Association of Canada.

4. I was a Research Scientist with the Geological Survey of Canada, Cordilleran Section from 1972 to 1978.

5. I have been involved in mineral exploration in British Columbia from 1979 to the present.

ITEMIZED COST STATEMENT:

Time::			
Geologist; Dr. T.A. Richards;	5 days @$350/day	$1,750.00	
Prospector; B. Holden;	5 days @$150/day	750.00	
Employee Expenses; (20%)		150.00	$ 2,650.00
Transportation:			
Helicopter		2,371.90	
Truck	3 days @$35/day	105.00	2,476.90
Food			142.72
Supplies			79.67
Equipment Rental			75.00
Meals/Accommodation			53.84
Office, expiditing, shipping			100.00
Engineering Report:			
T. L'Orsa	75% of 750.00	562.50	
V. Cukor	75% of 1,228.42	921.32	1,483.82
Geochemistry			2,442.90
Report Preporation:			
Data compilation	3 days @$300/day	900.00	
Drafting & supplies	6 hrs. @$15/hr.	90.00	
Secretarial/copying/ supplies		100.00	1,090.00
	TOTAL COSTS		$ 10,594.85

Appendix 1 Gold Geochemistry - Rock

VANGEOCHEM LAB LIMITED

MAIN OFFICE
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BRANCH OFFICE
1630 PANDORA ST.
VANCOUVER, B.C. V5L 1L6
(604) 251-5656

GEOCHEMICAL ANALYTICAL REPORT

CLIENT: MR. TOM RICHARDS
ADDRESS: R R #1
: Hazelton BC
: V0J 1Y0

DATE: Apr 12 1985
REPORT#: 85-75-001
JOB#: 85037

PROJECT#: NUSPAR RESOURCES LTD.
SAMPLES ARRIVED: Apr 4 1985
REPORT COMPLETED: Apr 12 1985
ANALYSED FOR: Au ICP

INVOICE#: 8578
TOTAL SAMPLES: 158
SAMPLE TYPE: 24 S & 134 R
REJECTS: SAVED

SAMPLES FROM: MR. TOM RICHARDS
COPY SENT TO: MR. SAM AIKENS - NUSPAR RES. LTD.

PREPARED FOR: MR. TOM RICHARDS

ANALYSED BY: VGC Staff

SIGNED: ____________

GENERAL REMARK: None

VANGEOCHEM LAB LIMITED

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REPORT NUMBER: 85-75-001 JOB NUMBER: 85037 MR. TOM RICHARDS

SAMPLE #	Au ppb
84 BH 137 S	10
84 BH 192 S	nd
84 BH 195 S	nd
84 BH 196 S	10
84 BH 198 S	10
84 BH 201 S	10
84 TR 180 D	10
84 TR 181 D	nd
84 TR 221 D	nd
84 TR 222 C	nd
84 TR 223 C	nd
84 TR 224 C	nd
84 TR 227 D	nd
84 TR 228 D	nd
84 TR 229 R	nd
84 TR 233 D	10
84 TR 235 R	10
84 TR 239 D	10
84 TR 240 D	10
84 TR 241 D	10
84 TR 242 D	20
84 TR 243 C	nd
84 TR 244 C	nd
84 TR 245 C	50
84 BH 122	nd
84 BH 123	10
84 BH 124 F	30
84 BH 125 R	230
84 BH 126	10
84 BH 127 RF	nd
84 BH 128 RF	30
84 BH 129	10
84 BH 130	240
84 BH 131	290
84 BH 132	210
84 BH 133 F	240
84 BH 134	110
84 BH 135 F	nd
84 BH 136	430
DETECTION LIMIT	5

nd = none detected -- = not analysed is = insufficient sample

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REPORT NUMBER: 85-75-001 JOB NUMBER: 85037 **MR. TOM RICHARDS**

SAMPLE #	Au ppb
84 BH 138	1625
84 BH 139	30
84 BH 140	40
84 BH 141	60
84 BH 142	nd
84 BH 143	110
84 BH 144 R	290
84 BH 145	90
84 BH 146	nd
84 BH 147	70
84 BH 148	110
84 BH 149 A	290
84 BH 150	350
84 BH 151	330
84 BH 152	350
84 BH 153	370
84 BH 154	250
84 BH 155	150
84 BH 156	10
84 BH 157	20
84 BH 158	140
84 BH 159	330
84 BH 160	10
84 BH 161	870
84 BH 162	30
84 BH 163	230
84 BH 164	90
84 BH 165	nd
84 BH 166	50
84 BH 167	250
84 BH 168	70
84 BH 169 F	50
84 BH 170	nd
84 BH 171	24000
84 BH 172	20
84 BH 173	10
84 BH 174	340
84 BH 175	nd
84 BH 176	nd
DETECTION LIMIT	5

nd = none detected — = not analysed is = insufficient sample

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REPORT NUMBER: 85-75-001 JOB NUMBER: 85037 **MR. TOM RICHARDS**

SAMPLE #	Au ppb
84 BH 177	70
84 BH 178	730
84 BH 179	10
84 BH 180	390
84 BH 180 A	nd
84 BH 181	nd
84 BH 183	nd
84 BH 184	20
84 BH 185	nd
84 BH 186	10
84 BH 187	nd
84 BH 188	nd
84 BH 189 A	530
84 BH 190	770
84 BH 191	430
84 BH 193	nd
84 BH 194	30
84 BH 197	60
84 BH 199	10
84 BH 200	10
84 BH 202	nd
84 BH 203	510
84 BH 204	4100
84 TR 171 R	10
84 TR 172	30
84 TR 173 R	20
84 TR 174	20
84 TR 175	10
84 TR 176	nd
84 TR 177	90
84 TR 178 R	170
84 TR 179	140
84 TR 181	120
84 TR 182 R	210
84 TR 183	nd
84 TR 184	40
84 TR 185	40
84 TR 186	230
84 TR 187	1130
DETECTION LIMIT	5

nd = none detected -- = not analysed is = insufficient sample

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REPORT NUMBER: 85-75-001 JOB NUMBER: 85037 **MR. TOM RICHARDS**

SAMPLE #	Au ppb
84 TR 189	1150
84 TR 190	30
84 TR 191	30
84 TR 192	nd
84 TR 193	10
84 TR 194	10
84 TR 195	70
84 TR 197 R	10
84 TR 198	140
84 TR 199	150
84 TR 200	20
84 TR 201	10
84 TR 202	nd
84 TR 203	60
84 TR 204	50
84 TR 205	80
84 TR 206	30
84 TR 207	90
84 TR 208	20
84 TR 209	10
84 TR 210	30
84 TR 211	nd
84 TR 212	10
84 TR 213	nd
84 TR 214	30
84 TR 215	40
84 TR 216 R	70
84 TR 217 R	30
84 TR 218	10
84 TR 219	10
84 TR 220	nd
84 TR 225 F	20
84 TR 226	30
84 TR 230	20
84 TR 231	50
84 TR 232	70
84 TR 234	50
84 TR 236	10
84 TR 237	40
DETECTION LIMIT	5

nd = none detected -- = not analysed is = insufficient sample

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REPORT NUMBER: 85-75-001 JOB NUMBER: 85037 **MR. TOM RICHARDS**

SAMPLE #	Au ppb
√84 TR 238	30
NO NUMBER	70

DETECTION LIMIT 5

nd = none detected -- = not analysed is = insufficient sample

Appendix 2 26 Element ICP Analysis

VANGEOCHEM LAB LIMITED

MAIN OFFICE: 1521 PEMBERTON AVE. N.VANCOUVER B.C. V7P 2S3 PH:(604)986-5211 TELEX:04-352578
BRANCH OFFICE: 1630 PANDORA ST. VANCOUVER B.C. V5L 1L6 PH:(604)251-5656

ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR SN,MN,FE,CA,P,CR,MG,BA,PD,AL,NA,K,W,PT AND SR. AU AND PD DETECTION IS 3 PPM.
IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -= NOT ANALYZED

COMPANY: TOM RICHARDS
ATTENTION: T. RICHARDS
PROJECT: *NUSPAR RES.*

REPORT#: 85-75-001
JOB#: 85037
INVOICE#: --

DATE RECEIVED: 85/03/03
DATE COMPLETED: 85/03/10
COPY SENT TO: T. RICHARDS

ANALYST *W. Remus*

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
84-BH-137S	.1	1.67	1	ND	62	ND	.28	.1	4	7	13	2.06	.21	.31	399	1	.11	3	.06	7	ND	ND	ND	3	14	ND	ND	27
84-BH-192S	.1	2.56	ND	ND	25	ND	.09	.1	3	8	12	1.57	.19	.28	194	ND	.21	2	.08	8	ND	ND	ND	3	7	ND	ND	27
84-BH-195S	.3	2.29	2	ND	16	ND	.06	.1	5	11	11	3.97	.24	.31	225	ND	.09	1	.02	11	ND	ND	ND	5	7	1	ND	29
84-BH-196S	.1	1.51	2	ND	59	ND	.32	.1	9	11	16	2.85	.37	.66	955	1	.19	6	.06	12	ND	ND	ND	2	26	3	ND	62
84-BH-198S	.2	1.96	ND	ND	22	ND	.06	.1	5	8	8	2.92	.21	.36	307	ND	.08	2	.02	9	ND	ND	ND	3	7	1	ND	32
84-BH-201S	.6	3.29	1	ND	28	ND	.07	.1	5	14	14	4.11	.35	.38	387	1	.14	1	.03	12	ND	ND	ND	5	7	3	ND	32
84-TR-180D	.2	1.98	1	ND	48	ND	.19	.1	3	7	12	2.34	.28	.23	228	1	.17	3	.08	8	ND	ND	ND	3	11	1	ND	24
84-TR-181D	.1	1.57	ND	ND	46	1	.09	.1	2	5	5	1.22	.17	.17	136	ND	.12	1	.05	12	ND	ND	ND	3	8	ND	ND	16
84-TR-221D	.1	2.03	ND	ND	94	ND	.38	.2	12	11	12	1.39	.33	.26	4354	2	.18	5	.11	24	ND	ND	ND	3	32	2	ND	46
84-TR-222C	.8	5.74	11	ND	23	ND	.03	.1	6	13	27	3.98	.64	.33	364	2	.27	1	.04	15	ND	ND	ND	7	4	5	ND	27
84-TR-223C	.1	4.93	1	ND	33	ND	.06	.1	6	14	17	3.77	.25	.43	328	1	.08	2	.03	9	ND	ND	ND	4	7	1	ND	44
84-TR-224C	.1	3.45	1	ND	33	ND	.06	.1	5	12	15	4.03	.27	.36	267	1	.11	2	.02	9	ND	ND	ND	4	7	2	ND	39
84-TR-227D	.1	1.94	3	ND	72	ND	.32	.3	24	15	13	2.91	.36	.54	5587	3	.16	5	.09	23	ND	ND	ND	2	27	2	ND	62
84-TR-228D	.1	1.97	ND	ND	41	ND	.09	.1	7	15	9	4.03	.35	.48	1115	1	.07	2	.07	16	ND	ND	ND	2	7	1	ND	45
84-TR-229R	.1	2.41	9	ND	53	ND	.02	.1	3	2	48	2.43	.24	.25	586	1	.11	ND	.04	14	ND	ND	ND	1	2	ND	ND	28
84-TR-233D	.1	2.38	1	ND	77	ND	.34	.2	15	32	25	2.49	.52	.64	2061	3	.31	11	.09	14	ND	ND	ND	3	27	3	ND	59
84-TR-235R	.1	.99	14	ND	23	ND	.11	.1	11	2	41	6.91	.49	.23	951	ND	.01	ND	.09	11	ND	ND	ND	ND	5	3	ND	42
84-TR-239D	.2	2.07	ND	ND	45	ND	.49	.1	13	52	28	3.82	.55	1.32	972	ND	.31	5	.07	9	ND	ND	ND	2	22	4	ND	87
84-TR-240D	.1	1.88	1	ND	63	ND	.41	.1	11	16	27	3.43	.46	1.05	1194	ND	.24	5	.07	12	ND	ND	ND	2	21	3	ND	77
84-TR-241D	.1	2.31	1	ND	61	ND	.29	.1	14	17	32	4.13	.51	1.23	1167	ND	.21	6	.06	15	ND	ND	ND	1	14	4	ND	96
84-TR-242D	.1	2.08	1	ND	99	ND	.33	.3	8	11	27	2.83	.43	.71	760	ND	.26	6	.07	16	ND	ND	ND	3	21	3	ND	66
84-TR-243C	.1	4.31	4	ND	34	ND	.08	.1	6	14	19	3.65	.31	.46	348	ND	.12	3	.05	13	ND	ND	ND	5	9	2	ND	44
84-TR-244C	.1	3.87	1	ND	35	ND	.06	.1	6	13	14	3.91	.23	.41	318	ND	.09	2	.08	11	ND	ND	ND	5	7	ND	ND	49
84-TR-245C	.1	5.45	ND	ND	35	ND	.06	.1	5	14	14	3.66	.26	.39	253	ND	.11	2	.06	11	ND	ND	ND	4	7	1	ND	43

CLIENT: TOM RICHARDS JOB#: 85037 PROJECT:

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
84-BH-122	.1	.68	1	ND	16	ND	6.43	.2	2	14	16	1.24	.01	.39	1109	ND	.16	ND	.02	25	ND	ND	ND	1	53	ND	ND	80
84-BH-123	.1	1.31	4	ND	14	ND	15.88	.5	7	26	48	2.33	.01	.86	2165	ND	.22	125	.03	21	ND	ND	2	ND	139	ND	ND	79
84-BH-124F	4.4	.45	15	ND	15	ND	.26	.3	2	52	5	1.18	.21	.29	303	115	.01	4	.01	37	ND	ND	3	1	3	ND	ND	50
84-BH-125R	1.8	.27	14	ND	17	1	.16	.2	2	141	17	.68	.46	.14	191	15	.33	603	.01	30	ND	ND	2	1	2	5	ND	26
84-BH-126	.1	.61	11	ND	18	ND	27.47	.2	1	8	6	1.02	.01	.45	3177	1	.41	6	.01	15	ND	ND	3	ND	458	ND	ND	27
84-BH-127RF	.4	.31	10	ND	10	ND	.72	.5	2	67	3	1.42	.59	.18	271	1	.39	367	.04	15	ND	ND	1	1	15	7	ND	89
84-BH-128RF	2.7	.21	23	ND	12	ND	.13	.1	2	57	40	1.12	.24	.12	135	177	.02	9	.01	88	ND	ND	3	1	3	2	ND	27
84-BH-129	.1	1.92	ND	ND	106	ND	1.54	.4	13	27	45	5.21	.81	1.18	1335	2	.23	138	.09	17	ND	ND	3	1	40	9	ND	87
84-BH-130	2.5	.24	17	ND	18	ND	.05	.3	1	107	8	.72	.24	.11	306	25	.03	5	.01	19	ND	ND	2	1	1	2	2	14
84-BH-131	1.2	.54	36	ND	72	ND	.04	.1	3	117	10	1.12	.22	.31	296	103	.03	382	.01	28	ND	ND	1	1	2	ND	ND	32
84-BH-132	1.7	.48	51	ND	15	ND	.02	.3	2	94	14	1.22	.22	.21	337	21	.01	8	.01	17	ND	ND	2	ND	ND	ND	ND	23
84-BH-133F	2.2	1.06	44	ND	30	ND	.08	.3	4	107	14	1.91	.31	.51	605	36	.04	369	.04	21	ND	ND	3	1	1	ND	ND	56
84-BH-134	1.5	.56	170	ND	21	ND	.02	.8	3	105	9	1.74	.18	.33	258	37	.02	9	.01	22	ND	ND	3	1	ND	ND	ND	98
84-BH-135F	.6	.29	49	ND	17	1	.01	.3	4	215	6	1.04	.06	.14	225	18	.01	745	.01	18	ND	ND	1	1	ND	ND	ND	27
84-BH-136	2.4	1.18	97	ND	32	ND	.03	.6	7	95	95	2.37	.32	.53	469	17	.01	14	.01	29	ND	ND	3	2	1	ND	ND	100
84-BH-138	25.6	.42	3000	ND	38	ND	.02	.1	ND	53	267	19.62	.44	.12	112	26	.01	198	.01	135	ND	ND	22	1	5	ND	ND	20
84-BH-139	.6	1.25	68	ND	49	ND	.25	.2	7	49	10	3.44	.53	.65	913	1	.31	5	.11	15	ND	ND	3	2	7	4	ND	81
84-BH-140	.8	1.55	63	ND	30	ND	.11	.1	7	58	18	2.34	.35	.81	592	6	.15	225	.04	16	ND	ND	1	ND	2	ND	ND	49
84-BH-141	.4	.65	7	ND	35	1	.06	.1	2	62	17	.95	.34	.17	171	6	.11	4	.01	14	ND	ND	2	1	1	2	ND	41
84-BH-142	.1	1.66	1	ND	90	ND	.21	.3	11	119	44	4.17	.58	.57	1358	ND	.05	612	.09	13	ND	ND	3	2	4	1	ND	85
84-BH-143	.6	2.59	18	ND	25	ND	.13	.1	16	18	26	4.92	.31	1.78	1061	2	.01	12	.06	18	ND	ND	3	ND	5	ND	ND	99
84-BH-144R	.8	.97	435	ND	45	ND	.11	.1	7	80	16	3.15	.34	.54	648	493	.05	314	.03	36	ND	ND	9	ND	1	1	ND	51
84-BH-145	1.1	1.19	20	ND	81	ND	.11	.2	4	54	28	2.11	.39	.67	859	22	.12	7	.03	25	ND	ND	3	ND	3	ND	ND	58
84-BH-146	1.5	1.94	9	ND	29	ND	.19	.6	13	54	295	4.33	.42	1.28	1002	10	.05	207	.08	70	ND	ND	4	1	6	1	ND	106
84-BH-147	.8	2.04	52	ND	53	ND	.14	.1	11	36	28	3.98	.53	1.31	1043	27	.05	7	.06	27	ND	ND	6	1	5	3	ND	81
84-BH-148	3.2	.74	14	ND	22	ND	.05	1.3	6	156	115	1.76	.24	.49	523	10	.07	510	.02	504	ND	ND	3	1	3	2	ND	137
84-BH-149A	.5	1.47	82	ND	113	ND	.94	.2	4	63	16	1.73	.71	.41	460	195	.19	10	.01	47	ND	ND	4	ND	7	4	ND	43
84-BH-150	.4	1.32	50	ND	54	ND	.14	.1	9	102	19	2.63	.31	.86	793	37	.07	403	.03	25	ND	ND	2	ND	3	ND	ND	62
84-BH-151	.1	1.24	2797	ND	39	ND	1.13	.1	ND	38	5	4.74	.91	.07	92	2356	.09	5	.02	31	ND	ND	24	2	4	4	ND	11
84-BH-152	.4	.61	71	ND	28	ND	.07	.2	3	163	6	1.34	.11	.33	338	45	.05	573	.01	23	ND	ND	1	ND	2	ND	ND	59
84-BH-153	1.1	.35	23	ND	20	ND	.41	.1	ND	90	4	.44	.21	.03	156	126	.01	9	.01	19	ND	ND	1	ND	3	ND	ND	7
84-BH-154	.1	.73	8	ND	948	2	9.12	.1	ND	49	2	.27	.01	.05	77	5	.79	119	.01	23	ND	ND	2	6	44	ND	4	6
84-BH-155	2.1	.59	28	ND	32	ND	.19	.1	4	63	8	1.57	.11	.32	398	109	.01	4	.01	28	ND	ND	2	ND	2	ND	ND	30
84-BH-156	.8	.59	6	ND	31	1	.11	1.2	5	195	85	1.51	.07	.36	448	4	.03	606	.01	94	ND	ND	1	ND	3	ND	ND	86
84-BH-157	2.2	1.64	1	ND	34	ND	.11	1.7	10	31	(202)	4.06	.13	1.21	1169	3	.01	10	.05	143	ND	ND	2	ND	2	ND	ND	171
84-BH-158	3.2	.71	ND	ND	28	ND	.91	8.1	3	86	21	1.97	.31	.45	964	ND	.11	354	.03	518	ND	ND	ND	ND	20	ND	ND	313
84-BH-159	.8	.54	25	ND	34	ND	8.35	23.6	ND	44	22	.95	.01	.22	2636	4	.09	5	.01	319	ND	ND	1	ND	177	ND	ND	202
84-BH-160	.1	.61	2	ND	25	ND	.16	.8	7	204	45	1.17	.01	.55	1329	ND	.01	612	.01	13	ND	ND	ND	ND	5	ND	ND	20
84-BH-161	3.1	.66	5	ND	50	ND	.11	1.1	5	72	45	2.66	.14	.53	494	2	.01	3	.01	141	ND	ND	1	ND	4	ND	1	72

26.

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
84-BH-162	1.2	.53	11	ND	34	2	.06	.2	5	177	6	1.54	.41	.29	339	16	.16	632	.01	108	ND	ND	7	1	3	2	ND	49
84-BH-163	1.7	1.95	8	ND	39	1	.21	.3	14	43	13	4.01	.67	1.13	1129	4	.09	19	.08	23	ND	ND	5	2	4	2	ND	132
84-BH-164	.6	.99	18	ND	62	3	.21	.3	5	152	7	2.15	.65	.43	966	3	.11	521	.02	19	ND	ND	5	1	10	3	ND	45
84-BH-165	.6	1.02	11	ND	43	4	.26	.3	6	91	13	2.27	.54	.56	806	2	.14	10	.03	14	ND	ND	5	2	12	3	ND	57
84-BH-166	2.5	.29	12	ND	15	2	.05	.1	4	207	18	.56	.51	.11	136	15	.11	721	.01	25	ND	ND	5	1	1	3	2	13
84-BH-167	2.7	.57	18	ND	36	4	.06	.2	4	101	23	1.34	.53	.27	388	26	.12	15	.02	27	ND	ND	6	2	1	3	ND	27
84-BH-168	2.2	1.72	72	ND	31	ND	.23	.2	14	102	44	4.07	.75	1.17	781	15	.16	342	.05	24	ND	ND	7	2	3	4	ND	67
84-BH-169F	3.7	.41	33	ND	28	3	.04	.5	5	82	8	2.07	.63	.18	240	532	.11	12	.02	86	ND	ND	10	1	3	3	ND	40
84-BH-170	.6	2.61	15	ND	79	ND	4.64	.8	19	34	37	5.18	.89	2.02	1774	8	.31	142	.06	22	ND	ND	8	3	37	5	ND	97
84-BH-171	9.8	.27	26	25	6	ND	.21	13.1	16	56	42694	9.17	.67	.18	195	12	.09	11	.01	43	1	ND	ND	5	1	3	ND	ND
84-BH-172	.1	.98	3	ND	9	ND	3.96	.2	2	102	419	1.75	.34	.82	1093	2	.16	301	.01	8	ND	ND	ND	1	44	ND	ND	47
84-BH-173	.2	1.54	11	ND	58	ND	.56	.6	8	40	119	3.09	.51	.94	1026	4	.21	8	.07	14	ND	ND	3	2	9	1	ND	94
84-BH-174	.5	2.71	5	ND	97	ND	.71	3.2	39	45	256	6.81	.64	1.47	1306	1	.04	184	.07	22	ND	ND	3	3	14	ND	ND	100
84-BH-175	.5	.83	4	ND	15	ND	1.93	.4	7	24	74	2.55	.73	.38	630	1	.35	3	.08	10	ND	ND	2	2	10	2	1	46
84-BH-176	.3	1.83	ND	ND	40	2	.61	.2	9	42	34	3.64	.75	.87	874	2	.27	169	.15	21	ND	ND	2	5	10	1	ND	94
84-BH-177	28.2	.42	5	ND	15	ND	2.59	.1	3	53	408	.86	.65	.21	325	1	.14	3	.01	14	ND	ND	1	2	9	2	1	24
84-BH-178	7.4	.44	662	ND	13	ND	.08	.4	72	62	2231	23.97	.61	.22	223	1	.01	205	.01	130	1	ND	2	5	1	ND	ND	16
84-BH-179	.1	.22	15	ND	10	ND	5.37	.1	3	57	73	.91	.27	.08	528	1	.32	5	.01	9	ND	ND	1	1	25	ND	2	12
84-BH-180	1.1	1.25	21	ND	48	1	.64	.6	9	72	519	2.63	.52	.63	670	28	.11	287	.05	62	ND	ND	3	2	10	1	ND	84
84-BH-180A	.1	1.21	8	ND	21	ND	26.64	5.5	19	5	ND	4.58	.01	1.55	5547	1	.22	8	.01	28	ND	ND	5	1	275	ND	ND	376
84-BH-181	.2	2.51	23	ND	51	ND	.31	.1	15	33	127	4.49	.43	1.85	1354	1	.15	111	.06	15	ND	ND	3	1	9	ND	ND	107
84-BH-183	.1	1.14	4	ND	27	ND	14.89	3.7	14	5	37	3.29	.01	1.25	3282	1	.22	7	.01	42	ND	ND	4	1	181	ND	ND	240
84-BH-184	1.2	2.41	2034	ND	39	ND	.52	.1	19	39	64	12.25	.73	1.95	1355	6	.04	106	.06	29	2	ND	13	6	23	2	ND	95
84-BH-185	7.6	2.88	36	ND	95	ND	.19	.5	12	21	20955	5.81	.66	1.14	1412	1	.21	8	.05	14	1	ND	3	3	6	1	ND	90
84-BH-186	.1	3.56	13	ND	110	ND	22.33	2.5	21	26	327	6.45	.01	2.61	6864	ND	.33	19	.02	31	ND	ND	5	ND	364	ND	ND	174
85-BH-187	.1	2.67	ND	ND	54	ND	7.52	.1	21	75	713	4.35	.01	2.44	1909	ND	.14	22	.04	14	ND	ND	2	1	45	ND	ND	75
84-BH-188	.1	2.62	30	ND	82	ND	.47	.1	18	30	38	6.48	.68	1.05	742	2	.01	93	.06	21	ND	ND	4	2	12	1	ND	79
84-BH-189A	3.9	1.79	475	ND	21	ND	.09	2.5	45	40	10578	18.26	.61	.73	555	5	.01	7	.03	112	2	ND	4	4	2	ND	ND	73
84-BH-190	1.7	.88	74	ND	29	ND	.13	.3	19	61	1229	5.27	.52	.35	302	2	.14	275	.04	102	ND	ND	4	3	5	1	ND	42
84-BH-191	.3	.51	11	ND	27	ND	1.88	2.5	7	59	451	1.61	.51	.21	383	1	.06	8	.02	140	ND	ND	2	ND	14	ND	1	24
84-BH-193	.2	1.84	30	ND	31	ND	.21	.4	9	32	27	4.34	.43	.95	1119	2	.01	136	.12	23	ND	ND	4	ND	3	ND	ND	94
84-BH-194	1.1	1.09	50	ND	32	ND	.06	.5	4	23	6	2.69	.23	.72	715	6	.05	4	.05	40	ND	ND	3	ND	2	ND	ND	102
84-BH-197	.8	.45	18	ND	26	1	.25	.1	5	152	17	1.04	.24	.24	273	90	.02	583	.02	14	ND	ND	3	ND	5	ND	2	29
84-BH-199	.8	2.33	615	ND	7	ND	.41	.1	18	29	28	7.19	.26	1.59	1089	3	.04	13	.07	26	1	ND	16	15	19	ND	ND	96
84-BH-200	.2	1.39	50	ND	36	ND	.91	.4	14	152	19	2.83	.53	.96	691	23	.05	478	.06	22	ND	ND	3	3	29	ND	ND	101
84-BH-202	.1	1.64	ND	ND	181	ND	.31	.3	4	36	17	4.63	.37	1.08	931	1	.23	9	.07	17	ND	ND	3	1	[illegible]	ND	ND	197
84-BH-203	6.4	1.21	230	ND	13	ND	.24	5.5	33	93	18947	13.21	.41	.52	472	3	.01	398	.04	89	1	ND	1	3	11	ND	ND	23
84-BH-204	5.5	1.24	18	6	40	ND	3.76	85.4	13	67	1948	2.98	.46	.86	989	3	.09	11	.02	281	ND	ND	3	1	86	ND	1	54
84-TR-171R	.1	1.12	21	ND	49	1	.19	1.7	7	114	111	2.01	.31	.59	648	11	.04	417	.04	18	ND	ND	3	11	6	ND	ND	58

CLIENT: TOM RICHARDS JOB#: 85037 PROJECT:

SAMPLE NAME	AG	AL	AS	AU	BA	BI	CA	CD	CO	CR	CU	FE	K	MG	MN	MO	NA	NI	P	PB	PD	PT	SB	SN	SR	U	W	ZN
	PPM	%	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	%	%	%	PPM	PPM	%	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
84-TR-172	.1	.91	37	ND	35	ND	.13	.8	5	136	45	2.14	.17	.51	645	13	.02	12	.02	17	ND	ND	2	1	5	ND	ND	34
84-TR-173R	.1	1.41	30	ND	55	ND	.23	.1	7	78	28	2.55	.29	.81	763	13	.07	314	.07	14	ND	ND	2	ND	6	ND	ND	59
84-TR-174	.1	.41	11	ND	22	ND	.19	.1	4	170	14	.94	.01	.22	367	24	.01	639	.01	6	ND	ND	ND	1	2	ND	ND	17
84-TR-175	.1	.01	4	ND	8	ND	.01	.1	ND	77	4	.25	.01	.01	91	29	.01	12	.01	14	ND	ND	ND	ND	1	ND	ND	11
84-TR-176	.1	.69	9	ND	26	ND	.04	.2	4	192	13	1.33	.09	.27	374	2	.01	617	.01	8	ND	ND	1	ND	1	ND	ND	36
84-TR-177	4.1	1.41	58	ND	28	ND	.07	.1	5	166	22	2.72	.14	.61	597	132	.01	15	.03	28	ND	ND	2	ND	2	ND	ND	46
84-TR-178R	1.7	.77	27	ND	79	ND	.05	.3	7	345	27	1.45	.12	.24	887	16	.07	1105	.01	15	ND	ND	2	1	2	ND	ND	20
84-TR-179	1.5	.76	132	ND	22	ND	.02	.5	5	123	22	1.92	.01	.41	319	31	.01	20	.01	27	ND	ND	2	ND	1	ND	ND	91
84-TR-181	.6	2.75	99	ND	63	ND	.11	.5	19	133	100	5.21	.21	1.67	895	22	.01	476	.03	25	ND	ND	1	ND	3	ND	ND	171
84-TR-182R	.1	.16	4	ND	7	ND	.02	.1	ND	126	5	.49	.01	.03	103	2	.01	11	.01	7	ND	ND	ND	ND	1	ND	ND	7
84-TR-183	.1	1.19	1	ND	68	ND	.05	.1	4	99	17	2.02	.33	.46	397	9	.01	418	.02	11	ND	ND	1	1	3	ND	ND	45
84-TR-184	.3	.71	20	ND	48	ND	.08	.2	6	171	36	2.03	.17	.42	748	19	.02	6	.02	23	ND	ND	3	1	4	ND	ND	41
84-TR-185	.4	1.48	30	ND	71	ND	.21	.1	11	173	55	3.35	.34	.88	876	21	.06	596	.05	23	ND	ND	3	1	5	ND	ND	58
84-TR-186	.1	1.79	712	ND	123	ND	1.24	.1	1	88	6	2.37	.94	.21	277	283	.54	9	.03	11	ND	ND	15	ND	23	ND	ND	26
84-TR-187	.1	.98	867	ND	93	2	2.29	.1	2	146	4	1.75	.96	.05	72	1020	.29	491	.01	13	ND	ND	22	1	25	5	3	13
84-TR-189	26.7	1.46	455	ND	18	ND	.16	.1	9	61	22	3.91	.43	1.04	612	1540	.01	9	.03	51	ND	ND	11	1	3	ND	ND	57
84-TR-190	.8	.28	22	ND	15	2	.03	.6	4	237	18	.66	.12	.15	206	34	.03	801	.01	51	ND	ND	2	12	1	ND	4	38
84-TR-191	.6	1.16	11	ND	59	ND	5.85	16.2	3	73	52	2.21	.41	.67	1614	18	.25	14	.05	233	ND	ND	2	ND	176	ND	ND	467
84-TR-192	2.5	.26	6	ND	19	ND	14.08	10.1	4	110	19	1.56	.01	.21	3852	3	.25	336	.01	238	ND	ND	3	ND	364	ND	ND	405
84-TR-193	.8	.84	15	ND	45	ND	.36	.6	5	137	27	2.36	.34	.47	555	17	.05	12	.02	26	ND	ND	3	2	13	ND	ND	58
84-TR-194	.4	2.18	6	ND	59	ND	.23	2.2	13	37	68	5.17	.36	1.23	1569	6	.03	13	.06	59	ND	ND	5	2	8	ND	ND	149
84-TR-195	3.1	1.94	39	ND	73	ND	.17	.6	13	68	13	4.56	.31	1.27	1108	25	.01	225	.04	121	ND	ND	8	2	7	2	ND	91
84-TR-197R	.1	1.51	3	ND	41	ND	.25	1.5	5	62	16	2.49	.46	.86	948	3	.27	7	.05	81	ND	ND	3	2	12	1	ND	167
84-TR-198	.8	.85	36	ND	82	ND	.16	.2	12	163	46	3.52	.46	.35	713	8	.06	547	.02	28	ND	ND	5	4	7	ND	1	44
84-TR-199	.8	1.12	37	ND	44	ND	.11	.1	6	101	60	2.86	.29	.56	668	42	.06	11	.03	55	ND	ND	4	3	3	ND	ND	47
84-TR-200	.2	1.41	4	ND	47	ND	.67	.1	14	397	24	2.07	.28	1.25	526	5	.01	1249	.01	13	ND	ND	3	2	13	ND	ND	33
84-TR-201	.1	1.44	5	ND	57	ND	3.31	.4	7	93	9	3.01	.61	1.09	1481	1	.06	19	.04	25	ND	ND	2	2	44	2	ND	96
84-TR-202	4.5	1.21	17	ND	47	ND	.13	.2	8	170	23	2.46	.17	.77	770	108	.04	602	.02	45	ND	ND	6	3	4	ND	ND	73
84-TR-203	3.4	1.41	93	ND	33	ND	.13	.1	15	76	20	3.92	.28	.74	997	122	.01	20	.03	25	ND	ND	5	3	3	ND	ND	60
84-TR-204	.6	.45	12	ND	26	ND	.08	.1	4	97	11	1.11	.21	.21	295	38	.05	467	.02	20	ND	ND	2	1	2	ND	ND	24
84-TR-205	2.2	1.33	30	ND	122	ND	.09	.1	5	36	13	2.17	.77	.31	259	193	.04	6	.06	38	ND	ND	4	2	2	ND	ND	29
84-TR-206	2.5	.86	12	ND	24	ND	.19	.1	7	140	5	1.71	.43	.41	475	99	.09	580	.03	28	ND	ND	3	2	3	3	ND	39
84-TR-207	2.2	.86	14	ND	28	1	.75	.3	5	75	9	1.86	.53	.22	478	48	.16	16	.05	34	ND	ND	3	2	6	2	ND	45
84-TR-208	.5	1.03	2	ND	40	ND	.91	.1	6	233	7	1.61	.53	.51	823	13	.08	799	.02	12	ND	ND	3	1	12	1	ND	41
84-TR-209	.6	1.11	12	ND	40	ND	.46	.3	4	92	13	2.08	.48	.33	733	17	.24	15	.05	30	ND	ND	2	2	6	1	ND	41
84-TR-210	.1	.62	8	ND	28	1	.06	.1	4	168	9	1.14	.16	.21	287	8	.05	667	.02	17	ND	ND	2	1	1	ND	ND	25
84-TR-211	.8	1.48	5	ND	51	ND	.07	.1	12	128	33	3.43	.27	.88	1027	2	.04	15	.02	73	ND	ND	4	2	3	ND	ND	114
84-TR-212	1.7	1.99	8	ND	45	ND	.11	.6	17	110	42	5.65	.17	1.29	1375	2	.01	390	.05	284	ND	ND	5	1	4	ND	ND	173
84-TR-213	.1	1.63	7	ND	59	ND	.13	.3	6	59	16	2.45	.38	.69	624	1	.08	7	.02	14	ND	ND	2	1	5	ND	ND	58

CLIENT: TOM RICHARDS JOB#: 85037 PROJECT:

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SN PPM	SR PPM	U PPM	W PPM	ZN PPM
84-TR-214	1.5	.56	16	ND	18	1	.07	.1	5	139	7	1.63	.17	.31	292	95	.01	584	.02	28	ND	ND	3	ND	2	ND	ND	29
84-TR-215	.6	.91	11	ND	44	ND	.12	.2	6	90	6	2.57	.19	.56	737	26	.01	16	.02	38	ND	ND	4	1	5	ND	ND	45
84-TR-216R	12.6	.68	33	ND	61	ND	.12	.4	7	237	13	2.61	.39	.31	280	473	.01	836	.07	(150)	ND	ND	8	1	11	ND	2	44
84-TR-217R	1.8	.92	18	ND	35	ND	.08	.6	7	106	66	3.28	.31	.48	485	71	.01	15	.03	116	ND	ND	5	15	4	ND	ND	91
84-TR-218	.5	1.84	3	ND	40	5	6.66	.1	13	60	15	2.33	.18	1.07	953	4	.23	240	.02	16	ND	ND	4	8	75	ND	ND	49
84-TR-219	1.3	.47	22	ND	110	ND	.13	2.2	5	90	9	1.57	.35	.21	1546	8	.18	6	.03	33	ND	ND	2	2	6	1	3	159
84-TR-220	.1	.58	16	ND	30	2	.09	.1	5	100	2	1.11	.21	.23	227	16	.01	367	.02	28	ND	ND	1	1	2	ND	2	58
84-TR-225F	2.2	.02	1085	ND	29	ND	.01	.1	ND	79	3	1.58	.11	.01	38	8	.01	7	.01	12	ND	ND	91	1	1	ND	2	5
84-TR-226	.6	.61	133	ND	53	ND	.03	.1	3	115	28	5.54	.15	.25	349	4	.02	390	.07	52	ND	ND	4	2	5	ND	ND	28
84-TR-230	.6	.62	41	ND	169	ND	.04	.2	3	63	5	2.21	.17	.26	711	30	.01	7	.03	17	ND	ND	3	1	2	ND	1	33
84-TR-231	.1	.48	7	ND	40	ND	.01	.2	2	139	5	1.94	.23	.09	284	13	.05	507	.03	15	ND	ND	2	ND	2	ND	ND	23
84-TR-232	.6	.57	5	ND	678	ND	.01	.2	1	91	5	2.61	.25	.15	267	15	.05	8	.02	26	ND	ND	3	1	5	ND	ND	23
84-TR-234	.6	.71	14	ND	26	ND	1.18	.1	26	115	33	5.13	.61	.91	1402	2	.01	404	.02	19	ND	ND	4	1	35	1	ND	79
84-TR-236	.1	.64	22	ND	75	ND	.08	.4	2	70	8	1.12	.39	.04	117	25	.07	9	.03	33	ND	ND	5	ND	4	ND	ND	67
84-TR-237	.1	.28	15	ND	18	ND	6.39	.1	16	51	25	3.45	.35	1.54	2246	1	.13	185	.01	38	ND	ND	4	ND	169	ND	ND	92
84-TR-238	.2	.25	17	ND	9	ND	1.43	.2	11	18	7	3.08	.53	.63	1518	20	.09	12	.04	12	ND	ND	2	ND	23	1	ND	89
NO NUMBER	.8	2.21	22	ND	47	ND	.14	.1	22	85	82	6.73	.31	1.33	1152	24	.11	309	.06	18	ND	ND	4	1	7	ND	ND	140

29

Figure 1
Geochemical Anomaly Map:
Gold-Silver: Rock-silt-~~soil~~ samples:
COLES CLAIMS; Omineca M.D.
Whitesail Lake map-Area

NUSPAR RESOURCES Ltd.,

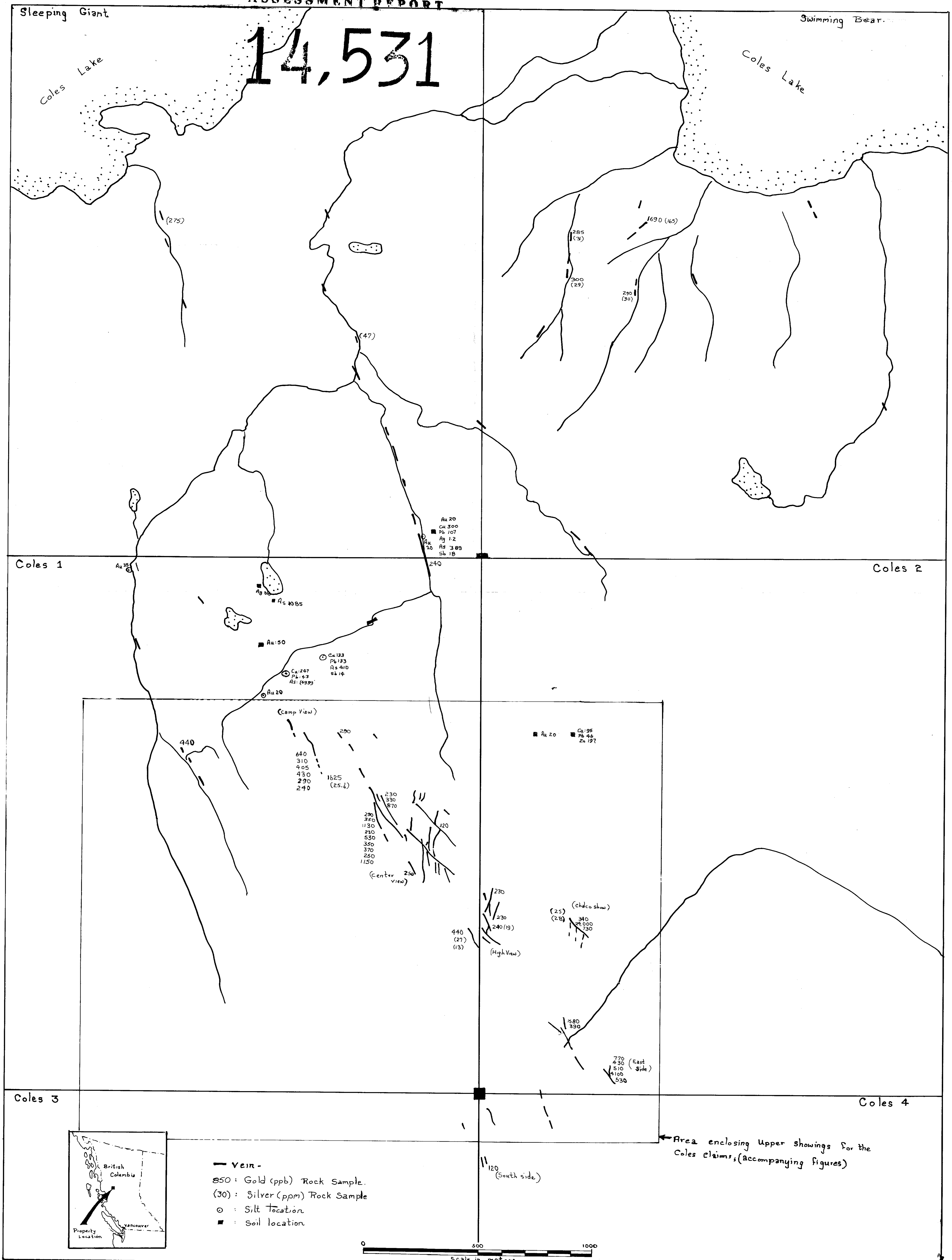

FIGURE 2

Coles Claims, Upper Showings:

Sample Sites; 1984

Whitesail Lake Map-area (93E/6), Omineca M.D.

Nuspar Resources Ltd.,

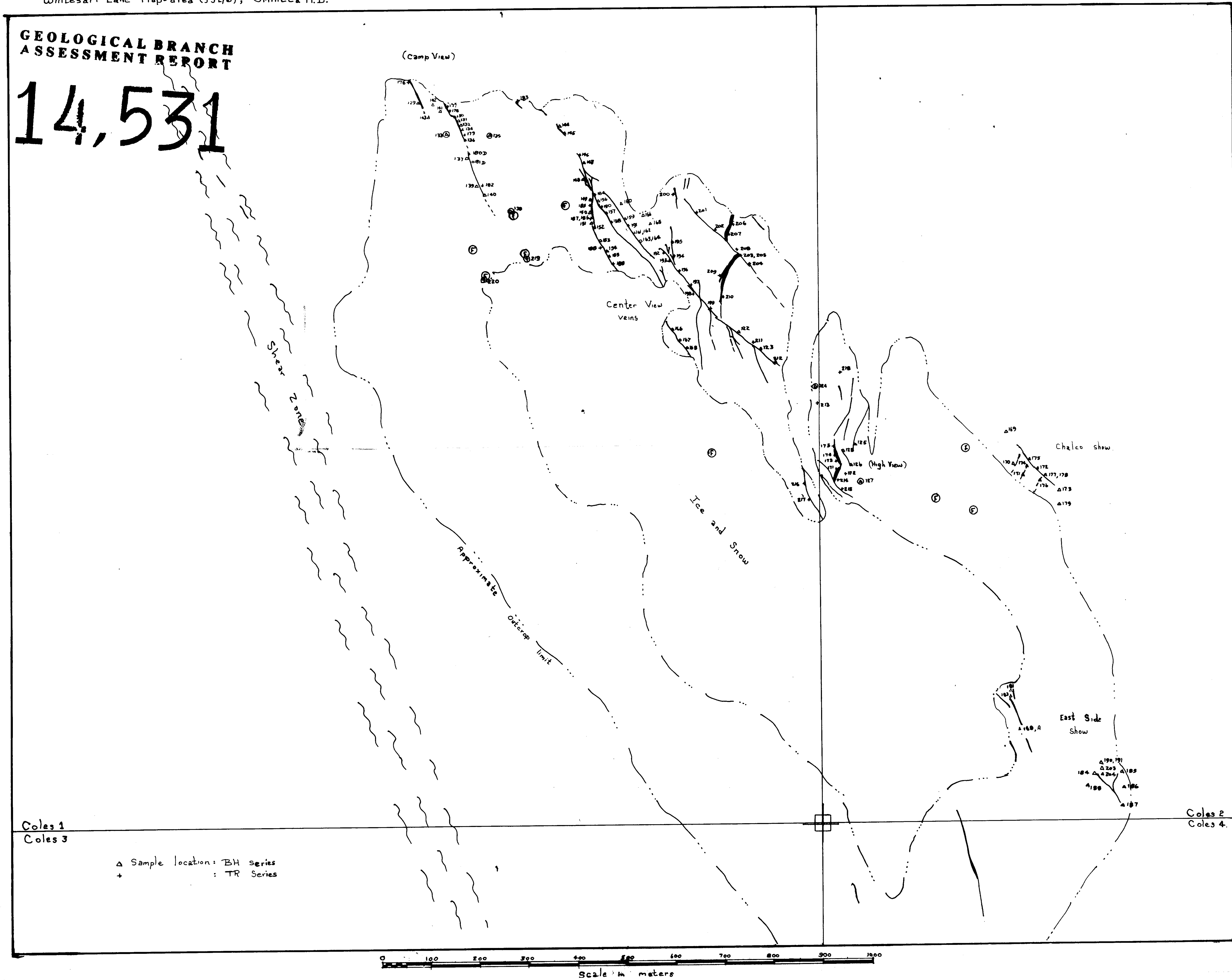

FIGURE 3

Coles Claims; Upper Showings.

Gold Geochemistry: Rock Samples, in ppb (1984 samples)

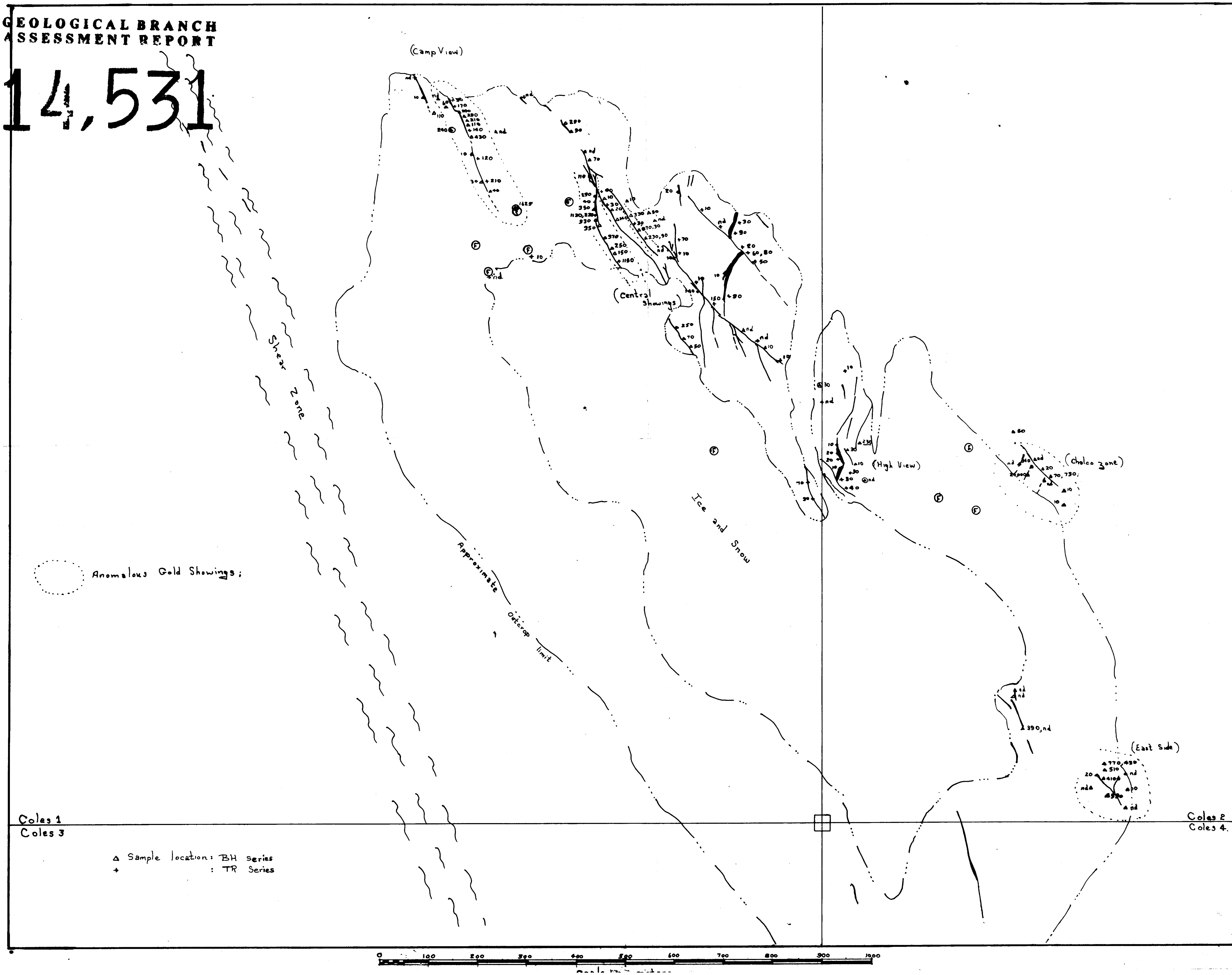

FIGURE 4

Coles Claims; Upper Showings:

Silver Geochemistry; Rock Samples; in ppm: