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I.M. WATSON & ASSOCIATES LTD.

Geological and Geochemical Report

on the

MICKEY-FINN GROUP

Nicola Mining Divisions
Aspen Grove Area, British Columbia
Latitude 49°54'; Longitude 120°34'
NTS 92H/15E

For:

VANCO EXPLORATIONS LIMITED
4600 Toronto Dominion Centre
Toronto, Ontario

By:

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October 1, 1985

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MICKEY-FINN GROUP

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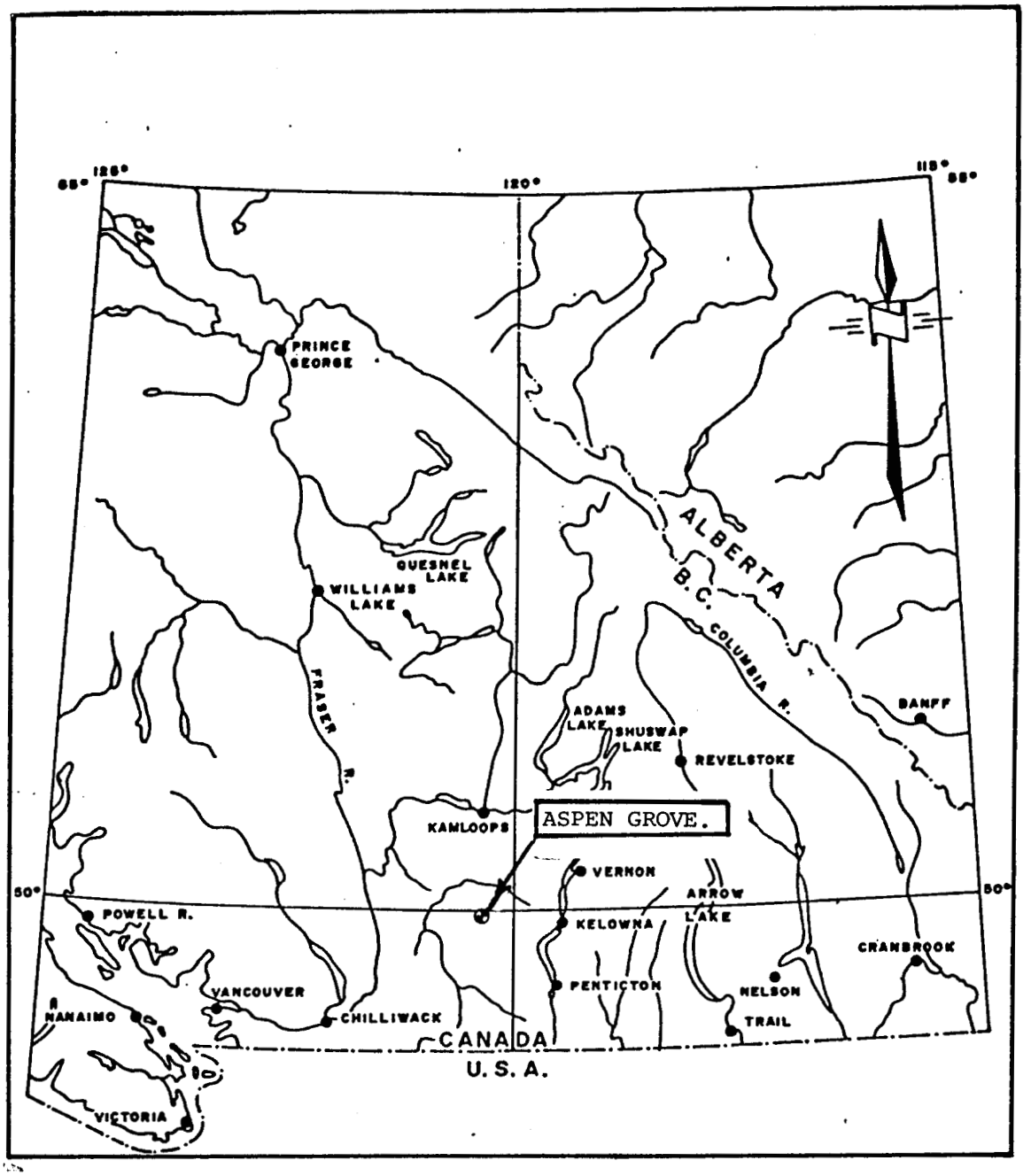


Figure 1:

Vanco Explorations Limited

LOCATION MAP - MICKEY-FINN GROUP

Scale: 1 cm. approx. 40.5 km.

August, 1985

L. M. Watson & Associates Ltd.

INTRODUCTION

During the period May 29 to August 17, 1985, I.M. Watson and Associates Limited carried out a reconnaissance geological and geochemical program in the Aspen Grove area of south central British Columbia. The work was performed on a large number of claims, including the Mickey and Finn claims, which together formed the Vanco Aspen Grove Project.

The Nicola Belt of the Aspen Grove area is geologically and geochemically similar to the more northerly Quesnel Belt of the Cariboo District. Both areas contain important alkalic-type porphyry copper-gold deposits including Afton, Copper Mountain and Cariboo Bell, and both host a significant number of spatially related gold deposits.

Exploration of the Mickey and Finn claims was directed to the re-examination of precious metal and related trace element content of known showings and other targets of interest.

The program was completed by a crew of five men on the dates noted in appendix 1 accompanying this report. The data collected during the program is discussed in the report and shown on accompanying maps and plans.

PROPERTY

The property described in this report comprises two modified grid claims aggregating 10 units. The Mickey claim was located 2 units east and three units north, and the Finn claim, 2 units north and two units west of a common Legal Corner Post.

Claim	Units	Record No.	Record Date	Mining Division
Mickey	6	1554	August 31, 1984	Nicola
Finn	4	1555	August 31, 1984	Nicola

An undefined area near the northeast corner of the Mickey claim may overlap on the Alleyne-Kentucky Lake recreational reserve.

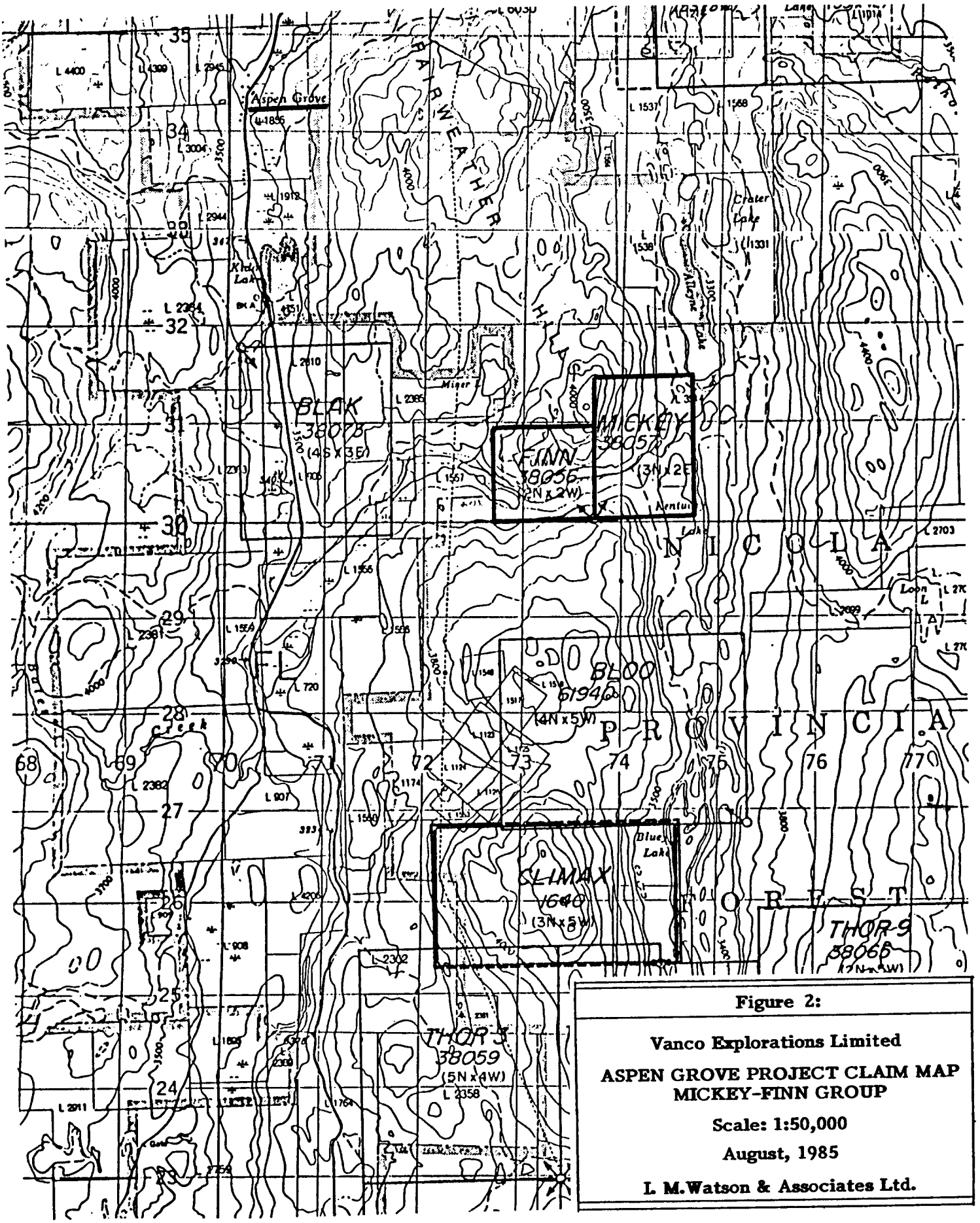


Figure 2:

Vanco Explorations Limited

ASPEN GROVE PROJECT CLAIM MAP
MICKEY-FINN GROUP

Scale: 1:50,000

August, 1985

I. M.Watson & Associates Ltd.

LOCATION AND ACCESS

The Mickey and Finn claims are about 27 kilometres southeast of Merritt, British Columbia at approximate coordinates, Latitude 49° 44', Longitude 120° 34' and NTS 92H/15E.

The claims straddle a northeasterly trending all-weather gravel road that connects the Merritt-Princeton highway to the Kentucky-Alleyne Lake recreation area to the east. Access to the northern claim area is by the Miner Lake four-wheel drive road that leaves the all-weather road about a kilometre east of highway 5.

PHYSIOGRAPHY

The Mickey and Finn claims are situated on the southern part of the Thompson Plateau, in an area marked by gentle to moderate relief and by locally steep precipeteous bluffs. The bluffs occur mainly on the south facing slope of a northwest trending valley that connects the main highway to the Kentucky-Alleyne Lake area to the east.

Elevation ranges from 1036 to 1220 metres above sea-level. The lower slopes are grassy or sparsely timbered with fir, pine, spruce and poplar. The upper slopes are more heavily timbered and some areas have been logged.

HISTORY

Early exploration near Aspen Grove was directed to the numerous copper occurrences in the Nicola Volcanics. This work, mainly in the 1900 to 1930 period, included pits, trenches, short shafts and at the Big Kid and Cincinatti prospects, adits of 120 and 90 metres respectively.

During the 1960's and early 1970's, exploration was again revived with attention being directed to porphyry-type copper mineralization. This work resulted in the partial

definition of mineral concentrations at a number of properties including the 'Big Kid', 'Blue Jay' and 'Axe' prospects; however, under prevailing metal prices, none of the properties are economic.

In 1967, exploration work carried out on ground about 7 kilometres north of the Blak-Mickey-Finn claims yielded the following drill intercepts indicating a significant potential for gold mineralization in the area. (Watson, 1985.)

Au	Ag	Cu	Width
0.13 ozs	1.15 ozs	0.70%	165' - 175' (10')
0.15 ozs	0.48 ozs	0.20%	210' - 270' (60')
0.115 ozs	1.68 ozs	0.26%	310' - 320' (10')

A number of small hand dug prospect pits or shallow shafts are present near the northern boundary of the Finn claim. The workings appear to be those described for the 'Little Lottie' and Happy Jack prospects around the early part of the century, and partly investigate narrow skarny copper occurrences high on the bluffs in the northern part of the property.

A number of bulldozer trenches near the valley bottom on the Finn claim, and a number of bulldozer trenches in the vicinity of the northwest corner of the Mickey claim are believed to be related to the 1968 to 1970 period. Thoses trenches on the Mickey claim investigate older workings around the old Cincinatti copper prospects that also date to the early part of the century. This same area was subjected to extensive surface geological and geophysical surveys and diamond drilling in 1974. Ground EM surveys were completed on an area north of the Finn claim in 1978.

WORK PROGRAM

Previous work had shown the claim area to be underlain by flow and fragmental volcanic rocks of the Nicola Group Central belt; and by a small poorly exposed intrusion along the valley floor (Preto, 1979). The favourable calcareous sedimentary units had not been encountered.

Time constraints precluded detailed prospecting of fault structures crossing the intrusion, consequently much of the effort was directed to geological re-examination and sampling of known mineralization. A total of 18 large rock samples were collected from known showings, and from outcrops in the vicinity of anomalous soil geochemistry. Sixty-two soil samples were collected from contour traverses shown on Figure 5 accompanying this report.

REGIONAL GEOLOGY

The Aspen Grove area is underlain by volcanic and sedimentary rocks of the Nicola Group, and by remnants of Pleistocene basaltic flows. The Nicola Group, along with the Takla and Stuhini Groups further to the north, form a prominent northwesterly trending Cordilleran belt of volcanic rocks developed in part in an island arc environment between late Triassic and early Jurassic time.

Sections of the belt are intruded by a number of small complex alkalic plutons ranging from syeno gabbro to alkali syenite in composition. The plutonic rocks are mainly of the same composition as the volcanic rocks, and mark the sites of volcanic centres developed along major north and northwesterly fault zones. Extensive exploration has shown that the intruded areas host a distinct suite of Cordilleran porphyry copper deposits (Barr et al, 1976):

> "Characteristically, they are low molybdenum, gold bearing copper porphyry deposits and are distinct from quartz-bearing molybdenum rich copper porphyries commonly found in differentiated calc-alkaline batholiths. The deposits commonly occur in breccia zones within the plutons, and in zones of intense faulting, fracturing and alteration in the surrounding volcanics. Hydrothermal alteration is developed around the plutons and is characterized by a zone of potash feldspar and biotite succeeded outwards by chlorite, epidote, carbonate and albite (propylitic zone). Pyrite, chalcopyrite, bornite, chalcocite and pyrrhotite, in order of abundance, occur in all zones of alteration. A common association of magnetite with the alkalic intrusions provides a useful exploration guide."

More recent exploration has revealed a second type of deposit that is of economic interest mainly for gold content. Dome Mines Limited have partly defined a

mineralized zone at the QR deposit near Quesnel of about one million tons grading 0.20 ozs/ton gold. Laramide Resources Limited are actively re-examining the Aspen Grove property noted in the historical section of this report and are encouraged by results (Watson, 1985). Information on both of these properties is limited, however, a number of characteristics appear common.

1) Mineralization is near and is believed to be within the alteration halo adjacent to alkalic intrusions.

2) Volcanic-sedimentary contacts appear to be important.

3) A significant amount of carbonate is present, either in sedimentary strata, or in carbonatized volcanics.

4) A large amount of syngenetic or epigenetic pyrite, along with lesser base-metal sulphide, is present and provides strong I.P. targets.

5) Gold is present in propylitic altered zones at QR, and in propylitic-argillic altered zones and limy sediments with abundant quartz-carbonate stringers at Aspen Grove.

6) The gold mineralization appears to cross lithologic boundaries, and may have both stratigraphic and structural control.

7) The Aspen Grove Deposit is effectively masked by deep glacial drift, however, the QR deposit has an important geochemical signature for gold, copper and arsenic.

Figure 3A to this report provides a broad geological perspective to the Cordilleran belt, and shows the location of a number of the more important copper gold porphyries, and gold prospects within it.

GEOLOGY OF THE ASPEN GROVE AREA

The abundance of copper prospects near Aspen Grove promoted extensive geological studies that culminated in 1979 with the publication of Bulletin 69, 'Geology of the Nicola Group between Merritt and Princeton' by the British Columbia Ministry of Energy, Mines and Petroleum Resources. This work indicates that the geology of the area is dominated by the Allison Creek and Kentucky-Alleyne fault zones, two major northerly trending structures that provided the conduits and setting for a number of volcanic centres now partly marked by alkalic intrusives. (Fig. 3b)

These structures separate the Nicola Group into three distinct belts: a) a Central Belt of alkaline and calc-alkaline volcanic and intrusive rocks and minor sediments with which many of the copper prospects in the area are associated; b) an Eastern Belt of volcanic siltstone, sandstone, lahars, conglomerate, tuff; and alkaline flows that occur near monzonitic intrusives; and c) a Western Belt comprised of calc-alkaline flows that grades upwards to pyroclastic rocks, epiclastic sediments and limestone. Detailed mapping of the Nicola Group near Aspen Grove by Preto and others, has revealed the following lithologies:

1) **Central Belt**

1a) Reddish to green augite-plagioclase andesite and basalt flows. Local analcite-bearing trachybasalt.

1b) Autobrecciated equivalents of 1a.

1c) Red volcanic breccia and lahar deposits, mostly massive.

1d) Green volcanic breccia and lahar deposits, mostly massive.

1e) Crystal and lithic tuff, generally well bedded.

1f) Bedded to massive, grey, fossiliferous reefoid limestone and related calcareous sedimentary rocks.

1g) Well-bedded siltstone, sandstone, and argillite; minor gritstone and pebble conglomerate.

2) **Eastern Belt**

2a) Purple and grey, locally analcite-bearing, augite plagioclase trachyandesite and trachybasalt porphyry flows, and minor flow breccia.

2b) Reddish to greenish grey crystal-lithic and lapilli tuff.

2c) Volcanic sandstone and siltstone, minor tuff.

2d) Massive to crudely layered lahar deposits, minor conglomerate.

3) **Western Belt**

3a) Plagioclase andesite to dacite flows, minor breccia.

3b) Andesitic to dacitic breccia and tuff.

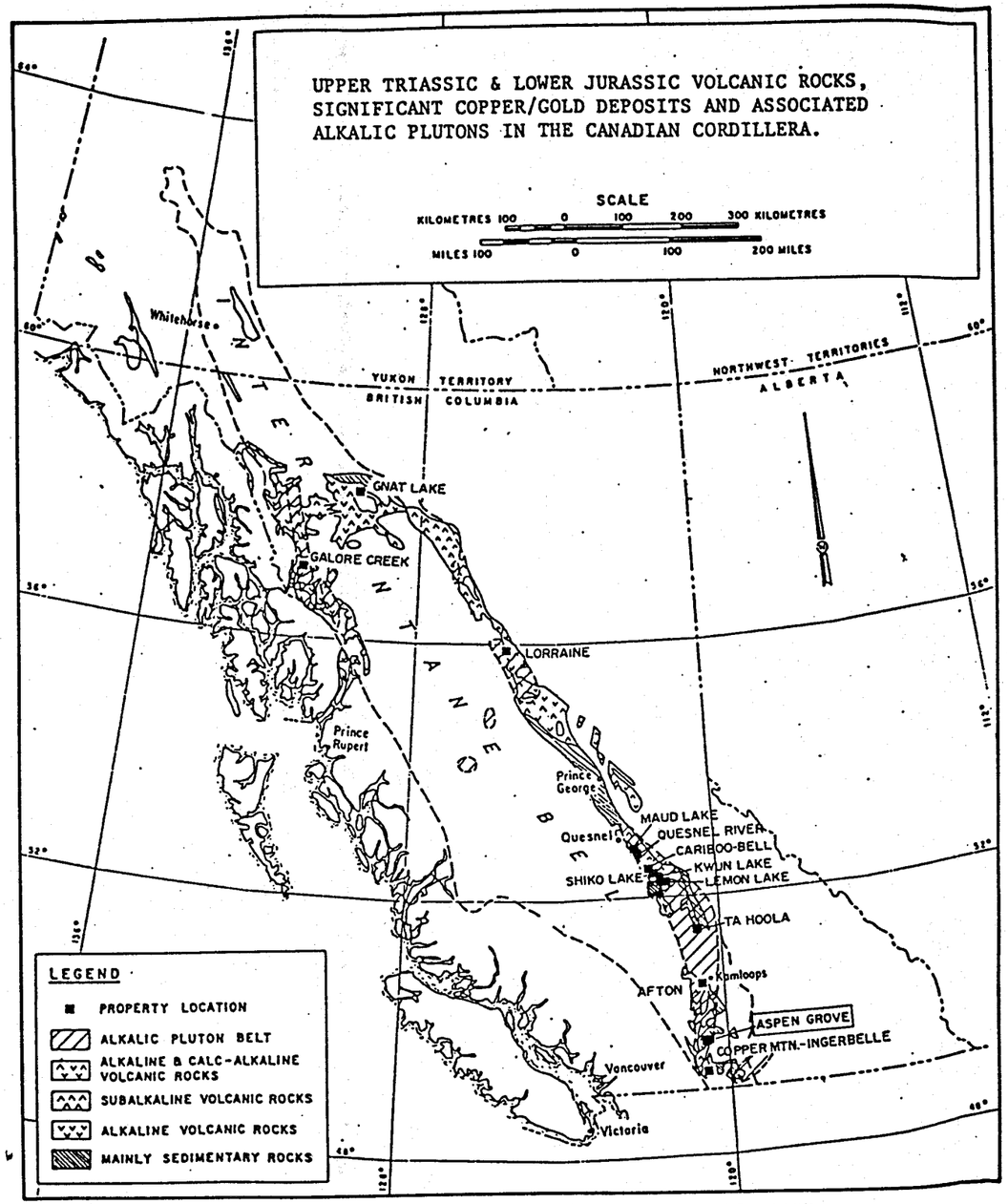
3c) Massive to cherty limestone, grey, commonly fossiliferous.

3d) Calcareous volcanic conglomerate, sandstone, siltstone and minor tuff and breccia.

This classification is used in this report. The more detailed legend of Figure 1 of Bulletin 69 is included as an aid to the reader.

The Mickey and Finn claims are underlain by Central Belt volcanic rocks that include basaltic and andesitic flows of unit 1a, and green or red laharic breccias of units 1c and 1d. A small dioritic intrusion is partly exposed near the valley bottom.

The structural pattern is similar to that of the Blak claim area to the west. The claim area is cut by strong northerly trending faults and by a number of short easterly trending cross faults.



Modified from D. A. Barr et al., C.I.M. Special Volume No. 15, 1976.

Figure 3a

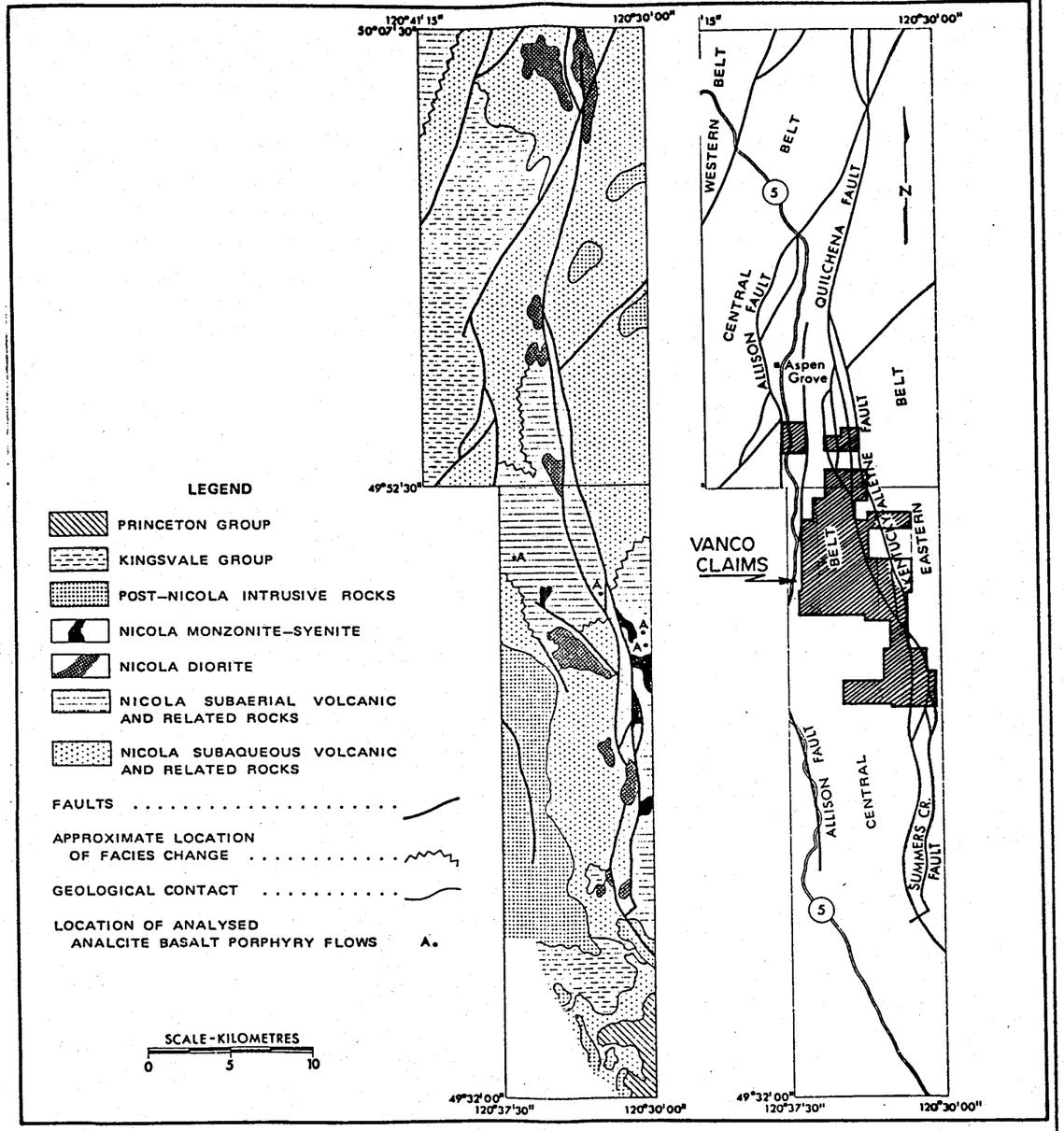


Figure 5. Generalized distribution of subaerial and subaqueous Nicola assemblages. Distribution of main faults.

Figure 3b:

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GENERALIZED GEOLOGY ASPEN GROVE AREA (After Preto 1979)

August, 1985

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Claim post
Trench
Adit
Shaft
Fault
Diorite
Outcrop

1c
1d
Mal, Az, Cc, Py, Cpy Bn
Mal
Cc
Py
Claim boundary
MICKEY
FINN
1a
Mal, Cc, Ep, Carb
56
4000
TRENCH AREA
Geological data in part after Lefebvre, 1974

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
J.G. LITTLE

VANCO EXPLORATIONS LTD.

ASPEN GROVE PROJECT NICOLA M.D.

MICKEY-FINN GROUP GEOLOGY

SCALE	DATE	BY	N.T.S. No	DWG. No.
1:5000	Aug/85	dlp T.E.L.	92H/15	4

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A number of copper prospects and showings are present within the claims and appear to be related to geological contacts or faults. These areas are commonly well fractured, locally altered, and contain malachite, chalcocite, chalcopyrite, bornite and locally magnetite. Mineralization at the 'Happy Jack' prospect is related to north-northeasterly striking veins and lenses of epidote with calcite, up to 0.5 metres wide, near a geological contact.

GEOCHEMICAL SURVEY

During the investigation of the Mickey and Finn claims, a total of 62 soil samples and 18 rock samples were collected. The local rugged topography made reconnaissance grid lines impractical, consequently all soils collected were either from 25 or 50 metre centres on contour traverses made at the 1100 and 1160 metre elevations (Figure 5).

All soil samples were dug with tree planters shovels from depths ranging to 35 centimetres. Attempts were made to sample 'B' horizon soils, however, in some areas, talus fines or 'C' horizon soils were taken.

Rock samples were collected from a number of shallow shafts near the northern border of the Finn claim thought to be the 'Happy Jack' prospect. The reason for Jack's happiness is not apparent. A number of more recent bulldozer trenches within and near the northwest corner of the Mickey claim were also sampled.

All samples were packaged in standard kraft soil envelopes, or 11 x 20 plastic sample bags appropriately marked with location. The samples were shipped to Acme Analytical Laboratory in Vancouver where they were dried, screened, and pulverized, or crushed and pulverized. The samples were analyzed for gold by AA and for Mo, Cu, Pb, Zn, Ag, As, Co, Sb, Ca, and W by ICP. The laboratory procedure is outlined on assay sheets accompanying this report.

MICKEY FINN GROUP			ASPEN GROVE PROJECT AREA		
A) Soils (62 samples)			(1131 samples)		
	Range		Range		Threshold
Au	1	- 95 ppb	1	- 95 ppb	10 ppb
Mo	1	- 1 ppm	1	- 14 ppm	3 ppm
Cu	26	- 714 ppm	5	- 1744 ppm	150 ppm
Pb	2	- 13 ppm	2	- 181 ppm	19 ppm
Zn	53	- 175 ppm	12	- 3781 ppm	165 ppm
Ag	0.1	- 0.4 ppm	0.1	- 7.4 ppm	0.6 ppm
Co	7	- 21 ppm	1	- 27 ppm	16 ppm
As	2	- 24 ppm	2	- 45 ppm	15 ppm
Ca	.61	- 3.47 %	.21	- 33.5 %	2.8 %
Sb	2	- 4 ppm	2	- 18 ppm	
W		1 ppm	1	- 35 ppm	

B) Rocks

	Range		Range	
Au	1	- 18 ppb	1	- 980 ppb
Mo	1	- 5 ppm	1	- 185 ppm
Cu	85	- 24,160 ppm	5	- 74,949 ppm
Pb	2	- 22 ppm	2	- 939 ppm
Zn	1	- 92 ppm	1	- 2308 ppm
Ag	0.1	- 5.7 ppm	0.1	- 177.4 ppm
Co	2	- 20 ppm	1	- 172 ppm
As	2	- 70 ppm	2	- 491 ppm
Ca	1.22	- 13.7 %	.1	- 29.48 %
Sb	2	- 12 ppm	2	- 51 ppm
W	1	- 13 ppm	1	- 13 ppm

Because of limited variation and generally narrow ranges, thresholds for antimony and tungsten were omitted

SAMPLE RESULTS

Geochemical data from the Mickey and Finn claims have been combined with analyses from other claims within the Vanco Aspen Grove Project to provide a broader and more meaningful base for determination of threshold/anomalous values.

Thresholds of interest have been established at the upper 2.5% of assay values, which in most cases coincide with inflection points on histogram curves signalling changes in value distribution.

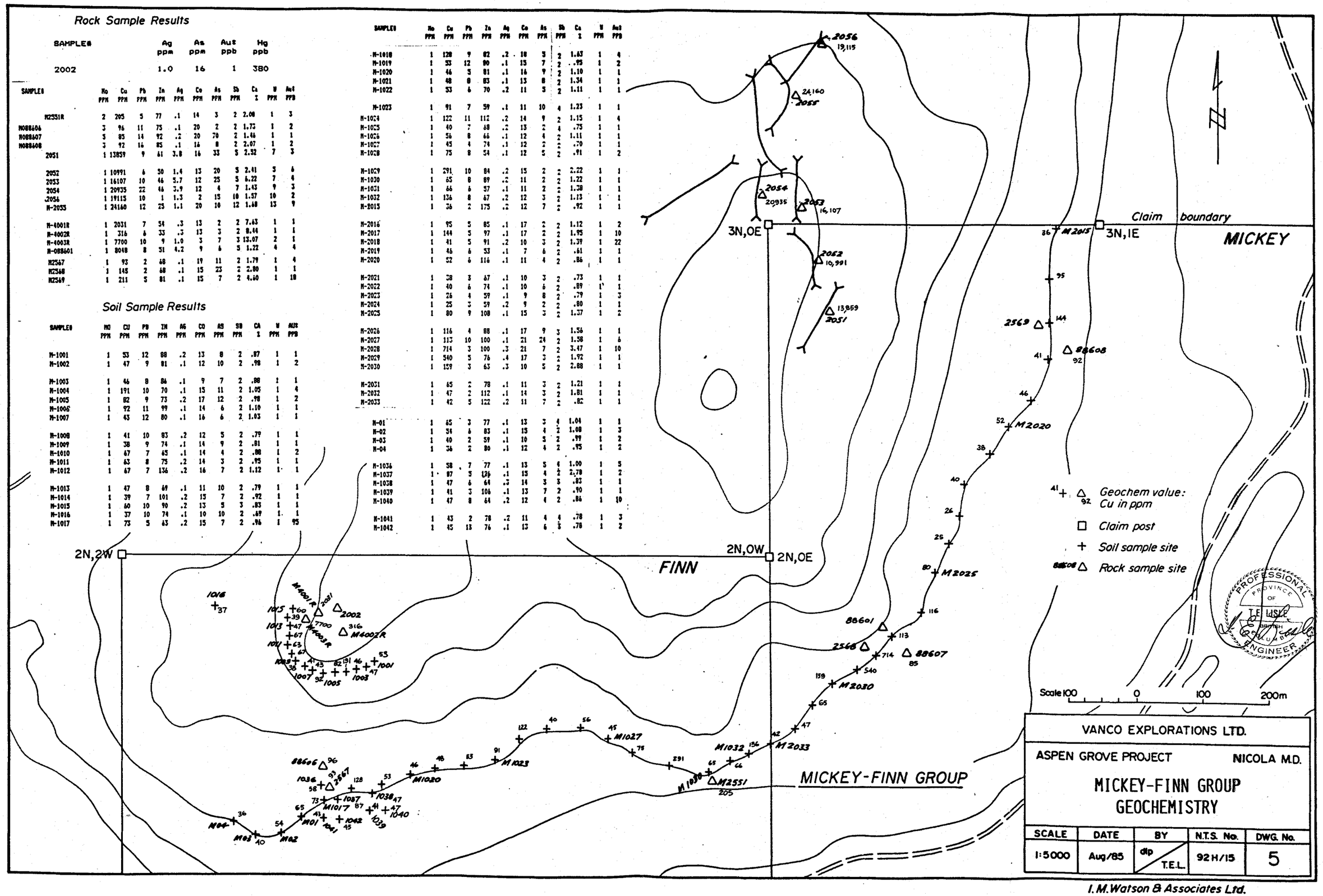
Rock Sample Results

SAMPLE#	Ag ppm	As ppm	Au* ppb	Hg ppb
2002	1.0	16	1	380

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Co PPM	As PPM	Sb PPM	Ca %	W PPM	Au* PPB
M2551R	2	205	5	77	.1	14	3	2	2.08	1	3
M088606	3	96	11	75	.1	20	2	2	1.73	1	2
M088607	5	85	14	92	.2	20	70	2	1.46	1	1
M088608	3	92	16	85	.1	16	8	2	2.07	1	2
2051	1	13859	9	61	3.8	16	33	5	2.32	7	3
2052	1	10991	6	50	1.4	13	20	5	2.41	5	6
2053	1	16107	10	46	5.7	12	25	5	6.22	7	4
2054	1	20935	22	46	3.9	12	4	7	1.43	9	3
2056	1	19115	10	1	1.3	2	15	10	1.57	10	2
M-2055	1	24160	12	25	1.1	20	10	12	1.68	13	9
M-4001R	1	2031	7	54	.3	13	2	2	7.43	1	1
M-4002R	1	316	6	33	.3	13	3	2	8.44	1	1
M-4003R	1	7700	10	9	1.0	3	7	3	13.07	2	1
M-088601	1	8048	8	51	4.2	9	6	5	1.22	4	4
M2567	1	93	2	68	.1	19	11	2	1.79	1	4
M2568	1	148	2	68	.1	15	23	2	2.80	1	1
M2569	1	211	5	81	.1	15	7	2	4.60	1	18

Soil Sample Results

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	CO PPM	AS PPM	SB PPM	CA %	W PPM	AU* PPB
M-1001	1	53	12	88	.2	13	8	2	.87	1	1
M-1002	1	47	9	81	.1	12	10	2	.98	1	2
M-1003	1	46	8	86	.1	9	7	2	.88	1	1
M-1004	1	191	10	70	.1	15	11	2	1.05	1	4
M-1005	1	82	9	73	.2	17	12	2	.98	1	2
M-1006	1	92	11	99	.1	14	6	2	1.10	1	1
M-1007	1	43	12	80	.1	16	6	2	1.03	1	1
M-1008	1	41	10	83	.2	12	5	2	.79	1	1
M-1009	1	38	9	74	.1	14	9	2	.81	1	1
M-1010	1	67	7	65	.1	14	4	2	.88	1	2
M-1011	1	63	8	75	.2	14	3	2	.95	1	1
M-1012	1	67	7	136	.2	16	7	2	1.12	1	1
M-1013	1	47	8	69	.1	11	10	2	.79	1	1
M-1014	1	39	7	101	.2	13	7	2	.92	1	1
M-1015	1	60	10	90	.2	13	5	3	.83	1	1
M-1016	1	37	10	74	.1	10	10	2	.69	1	1
M-1017	1	73	5	63	.2	15	7	2	.96	1	95
M-1018	1	128	9	82	.2	18	5	2	1.63	1	4
M-1019	1	53	12	90	.1	15	7	2	.95	1	2
M-1020	1	46	5	81	.1	16	9	2	1.10	1	1
M-1021	1	48	8	83	.1	13	8	2	1.34	1	1
M-1022	1	53	6	70	.2	11	5	2	1.11	1	1
M-1023	1	91	7	59	.1	11	10	4	1.23	1	1
M-1024	1	122	11	112	.2	14	9	2	1.15	1	4
M-1025	1	40	7	68	.2	13	2	4	.75	1	1
M-1026	1	56	8	66	.1	12	4	2	1.11	1	1
M-1027	1	45	4	74	.1	12	2	2	.70	1	1
M-1028	1	75	8	54	.1	12	5	2	.91	1	2
M-1029	1	291	10	84	.2	15	2	2	2.22	1	1
M-1030	1	65	8	89	.2	11	2	2	1.22	1	1
M-1031	1	66	6	57	.1	11	2	2	1.38	1	1
M-1032	1	136	8	67	.2	12	3	2	1.13	1	1
M-2015	1	36	2	175	.2	12	7	2	.92	1	1
M-2016	1	95	5	85	.1	17	2	2	1.12	1	2
M-2017	1	144	5	97	.1	17	2	2	1.95	1	10
M-2018	1	41	5	91	.2	10	3	2	1.39	1	22
M-2019	1	46	6	53	.1	7	6	2	.61	1	1
M-2020	1	52	6	116	.1	11	4	2	.86	1	1
M-2021	1	38	3	67	.1	10	3	2	.73	1	1
M-2022	1	40	6	74	.1	10	6	2	.89	1	1
M-2023	1	26	4	59	.1	9	8	2	.79	1	3
M-2024	1	25	3	59	.2	9	2	2	.80	1	1
M-2025	1	80	9	108	.1	15	3	2	1.37	1	2
M-2026	1	116	4	88	.1	17	9	3	1.56	1	1
M-2027	1	113	10	100	.1	21	24	2	1.58	1	6
M-2028	1	714	3	100	.3	21	7	2	3.47	1	10
M-2029	1	540	5	76	.4	17	3	2	1.92	1	1
M-2030	1	159	3	63	.3	10	5	2	2.88	1	1
M-2031	1	65	2	78	.1	11	3	2	1.21	1	1
M-2032	1	47	2	112	.1	14	3	2	1.81	1	1
M-2033	1	42	5	122	.2	11	7	2	.82	1	1
M-01	1	65	3	77	.1	13	3	4	1.04	1	1
M-02	1	54	6	83	.1	15	4	2	1.08	1	3
M-03	1	40	2	59	.1	10	5	2	.99	1	2
M-04	1	36	2	80	.1	12	4	2	.95	1	2
M-1036	1	58	7	77	.1	13	5	4	1.00	1	5
M-1037	1	87	5	126	.1	15	4	2	2.78	1	2
M-1038	1	47	6	64	.3	14	3	3	.83	1	1
M-1039	1	41	3	106	.1	13	7	2	.90	1	1
M-1040	1	47	8	64	.2	12	4	2	.84	1	10
M-1041	1	43	2	78	.2	11	4	4	.78	1	3
M-1042	1	45	13	76	.1	13	6	3	.78	1	2



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ASPEN GROVE PROJECT — NICOLA M.D.

MICKEY-FINN GROUP GEOCHEMISTRY

SCALE	DATE	BY	N.T.S. No.	DWG. No.
1:5000	Aug/85	dlp / T.E.L.	92H/15	5

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Much of the data generated during the geochemical part of this work plots within a narrow range for all elements with the following exceptions:

Sample No.		Sample No.		
M1017 -	95ppb gold	M2017 -	10ppb gold	
M2018 -	22ppb gold	M2028 -	10ppb gold,	714ppm Cu
M2029 -	540ppm Cu	M1040 -	10ppb gold	

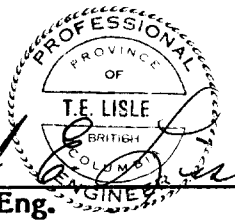
Limited follow-up geochemistry in these areas failed to reveal any significant mineralized zones.

Rock samples from some of the trenches yielded high copper assays, up to 5.7 ppm silver but low, (up to 18 ppm gold). Rock samples from the area of the old Cincinnati showings yielded 5 to 12 ppm antimony and 5 to 13 ppm tungsten. These results are not abnormally high but are certainly higher than other results in the project area.

CONCLUSIONS

The objectives of the reconnaissance exploration on the Mickey and Finn claims, i.e. re-examination of mineralized showings and specific targets of interest, has been completed. This work did not point to zones that warrant a high priority follow-up.

Some of the anomalous results noted above occur close to projected fault zones, a short distance from the dioritic intrusion. Detailed re-examination of these areas by prospecting and geological traverses should be completed in the further evaluation of the claims.



1 October 1985

T.E. Lisle, P.Eng.

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APPENDIX 1

Cost Statement

COST STATEMENT - MICKEY FINN CLAIM

Geological/Geochemical Reconnaissance - 1st June - 23rd August 1985:

Salaries:

a)	Field Work:			
	T. Archibald (Sampler/Prospector)			
	(June 4, 5)	1.5 days @ $110.00/day	$165.00	
	R. Gibbs (Sampler/Prospector)			
	(June 3, 4)	2.0 days @ $110.00/day	220.00	
	J. Randa (Foreman/Prospector)			
	(June 4, 5; July 18)	1.5 days @ $185.00/day	277.50	
	T.E. Lisle (Geologist)			
	June 3, 4)	1.5 days @ $250.00/day	375.00	
	I.M. Watson (Geologist)			
	(June 3, 4)	1.5 days @ $400.00/day	600.00	
b)	Report Preparation:			
	T.E. Lisle (Aug. 20, 21)	1.0 days @ $250.00/day	250.00	$ 1,887.50
Accommodation & Board*				214.00
Telephone & Freight*				23.20
Vehicle Rental, Fuel & Maintenance*				230.08
Equipment Rental*				
4 hand-held & 1 mobile radio telephone				51.68
Field Supplies*				80.64
Geochemcial Analyses				
10-element ICP & Au (AA)				
62 soils @ $9.36	580.32			
18 rocks @ $10.75	193.50			773.82
Drafting				
D.L. Phillips Drafting	3 hrs. @ $20.00/hr.			60.00
Reproduction, Copying*				50.00
			TOTAL	$ 3,370.92

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
T.E. LISLE

* Pro-rated costs.

APPENDIX 2

Qualifications

QUALIFICATIONS

The exploration program described in this report was carried out by the following personnel:

I. M. WATSON — Geologist, Member of the Association of Professional Engineers of British Columbia. In excess of 28 years experience in mining exploration in South Africa and Canada. Present occupation, Consulting Geologist.

T. E. LISLE — Geologist, Member of the Association of Professional Engineers of British Columbia. In excess of twenty years of experience in mining exploration in North America. Present occupation, Consulting Geologist.

J. H. RANDA — Prospector. In excess of twenty years experience in Canada and the United States.

R. GIBBS — Technician, Prospector. In excess of ten years exploration experience in eastern and western Canada.

E. ARCHIBALD — Technician, Prospector. In excess of ten years experience in mining exploration in western Canada.

APPENDIX 3

Assay Reports

SOIL.

I.M. WATSON PROJECT - VANCO ASPEN FILE # 85-0875

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Co ppm	As ppm	Sb ppm	Ca %	W ppm	Au* ppb
M-1024	1	122	11	112	.2	14	9	2	1.15	1	4
M-1025	1	40	7	68	.2	13	2	4	.75	1	1
M-1026	1	56	8	66	.1	12	4	2	1.11	1	1
M-1027	1	45	4	74	.1	12	2	2	.70	1	1
M-1028	1	75	8	54	.1	12	5	2	.91	1	2
M-1029	1	291	10	84	.2	15	2	2	2.22	1	1
M-1030	1	65	8	89	.2	11	2	2	1.22	1	1
M-1031	1	66	6	57	.1	11	2	2	1.38	1	1
M-1032	1	136	8	67	.2	12	3	2	1.13	1	1
M-2015	1	36	2	175	.2	12	7	2	.92	1	1
M-2016	1	95	5	85	.1	17	2	2	1.12	1	2
M-2017	1	144	5	97	.1	17	2	2	1.95	1	10
M-2018	1	41	5	91	.2	10	3	2	1.39	1	22
M-2019	1	46	6	53	.1	7	6	2	.61	1	1
M-2020	1	52	6	116	.1	11	4	2	.86	1	1
M-2021	1	38	3	67	.1	10	3	2	.73	1	1
M-2022	1	40	6	74	.1	10	6	2	.89	1	1
M-2023	1	26	4	59	.1	9	8	2	.79	1	3
M-2024	1	25	3	59	.2	9	2	2	.80	1	1
M-2025	1	80	9	108	.1	15	3	2	1.37	1	2
M-2026	1	116	4	88	.1	17	9	3	1.56	1	1
M-2027	1	113	10	100	.1	21	24	2	1.58	1	6
M-2028	1	714	3	100	.3	21	7	2	3.47	1	10
M-2029	1	540	5	76	.4	17	3	2	1.92	1	1
M-2030	1	159	3	63	.3	10	5	2	2.88	1	1
M-2031	1	65	2	78	.1	11	3	2	1.21	1	1
M-2032	1	47	2	112	.1	14	3	2	1.81	1	1
M-2033	1	42	5	122	.2	11	7	2	.82	1	1

I.M. WATSON & ASSOCIATES FILE # 85-1640

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Co PPM	As PPM	Ca %	Sb PPM	W PPM	Au* PPB
M-01	1	65	3	77	.1	13	3	1.04	4	1	1
M-02	1	54	6	83	.1	15	4	1.08	2	1	3
M-03	1	40	2	59	.1	10	5	.99	2	1	2
M-04	1	36	2	80	.1	12	4	.95	2	1	2
M-1036	1	58	7	77	.1	13	5	1.00	4	1	5
M-1037	1	87	5	126	.1	15	4	2.78	2	1	2
M-1038	1	47	6	64	.3	14	3	.83	3	1	1
M-1039	1	41	3	106	.1	13	7	.90	2	1	1
M-1040	1	47	8	64	.2	12	4	.86	2	1	10
M-1041	1	43	2	78	.2	11	4	.78	4	1	3
M-1042	1	45	13	76	.1	13	6	.78	3	1	2
STD C/AU 0.5	19	57	38	130	7.0	28	41	.48	16	12	480

SOIL.

I.M. WATSON PROJECT - VANCO ASPEN FILE # 85-0875

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	CO PPM	AS PPM	SB PPM	CA %	W PPM	AU* PPB
M-1001	1	53	12	88	.2	13	8	2	.87	1	1
M-1002	1	47	9	81	.1	12	10	2	.98	1	2
M-1003	1	46	8	86	.1	9	7	2	.88	1	1
M-1004	1	191	10	70	.1	15	11	2	1.05	1	4
M-1005	1	82	9	73	.2	17	12	2	.98	1	2
M-1006	1	92	11	99	.1	14	6	2	1.10	1	1
M-1007	1	43	12	80	.1	16	6	2	1.03	1	1
M-1008	1	41	10	83	.2	12	5	2	.79	1	1
M-1009	1	38	9	74	.1	14	9	2	.81	1	1
M-1010	1	67	7	65	.1	14	4	2	.88	1	2
M-1011	1	63	8	75	.2	14	3	2	.95	1	1
M-1012	1	67	7	136	.2	16	7	2	1.12	1	1
M-1013	1	47	8	69	.1	11	10	2	.79	1	1
M-1014	1	39	7	101	.2	15	7	2	.92	1	1
M-1015	1	60	10	90	.2	13	5	3	.83	1	1
M-1016	1	37	10	74	.1	10	10	2	.69	1	1
M-1017	1	73	5	63	.2	15	7	2	.96	1	95
M-1018	1	128	9	82	.2	18	5	2	1.63	1	4
M-1019	1	53	12	80	.1	15	7	2	.95	1	2
M-1020	1	46	5	81	.1	16	9	2	1.10	1	1
M-1021	1	48	8	83	.1	13	8	2	1.34	1	1
M-1022	1	53	6	70	.2	11	5	2	1.11	1	1
M-1023	1	91	7	59	.1	11	10	4	1.23	1	1
STD C/AU-0.5	19	57	41	136	7.3	27	40	15	.48	11	500

ROCKS

I.M.WATSON PROJECT FILE # 85-0874

SAMPLE#	Ag ppm	As ppm	Au* ppb	Hg ppb
2002	1.0	16	1	380

I.M. WATSON & ASSOCIATES FILE # 85-1218

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Co PPM	As PPM	Sb PPM	Ca %	W PPM	Au* PPB
M088606	3	96	11	75	.1	20	2	2	1.73	1	2
M088607	5	85	14	92	.2	20	70	2	1.46	1	1
M088608	3	92	16	85	.1	16	8	2	2.07	1	2
M-2055	1	24160	12	25	1.1	20	10	12	1.68	13	9
M2551R	2	205	5	77	.1	14	3	2	2.08	1	3
M-4001R	1	2031	7	54	.3	13	2	2	7.63	1	1
M-4002R	1	316	6	33	.3	13	3	2	8.44	1	1
M-4003R	1	7700	10	9	1.0	3	7	3	13.07	2	1
M-088601	1	8048	8	51	4.2	9	6	5	1.22	4	4
M2567	1	93	2	68	.1	19	11	2	1.79	1	4
M2568	1	143	2	68	.1	15	23	2	2.80	1	1
M2569	1	211	5	81	.1	15	7	2	4.60	1	18
2051	1	13859	9	61	3.8	16	33	5	2.52	7	3
2052	1	10991	6	50	1.4	13	20	5	2.41	5	6
2053	1	16107	10	46	5.7	12	25	5	6.22	7	4
2054	1	20935	22	46	3.9	12	4	7	1.43	9	3
2056	1	19115	10	1	1.3	2	15	10	1.57	10	2