MineQuest Report #206 A
Ref. No. RM5101

GEOLOGY AND GEOCHEMISTRY

COLE 1987 GROUP

Omineca Mining Division

N.T.S. 93E/6W

Latitude 53° 27' N
Longitude 127° 17' W

for

QPX Minerals Inc.

by

A. W. Gourlay

of

MineQuest Exploration Associates Ltd.

CLAIM NAME	RECORD NUMBER	UNITS	DATE RECORDED
COLE I	8623	20	Aug. 14, 1987
COLE II	8624	20	Aug. 14, 1987
COLE III	8625	20	Aug. 14, 1987
COLE IV	8626	20	Aug. 14, 1987

Vancouver, B.C. October 1988

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1.0 INTRODUCTION

The Cole property was staked by Dr. T.A. Richards in 1983 on the basis of mineralized fault zones discovered during reconnaissance exploration. Work done during 1984 and 1985 included prospecting and detailed rock chip sampling of known showings. The claims were allowed to lapse but were restaked in 1987 and optioned to QPX Minerals Inc.

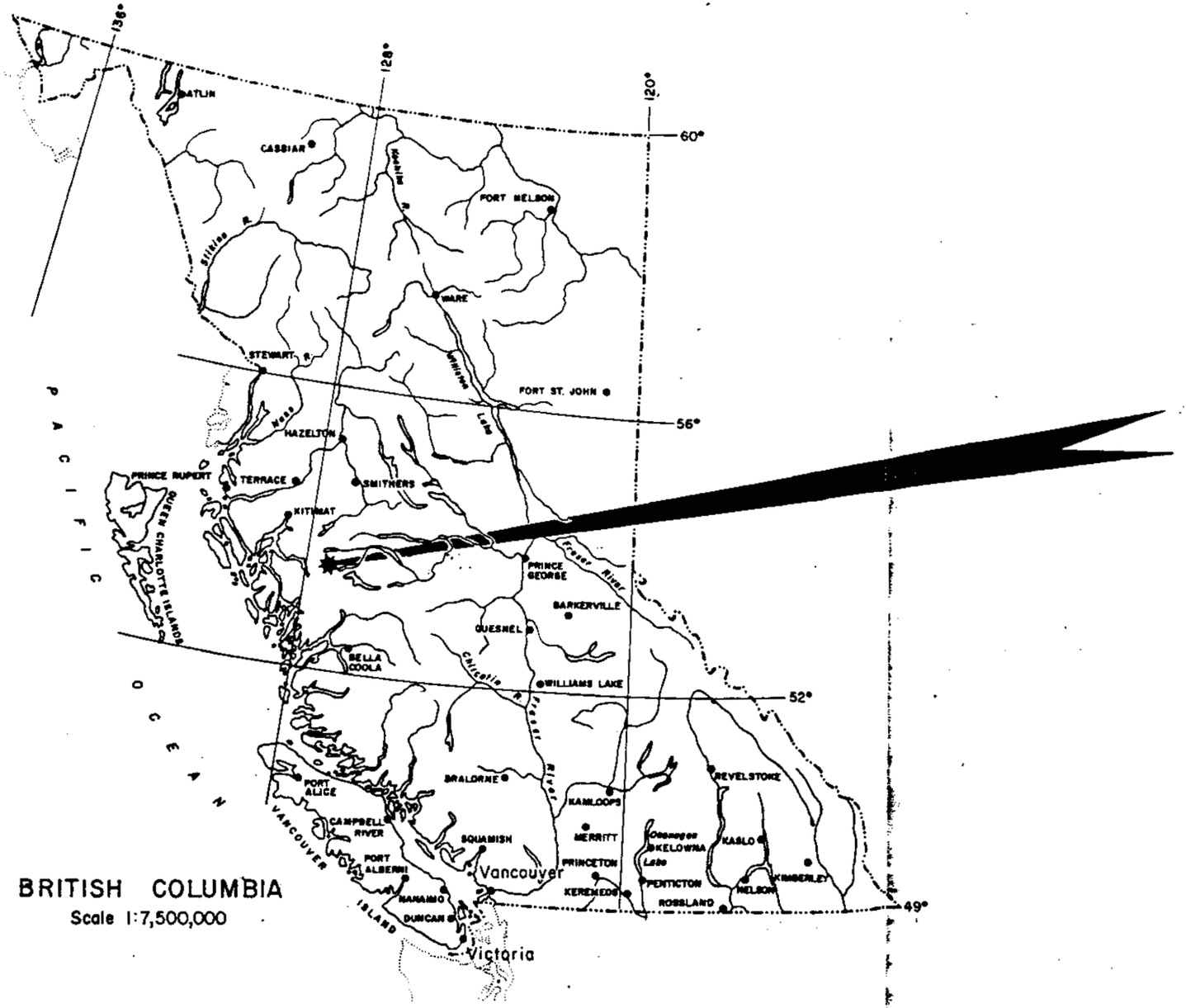
During the fall of 1987, MineQuest Exploration Associates Ltd. carried out preliminary geological mapping, rock chip sampling, and limited soil sampling. This work defined a number of quartz-carbonate veins, silicified zones, and breccias associated with faulting.

Follow-up work during July 1988 consisted of geological mapping, detailed rock sampling, and evaluation of areas not explored in 1987. The results of this program are described in this report.

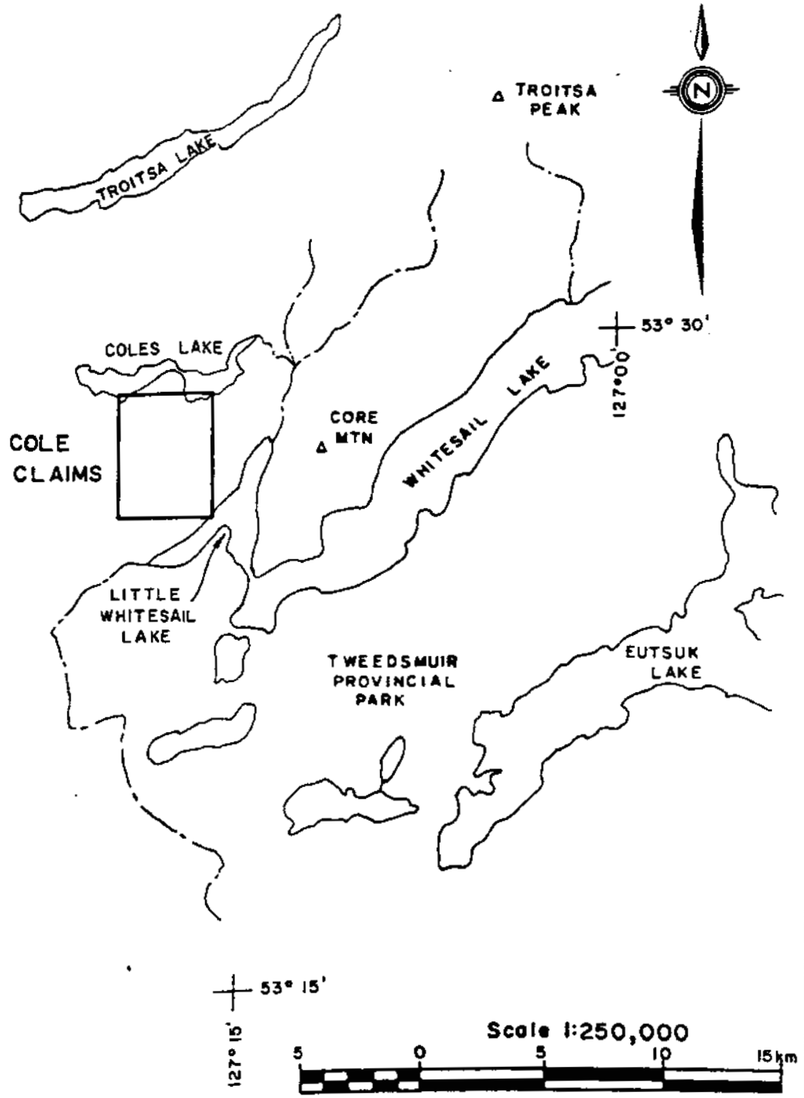
2.0 LOCATION, ACCESS AND TOPOGRAPHY

The Cole claims are located immediately south of Coles Lake and north of the western end of Little Whitesail Lake, about 150 km south of Smithers, B.C. (see Figure 1). The property is centered at approximately 53°27'N, 127°17'W in N.T.S. 93 E/6. Access is provided by helicopter from Smithers. To save on helicopter use, a good gravel road to Tahtsa Reach, about 25 km north of the claims, can be used to transport people and equipment the majority of the distance to the property. Float planes can land on both Coles and Little Whitesail Lakes, which can also be reached by boat or barge via Ootsa and Whitesail Lakes.

The terrain is variable, with mountainous regions in the southern claims area and flat to moderately sloping areas in the north. Elevation ranges from about 900m at at Coles Lake to about 1,900m at mountain top. Small areas of permanent snow and ice cover the north-facing flanks of the mountains at higher elevations. Numerous lakes and streams occur on the property and adequate water is available for exploration and mining. Several of the creeks are located in steep walled canyons which cannot be crossed for much of their length. Forty percent of the property is below treeline which is at approximately 1350m. Much of the area above treeline is covered by glacial overburden.



BRITISH COLUMBIA
Scale 1:7,500,000

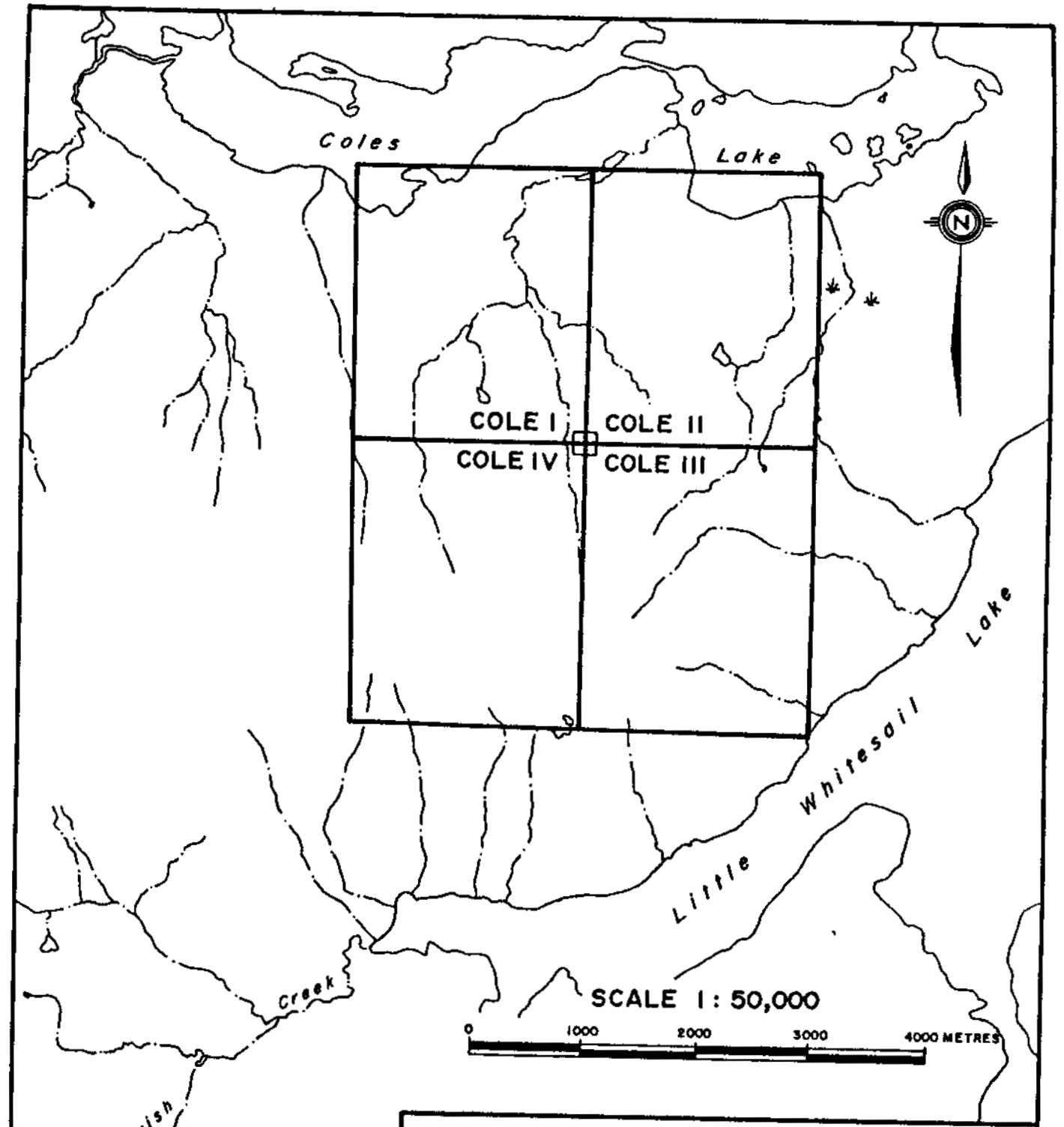


QPX MINERALS INC.			
WHITESAIL PROJECT—OMINECA MD., B.C.			
LOCATION MAP			
PLAN No.	DRAWN KS	DATE OCT / '87	FIGURE 1
Revised		N.T.S. 93 E/6	
MINEQUEST EXPLORATION ASSOCIATES LTD.			

3.0 OWNERSHIP AND CLAIM STATUS

The Cole 1987 Group consists of 4 mineral claims (see Figure 2) held by QPX Minerals Inc. under the terms of an option agreement with Mr. Brian Dahl of Hazleton. Claim data are listed below.

Claim Name	Record Number	Number of Units	Due Date Before Submission of This Report
Cole I	8623	20	14 Aug., 1992
Cole II	8624	20	14 Aug., 1992
Cole III	8625	20	14 Aug., 1992
Cole IV	8626	20	14 Aug., 1992



QPX MINERALS INC.

WHITESAIL PROJECT, OMINECA M.D., B.C.

CLAIM MAP

	Originator	Drawn	Date	PLAN No.	FIGURE
Original	L.J.L.	T.A.D.S.	DEC.'87		2
Revision				N.T.S. 93E/6	
Revision					

MINEQUEST EXPLORATION ASSOCIATES LTD.

4.0 HISTORY AND PREVIOUS WORK

Cole 1 through 4 claims were staked in 1983 by Dr. T.A. Richards, and were optioned to Nuspar Resources Ltd. Work in 1984 and 1985 included geological mapping, prospecting, and rock geochemistry, and the claims were allowed to lapse.

In 1987 the claims were restaked and optioned to QPX Minerals Inc. During 1987 MineQuest Exploration Associates Ltd. performed preliminary geological mapping, rock chip sampling and soil sampling. (MineQuest Report #179)

For a review of the regional exploration history the reader is referred to:

Geology and Geochemistry of the
Cole 1987 Group
by
Linda J. Lee
MineQuest Report Number 179

5.0 WORK CARRIED OUT IN 1988

Field surveys took place between July 5 and July 22, 1988. Work consisted of prospecting, rock chip sampling, geological mapping, and short reconnaissance VLF-EM and soil geochemistry test lines. A limited amount of grid was established. Late snow conditions restricted work to the north part of the claims, an area not mapped by Lee during 1987.

Mapping and rock chip sampling was carried out by Z. Rebic, D. Sketchley, E. Scholtes and A.W. Gourlay, assisted by D. O'Neill and J. Ryan. S. Price kept the crew well fed.

6.0 GEOLOGY

6.1 Regional Geology

A report by Lee (1987) has summarized the regional geology as follows:

> "Regional mapping of the Whitesail area by Duffell (1959), Hodder and MacIntyre (1980), Tipper et al (1979) and Woodsworth (1980) shows that the area of interest lies along the eastern margin of the Coast Plutonic Complex. Lower Jurassic volcanics and interbedded sediments of the Hazelton Group predominate to the east of this complex. Overlying the Hazelton volcanics are epiclastic rocks of the Upper Jurassic Ashman Formation and the Lower Cretaceous Skeena Group. These are in turn overlain by the Upper Cretaceous volcanic rocks of the Kasalka Group. Finally, Tertiary volcanism deposited the siliceous volcanic rocks of the Ootsa Lake Group and the basalts of the Endako Group. Intrusive rocks, ranging in composition from granites to gabbros, are also present in the area. These intrusives vary in age from Tertiary to possibly as old as Paleozoic.
>
> Richards (1984) and Woodsworth (1980) have mapped a resurgent caldera, at least 20 km in diameter, immediately north of the claims. The collapsed caldera center consists of Kasalka and Skeena Group rocks, with a number of intrusions. Several potentially economic mineral deposits occur in association with small granodiorite stocks which may be located at the intersection of ring and radial fractures related to the caldera formation (Hodder and MacIntyre, 1980). It appears that a section of the caldera ring fractures zone underlies the Cole property. The area of interest is also cut by a series of north to northeasterly trending faults."

6.2 Property Geology

The claim cover a sequence of volcanic and sedimentary rocks of the Lower Jurassic Telkwa Formation of the Hazelton Group. Thick-bedded purple to green lapilli tuffs and volcanic breccias dip steeply northwest and are commonly cross-cut by intermediate dykes.

At the northeast and northwest corners of the claim block, black mudstone and siltstone is found in outcrop (see Figure 3). The fine grained sediments locally carry disseminated pyrite, and occasional lenses of grey limestone. The siltstone and mudstone strike north to north-northwest, and dip to the west. Creeks to both the east and west of the claims flow along bedding planes of the sediments.

The north part of the claims is cut by a series of northwest and northeast trending faults. The faults are marked by steep sided gullies that contain fault breccias, silicified zones and quartz-carbonate veins. The quartz-carbonate veins rarely exceed 50 cm in width, are commonly in the 15 to 20 cm range, and may be traced up to 200m in strike length, although they are typically five to ten metres long.

6.3 Mineralization and Alteration

Previous exploration has discovered several showings of anomalous gold (up to 24,000 ppb) with lesser silver, and base metal values, associated with quartz veins and fault zones.

The report by Lee (1987) describes the showing as:

> "Many different quartz veins and veinlets with dominant northwest and northeast trends. Scattered exposures suggest a length of over 4 km for the system. The veins, which vary in width from thin stringers to massive quartz breccia systems, have steep to vertical dips. Quartz is generally white but may be beige, grey, clear and locally amethystine. Texturally, the quartz veins may be massive, banded, vuggy or coxcomb. Locally fluorite, calcite or siderite may also occur. The veins generally have very low sulfide content, with about 1% pyrite. Locally pyrite content may be as high as 15%. Other sulfides include minor chalcopyrite, galena and sphalerite."

Veins found on the north part of the claims are topographically lower than those previously sampled. In general, the banded quartz veins found at higher elevations (Main Showing) are replaced by massive veins of white quartz and beige to orange carbonate at lower elevations (eg. Low View Showing). Base metals, in particular galena, are more common at lower elevations.

The veins are hosted by lapilli tuffs that have suffered intensely propylitization adjacent to vein walls. The propylitization is restricted to the immediate contacts with the veins, and rarely exceeds 5 cm in width. Alteration is more commonly a selvage along the vein margin. There is little or no silicification or clay alteration adjacent to the veins.

7.0 RESULTS

Results of the rock chip sampling are presented on Figure 4 and Appendix II.

The highest gold value, 1720 ppb was returned from the Main Showings, a narrow quartz vein system that does not exceed 50 cm width. This sample, DO-23, was taken across a 12 cm wide quartz vein. Sample ZR 313, collected from the same area ran 1050 ppb gold. Other samples from the Main Showing returned 100 to 400 ppb gold. Elsewhere on the north part of the claims gold values rarely exceed 10 ppb.

Mercury values are generally less than 50 ppb. Five anomalous samples, ranging from 130 to 1200 ppb mercury, are from altered volcanic rocks and fine gold grained sedimentary rocks at the western boundary of the claims. There is no gold associated with the samples (DAS 564-569).

Antimony values are consistently at the detection limit. Analyses by hydride ICP, which provides a significantly lower detection limit for certain elements, returned an antimony high of 7.4 ppm from the North West Showing (ZR-327). Arsenic values are uniformily low with the exception of three samples, collected from a pyritic fracture zone ranging in width from 40 cm to 1 metre (ZR 325-327), found at the North West Showing. Values ranged from 100 to 172 ppm arsenic. A spot high of 570.2 ppm arsenic was returned from a calcite vein (DO-6) found in a gully on the north east corner of the claims.

Anomalously high lead and zinc values are found in quartz-carbonate veins occurring at lower elevations. Maximum values obtained are 3769 ppm lead (JR-08) and 15648 ppm zinc (DAS-569).

Soil samples were not analyzed, nor was the VLF-EM data processed.

8.0 DISCUSSION

The Cole claims cover a sequence of Lower Jurassic volcanic and sedimentary rocks belonging to the Telkwa Formation of the Hazelton Group. These rocks have been cut by northwest and northwest trending faults that commonly host quartz-carbonate veins, silicified zones, and breccia zones.

Prospecting and mapping has shown that the veins and breccia zones are narrow and tend to pinch and swell, although the fault structures can be traced for several hundreds of metres. The highest gold values reported in rocks, up to 24 ppm, occur at higher elevations on the claims. Gold values decrease with decreasing elevation, while base metal values increase.

Alteration and brecciation associated with the quartz and quartz-carbonate veins is narrow and restricted. Alteration is found as selvages of the quartz veins. Silicification and clay alteration of the host rocks is rare.

Epithermal systems commonly display vertical zoning with gold mineralization found above base metals. Brecciation and resilicification of quartz veins are textures indicative of several episodes of epitermal activity. Multiple episodes of activity are often necessary to provide proper ground preparation and possibly concentration of precious metals. Pervasive and widespread clay alteration and silicification are often the result of these repeated events.

Although the Cole claims cover narrow quartz veins associated with fault zones, lack of multi-stage brecciation, minimal silification, and lack of clay alteration suggest a weak, single stage mineralizing event.

The simple stacking of gold above base metals, in conjunction with weakly anomalous mercury and arsenic values and negligible antimony values supports the single event hypothesis. Gold values are erratic and generally low, suggesting little or no remobilization and concentration of precious metals.

9.0 CONCLUSIONS

1. The Cole claims cover a sequence of Lower Jurassic volcanic and sedimentary rocks of the Telkwa formation, a unit of the Hazelton Group.

2. Northwest and northeast trending faults contain zones of limited brecciation, weak silicification, and narrow quartz-carbonate veins.

3. Gold values in rocks reach maximum values at higher elevations and values decrease at lower elevations, where base metal values increase. Gold values are erratic and low grade.

4. The quartz veins were emplaced during a single stage epithermal event.

10.0 BIBLIOGRAPHY

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APPENDIX I

Laboratory Methods

APPENDIX I

Laboratory Methods

The rock chip samples were shipped to Acme Analytical Laboratories Ltd., of Vancouver, B.C. The samples were crushed to less than 3/16 inch size, from which a 200 gram split was pulverized to 98% minus 100 mesh. A 0.50 gram sample was then subjected to a 30-element ICP (inductively coupled plasma) analytical technique, after digestion for one hour at 95° in 3:1:2-HCL:HNO3:H2O. In addition, gold contents were determined by MIBK extraction followed by atomic absorption analysis. It is important to note that for the ICP technique the extraction process is only partial for several of the elements reported.

Lower detection limits for arsenic, antimony, bismuth, germanium, selenium, and tellurium are achieved using a hydride ICP analytical technique following the digestion described above.

APPENDIX II

Laboratory Reports

RVK → Whitehall / AWG / DAS

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O 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 LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. HG ANALYSIS BY FLAMELESS AA. AS SB BI GE SE & TE ANALYSIS BY HYDRIDE ICP. GE - PARTIAL LEACHED.

DATE RECEIVED: JUL 28 1988 DATE REPORT MAILED: Aug 4/88 ASSAYER. C. Leong .D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

MINEQUEST EXPLORATION File # 88-3075 TRW

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB	Hg PPB	As PPM	Sb PPM	Bi PPM	Ge PPM	Se PPM	Te PPM
DO-8	4	13	36	112	.4	3	8	664	2.99	11	5	ND	1	27	1	3	2	15	1.12	.038	4	3	.61	25	.01	6	.70	.01	.09	1	1	20	12.4	3.3	.2	.2	.8	.4
DO-9	61	6	17	111	.4	3	5	365	1.86	3	6	ND	1	5	1	2	2	11	.19	.025	4	3	.40	13	.01	2	.55	.01	.09	1	29	40	6.0	.8	.1	.2	.2	.3
DO-10	92	22	4	69	.2	3	6	625	2.52	23	5	ND	1	3	1	2	2	12	.18	.032	5	6	.79	26	.01	2	1.16	.01	.11	1	148	70	26.5	1.1	.1	.2	.2	.3
DO-11	10	30	11	55	.3	4	3	437	1.36	3	5	ND	1	32	1	2	2	10	1.31	.019	2	3	.71	19	.01	4	.52	.01	.09	1	158	10	4.9	.7	.1	.2	.2	.3
DO-12	8	23	8	111	.1	6	14	936	4.06	2	5	ND	1	5	1	2	2	81	.38	.021	2	2	1.87	16	.01	2	2.06	.01	.06	1	28	20	4.9	1.0	.1	.2	.2	.4
DO-13	1	14	12	72	.1	3	8	523	2.34	2	5	ND	1	5	1	2	2	26	.12	.033	3	4	1.04	65	.01	3	1.34	.01	.15	1	5	5	2.4	.9	.1	.4	.2	.3
DO-14	2	23	9	66	.1	5	10	456	3.46	2	5	ND	1	4	1	2	2	49	.07	.022	2	3	1.38	57	.01	3	1.49	.01	.11	1	47	20	4.6	1.7	.2	.6	.5	.4
DO-15	39	18	8	44	.4	1	4	286	1.69	13	6	ND	1	2	1	2	2	17	.07	.036	8	2	.47	30	.01	4	.91	.01	.19	2	90	60	14.4	1.3	.1	.2	.2	.3
DO-16	2	28	14	42	.1	3	5	409	1.74	10	5	ND	1	2	1	2	2	13	.08	.031	4	2	.41	31	.01	2	.81	.01	.16	1	33	20	10.5	.7	.1	.3	.2	.3
DO-17	16	9	8	33	.7	3	3	335	1.02	7	5	ND	1	4	1	2	2	12	.06	.016	2	2	.20	34	.01	2	.46	.01	.10	1	102	30	8.4	.3	.1	.2	.2	.3
DO-18	7	13	7	38	.2	2	5	427	1.63	4	5	ND	1	11	1	2	2	18	1.38	.023	4	2	.29	19	.01	7	.63	.01	.16	2	250	60	7.5	.7	.2	.4	.2	.6
DO-19	1	24	9	41	.1	2	5	376	1.70	10	6	ND	1	2	1	2	2	15	.05	.012	4	4	.28	26	.01	4	.55	.01	.09	1	124	10	11.5	.3	.2	.3	.2	.3
DO-20	22	21	10	55	.6	3	10	686	3.18	15	5	ND	1	2	1	2	2	39	.04	.022	2	6	.75	37	.01	3	1.24	.01	.11	1	405	30	19.8	1.0	.1	.3	.2	.3
DO-21	17	7	4	26	.6	1	2	202	1.03	11	6	ND	1	3	1	2	2	10	.09	.028	5	2	.09	22	.01	12	.37	.01	.16	1	115	20	11.5	.9	.1	.3	.2	.3
DO-22	2	9	2	19	.3	1	2	175	1.31	10	5	ND	1	6	1	2	2	12	.34	.046	9	1	.10	22	.01	2	.48	.01	.20	4	380	30	11.7	1.4	.1	.2	.2	.3
DO-23	127	16	11	35	2.6	3	4	380	1.68	21	5	2	1	4	1	2	2	17	.08	.017	2	4	.25	21	.01	2	.55	.01	.11	1	1720	50	21.9	1.9	.1	.2	.2	.3
DO-24	2	6	4	48	.1	1	5	368	2.26	6	8	ND	1	2	1	2	2	14	.07	.034	3	2	.34	34	.01	2	.81	.01	.16	1	100	10	6.4	.5	.1	.2	.2	.3
DO-25	113	12	8	15	1.3	2	3	128	.78	10	5	ND	1	5	1	2	2	17	.13	.016	5	2	.10	21	.01	8	.36	.01	.13	1	126	30	10.5	1.7	.1	.2	.2	.3
DO-26	1189	8	26	6	5.6	1	2	79	.44	15	5	ND	1	4	1	4	2	19	.06	.005	29	2	.04	16	.01	2	.22	.01	.10	1	350	530	13.0	6.3	.1	.2	.4	.3
JR-6	7	6	9	26	.1	3	7	504	1.84	8	5	ND	1	240	1	2	2	32	1.45	.074	4	2	.36	5	.18	5	1.18	.01	.01	1	3	50	9.8	1.4	.1	.5	.2	.3
JR-7	15	9	2	17	.3	2	2	191	.89	2	5	ND	1	3	1	2	3	5	.12	.009	6	3	.13	15	.01	6	.31	.01	.07	1	2	20	3.3	.5	.1	.7	.2	.7
JR-8	1	55	3769	4166	2.2	3	4	1463	2.55	9	5	ND	1	89	30	2	2	5	3.90	.007	2	2	.57	25	.01	5	.68	.01	.03	4	3	240	10.1	1.5	.3	.2	.3	.3
TRW-88001	1	21	8	38	.1	4	4	451	1.54	10	5	ND	1	2	1	2	2	14	.06	.015	2	2	.32	16	.01	4	.64	.01	.06	1	132	10	10.7	.8	.2	.6	.2	.6
TRW-88002	1	36	15	75	.1	3	7	1585	2.01	2	5	ND	1	23	1	2	3	14	3.50	.050	28	2	.53	35	.01	7	1.19	.01	.18	1	10	20	3.8	.9	.2	.2	.2	.3
TRW-88003	1	34	6	98	.3	9	16	691	4.67	24	5	ND	1	7	1	2	2	32	.27	.072	13	7	1.01	46	.01	2	1.99	.01	.17	1	12	20	28.5	1.2	.3	.5	.3	.6
TRW-88004	1	7	4	64	.1	6	2	1125	1.09	4	5	ND	1	5	1	2	2	14	.04	.024	6	5	.37	18	.01	2	.53	.03	.03	1	1	5	6.7	.3	.1	.5	.2	.4
TRW-88005	3	38	11	80	.1	23	10	1189	4.91	76	5	ND	1	48	1	2	3	80	.92	.055	5	17	1.07	36	.08	2	1.90	.07	.25	1	3	5	83.9	2.7	.3	.2	1.8	.3
TRW-88006	1	35	10	119	.1	4	11	1761	5.30	2	5	ND	1	89	1	2	2	70	2.29	.044	3	2	1.86	64	.01	3	2.93	.06	.15	1	3	10	6.8	1.6	.3	.6	.2	.3
TRW-88007	1	18	9	55	.1	3	6	852	2.63	3	5	ND	1	8	1	2	2	22	.32	.043	8	4	.40	64	.01	2	.90	.02	.08	1	2	20	3.3	.8	.3	.3	.2	.3
TRW-88008	1	12	68	1643	.1	4	17	3115	5.85	2	5	ND	1	358	10	2	2	65	8.96	.019	4	2	2.28	1204	.01	2	1.86	.01	.09	1	1	10	5.4	4.8	.3	.6	.2	.4
TRW-88009	9	6	4	24	.2	3	4	298	1.59	11	5	ND	1	5	1	2	2	11	.10	.026	4	3	.23	72	.01	2	.39	.01	.09	1	12	90	12.1	1.0	.2	.4	.3	.3
TRW-88010	16	4	8	39	.2	4	5	482	2.13	18	5	ND	1	8	1	6	2	42	.13	.028	3	4	.37	77	.04	6	1.59	.01	.65	10	9	2400	14.2	1.0	.1	.2	.3	.3
STD C/AU-S	18	58	38	133	7.2	68	27	1087	4.01	41	21	8	37	45	17	19	19	56	.46	.082	38	56	.90	176	.06	32	1.96	.06	.13	12	505	1480	-	-	-	-	-	-

AWG / KVC → file
Whitesail

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O 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 LIMITED FOR NA K AND AL. AN DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-P3 ROCK P4 SOIL AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. HG ANALYSIS BY FLAMELESS AA.

DATE RECEIVED: JUL 18 1988 DATE REPORT MAILED: July 20/88 ASSAYER. C. Leong .D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

MINEQUEST EXPLORATION PROJECT TRW File # 88-2764 Page 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB	Hg PPB
DAS 546	1	17	10	83	.3	10	12	749	4.16	2	5	ND	1	10	1	2	2	28	.18	.070	7	11	1.42	90	.01	5	2.12	.02	.26	1	1	10
DAS 547	1	6	3	19	.1	2	3	410	1.23	3	5	ND	1	36	1	2	2	11	.24	.018	4	3	.32	17	.01	13	.60	.02	.08	1	3	5
DAS 548	1	5	2	17	.1	3	2	753	1.60	2	5	ND	1	64	1	2	2	26	.43	.023	3	2	.23	35	.01	4	.67	.04	.07	1	1	5
DAS 549	1	24	9	15	.6	4	5	307	1.94	57	5	ND	1	3	1	2	2	11	.04	.011	2	3	.35	18	.01	7	.64	.03	.08	1	1	20
DAS 550	1	6	8	71	.1	2	6	686	2.50	12	5	ND	1	76	1	2	2	14	3.72	.039	7	1	.67	34	.01	10	.30	.01	.08	1	12	5
DAS 551	1	17	14	61	.2	2	6	1269	2.68	56	5	ND	1	85	1	2	2	16	3.95	.028	4	2	.79	28	.01	4	.38	.01	.08	1	48	10
DAS 552	1	20	5	94	.1	3	7	857	3.00	15	5	ND	1	24	1	2	3	18	.72	.049	12	3	.79	170	.02	9	1.51	.02	.20	1	9	5
DAS 553	1	9	5	77	.1	2	5	785	2.27	6	5	ND	1	36	1	2	4	6	.65	.042	10	2	.59	276	.01	3	1.19	.02	.23	1	1	5
DAS 554	1	11	8	97	.1	1	5	717	2.87	22	5	ND	1	42	1	2	2	7	.69	.050	12	1	.75	358	.01	6	1.37	.01	.20	1	1	5
DAS 555	1	9	5	78	.1	1	4	730	2.57	39	5	ND	1	56	1	2	2	6	1.66	.051	10	1	.60	253	.01	11	1.17	.04	.21	1	1	5
DAS 556	1	7	10	11	.1	1	1	221	.65	2	5	ND	1	24	1	2	2	9	2.10	.002	2	2	.11	36	.03	12	7.17	2.82	.09	1	1	5
DAS 557	1	41	14	90	.1	18	15	955	5.04	2	5	ND	1	64	1	2	3	132	2.61	.177	17	21	2.50	226	.39	5	2.32	.04	.05	1	1	5
DAS 558	4	61	41	143	1.2	9	15	648	7.00	79	5	ND	1	14	1	2	3	109	.22	.086	3	9	2.13	90	.01	4	3.77	.02	.06	1	20	60
DAS 559	38	11	53	103	1.0	8	10	386	4.39	108	5	ND	1	17	1	2	3	73	.20	.050	2	8	1.30	64	.01	4	2.06	.03	.08	1	14	30
DAS 560	16	37	43	142	.3	10	12	453	4.85	47	5	ND	1	41	1	2	2	66	.81	.067	6	12	1.44	141	.01	21	3.12	.02	.29	1	16	80
DAS 561	9	16	17	69	.2	1	5	712	3.49	2	5	ND	1	35	1	2	2	10	.76	.093	4	1	.73	97	.01	6	1.73	.04	.13	1	1	5
DAS 562	117	6	54	43	1.3	5	6	135	2.60	156	5	ND	1	15	1	2	2	27	.18	.045	2	4	.50	61	.01	5	.88	.02	.06	1	39	20
DAS 563	2	8	18	53	.1	3	5	2006	1.57	2	5	ND	1	25	1	2	2	7	.95	.012	3	3	.30	53	.01	8	.41	.02	.06	2	4	10
DAS 564	9	11	9	62	.3	8	3	271	1.23	7	5	ND	1	6	1	2	2	10	.27	.026	9	3	.16	23	.01	8	.40	.03	.11	1	1	200
DAS 565	4	8	11	105	.1	6	3	469	1.81	13	5	ND	1	4	1	2	3	7	.11	.024	10	3	.08	50	.01	10	.59	.01	.17	1	1	620
DAS 566	45	11	24	114	.1	7	6	3661	3.80	11	5	ND	1	3	1	2	2	26	.03	.010	7	2	.04	171	.01	2	.26	.03	.07	1	1	240
DAS 567	1	11	829	2317	.8	5	3	2805	6.05	10	5	ND	1	211	13	2	2	32	9.52	.018	3	3	3.29	39	.01	5	.90	.02	.06	1	2	30
DAS 568	2	4	98	2714	.3	4	3	4680	8.05	71	5	ND	1	313	14	2	2	26	18.79	.004	2	3	3.96	8	.01	2	.49	.01	.01	1	1	130
DAS 569	2	31	2056	15648	2.8	9	3	1242	3.44	18	5	ND	1	242	124	2	2	23	5.18	.031	3	9	1.38	16	.01	7	1.29	.01	.09	1	1	1200
DAS 570	4	5	11	90	.2	3	1	4142	1.01	10	12	ND	1	800	1	2	2	13	30.47	.011	9	2	.32	6	.01	2	.34	.03	.05	1	6	10
DO 1	1	19	18	128	.2	2	3	548	2.29	14	5	ND	1	181	1	2	2	26	10.82	.020	4	3	1.75	9	.01	4	1.62	.02	.08	1	1	5
DO 2	1	164	12	132	.1	12	17	2676	7.33	2	5	ND	4	57	1	2	2	217	7.58	.197	29	17	1.64	17	.29	17	1.86	.04	.01	1	1	5
DO 3	1	42	12	84	.1	5	10	1371	5.13	2	5	ND	1	24	1	2	2	26	3.31	.030	5	4	.70	45	.01	4	1.66	.02	.13	1	1	10
DO 4	2	43	7	40	.3	5	5	548	2.16	3	5	ND	1	12	1	2	2	36	1.10	.034	4	4	.42	38	.03	2	.82	.04	.10	1	4	5
DO 5	1	4	11	24	.4	1	3	5071	1.33	2	8	ND	1	570	1	2	2	14	26.93	.016	14	1	.29	24	.01	2	.62	.03	.07	1	1	5
DO 6	1	39	12	54	.4	6	10	2229	3.53	496	5	ND	1	166	1	3	2	20	9.44	.027	5	2	.67	56	.01	2	1.15	.01	.19	1	31	30
DO 7	1	9	6	45	.1	1	4	3791	1.59	15	5	ND	1	264	1	2	3	11	24.68	.012	8	1	.56	10	.01	2	.84	.03	.04	2	4	5
RS 1	1	50	43	82	.9	2	3	246	2.27	24	5	ND	1	8	1	2	2	13	.28	.052	9	1	.55	70	.01	5	1.01	.03	.20	1	51	10
RS 2	1	16	14	117	.2	5	13	1211	4.91	81	5	ND	1	40	1	2	2	28	2.44	.078	7	3	1.61	56	.01	6	1.86	.03	.17	1	3	40
RS 3	4	9	22	99	.2	2	7	626	3.03	16	5	ND	1	48	1	2	2	23	1.57	.036	15	1	.88	21	.01	11	1.41	.02	.09	1	86	30
STD C/AU-R	17	57	39	131	6.6	68	28	1064	4.05	38	20	7	38	48	17	18	22	57	.48	.088	19	57	.92	173	.06	38	1.90	.06	.14	12	500	1300

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB	Hg PPB
JR 1	1	69	3	46	.1	8	9	477	2.96	6	5	ND	1	117	1	2	2	139	8.51	.030	2	13	1.36	8	.16	6	1.90	.01	.21	1	1	5
JR 2	1	57	5	43	.1	5	9	484	2.70	73	5	ND	1	138	1	2	2	88	10.54	.088	2	7	.81	3	.11	2	2.39	.01	.01	1	1	5
JR 3	8	87	9	60	.4	7	12	524	3.69	9	5	ND	1	10	1	2	4	44	.29	.044	3	5	.83	104	.01	5	1.51	.02	.19	1	23	5
JR 4	1	13	9	40	.1	5	8	2379	2.61	3	5	ND	1	126	1	2	2	34	9.08	.016	2	9	.79	24	.01	2	1.23	.02	.07	1	5	5
JR 5	2	1	7	2	.2	1	1	2413	.13	2	30	ND	1	1025	1	2	2	1	35.59	.003	7	1	.03	248	.01	2	.06	.01	.01	1	19	5
ZR 301	2	12	22	187	.7	5	13	1117	3.71	4	5	ND	3	49	1	2	3	53	2.04	.018	2	2	1.40	31	.01	2	1.42	.01	.06	1	2	5
ZR 302	3	19	14	76	1.0	7	9	386	3.24	5	5	ND	4	14	1	2	3	38	.45	.056	6	3	.36	30	.01	4	1.20	.01	.19	1	1	5
ZR 303	1	13	14	105	.1	21	20	1354	5.77	2	5	ND	2	35	1	2	2	114	4.12	.034	5	40	2.19	49	.03	2	2.77	.02	.07	1	1	5
ZR 304	1	8	11	113	.1	15	12	635	4.04	4	5	ND	4	77	1	2	2	76	2.58	.125	23	24	1.56	336	.02	2	1.64	.03	.07	1	1	5
ZR 305	6	16	12	84	.3	3	6	467	3.44	7	5	ND	1	6	1	2	2	15	.17	.057	3	2	.57	91	.01	3	1.05	.01	.17	1	5	10
ZR 306	21	15	24	38	.5	2	4	241	1.92	9	6	ND	1	4	1	3	2	17	.08	.029	2	2	.27	53	.01	2	.57	.01	.17	1	3	20
ZR 307	1	63	21	148	.1	21	21	1207	5.25	10	5	ND	1	5	1	2	2	76	.19	.045	7	42	1.38	22	.01	3	2.20	.02	.08	1	1	10
ZR 308	10	22	21	53	.2	3	5	321	2.56	11	5	ND	1	4	1	2	2	24	.10	.032	2	2	.36	53	.01	4	.69	.01	.14	1	6	10
ZR 311	56	12	8	30	.7	3	5	291	2.02	28	5	ND	2	11	1	2	3	25	.31	.023	2	3	.41	14	.01	5	.74	.02	.12	1	215	30
ZR 313	304	16	15	41	2.6	3	7	369	2.21	25	5	ND	1	4	1	3	3	30	.15	.040	4	2	.57	17	.01	20	.93	.02	.11	1	1959	100
ZR 314	1	8	11	99	.1	6	15	6670	5.91	2	5	ND	1	248	2	2	2	53	17.50	.066	9	2	4.27	35	.01	2	1.11	.01	.01	3	1	5
ZR 315	1	24	6	25	.2	2	3	709	1.32	2	5	ND	3	58	1	2	2	9	2.97	.030	15	1	.75	153	.01	9	.52	.03	.14	1	1	5
ZR 316	17	34	24	69	1.7	8	7	331	2.44	2	5	ND	3	15	1	2	3	36	.53	.069	9	11	.98	36	.01	4	1.29	.04	.09	1	6	5
ZR 317	10	57	15	29	1.2	8	3	304	2.14	2	5	ND	3	21	1	2	3	16	1.06	.033	6	3	.34	20	.01	2	.59	.01	.05	1	17	5
ZR 318	2	46	10	119	.5	11	8	499	2.37	2	5	ND	4	21	1	2	4	39	.71	.099	13	12	.93	34	.01	8	1.52	.02	.08	1	1	5
ZR 319	42	14	45	13	4.1	4	3	144	1.00	3	5	ND	1	8	1	2	2	8	.13	.021	7	3	.14	46	.01	4	.32	.02	.07	1	8	5
ZR 320	14	23	27	14	2.4	3	2	71	.87	2	5	ND	1	8	1	2	2	9	.17	.011	5	2	.17	17	.01	5	.33	.02	.06	1	22	5
ZR 321	403	4	29	15	5.5	3	2	127	.94	4	5	ND	1	10	1	2	2	12	.09	.015	2	2	.21	141	.01	2	.38	.01	.05	1	10	5
ZR 322	135	2	43	32	3.7	2	4	157	1.77	4	5	ND	1	11	1	2	4	16	.10	.025	3	1	.42	185	.01	9	.70	.01	.08	1	21	5
ZR 323	8	4	40	46	47.2	4	10	139	5.24	7	5	ND	1	3	1	2	3	13	.06	.017	3	2	.71	20	.01	5	.35	.01	.04	1	490	10
ZR 324	4	24	25	134	1.5	7	14	595	5.56	34	7	ND	1	4	1	2	2	21	.12	.056	3	2	1.14	21	.01	2	1.51	.01	.22	1	7	70
ZR 325	21	12	18	67	1.4	3	6	518	4.46	172	5	ND	3	20	1	3	3	9	.35	.105	22	1	.43	62	.01	7	.58	.03	.15	1	6	30
ZR 326	3	96	16	98	3.0	15	17	565	6.12	106	5	ND	1	5	1	2	2	30	.07	.021	3	11	1.29	26	.01	2	1.68	.01	.20	1	4	10
ZR 327	6	16	27	69	3.9	15	23	256	8.82	134	5	ND	1	5	1	2	2	23	.14	.062	2	4	.69	19	.01	2	1.01	.01	.15	1	18	30
ZR 328	6	74	26	119	2.5	16	20	812	6.78	28	5	ND	5	19	1	2	2	42	.48	.069	4	6	1.52	34	.01	2	2.15	.01	.18	1	8	20
ZR 329	1	3	15	103	.1	1	5	1218	3.35	20	5	ND	5	185	1	2	2	16	2.74	.128	22	1	1.07	80	.01	4	1.63	.02	.17	1	1	5
ZR 330	1	48	10	89	.1	4	5	537	2.29	5	5	ND	2	7	1	2	2	14	.14	.024	5	4	.51	21	.02	9	.82	.04	.01	1	1	5
ZR 331	1	19	13	73	.1	4	7	312	2.23	20	5	ND	2	9	1	3	2	22	.21	.056	5	2	.42	28	.01	6	.91	.01	.09	1	108	20
ZR 332	1	25	60	936	.1	8	21	3940	5.42	2	5	ND	1	227	8	2	2	52	9.49	.015	3	13	2.38	21	.01	2	3.15	.01	.01	1	1	10
ZR 333	1	11	46	476	.1	6	12	1875	3.93	4	5	ND	1	204	6	2	2	25	6.01	.022	8	2	1.40	47	.01	2	1.69	.01	.11	1	1	10
ZR 334	1	30	41	502	.2	21	27	1806	5.38	2	7	ND	1	530	3	2	2	20	12.70	.011	4	6	3.32	1666	.01	2	.91	.01	.04	1	1	5
STD C/AU-R	18	59	41	132	6.5	68	29	1066	4.08	41	19	6	40	49	18	21	19	58	.49	.089	39	57	.94	176	.06	39	1.91	.06	.14	12	510	1300

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPB	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB	Hg PPB
ZR 335	168	4	17	30	.9	6	5	693	2.17	10	5	ND	1	17	1	2	2	11	1.00	.012	3	2	.32	12	.01	2	.24	.01	.07	2	23	240
ZR 336	43	4	12	81	.4	6	6	997	2.89	8	5	ND	1	18	1	2	2	20	.87	.022	6	3	.38	35	.01	11	.68	.01	.12	1	1	180
ZR 337	8	3	3	38	.1	2	2	304	.72	2	5	ND	1	5	1	2	2	4	.10	.056	2	1	.03	29	.01	3	.25	.01	.10	2	1	540
ZR 338	24	2	8	21	.3	3	3	194	.73	3	5	ND	1	10	1	2	2	5	.21	.009	2	1	.06	88	.01	3	.23	.01	.13	1	5	200

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPB	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB	Hg PPB
ZR 309	1	34	9	42	.5	5	6	511	3.08	4	5	ND	1	10	1	2	2	52	.12	.051	7	11	.46	24	.06	2	2.29	.01	.04	2	2	40
ZR 310	2	30	13	50	.4	5	5	542	2.99	5	5	ND	1	11	1	2	2	53	.12	.072	7	11	.49	29	.05	3	2.26	.01	.04	2	1	50
ZR 312	1	16	11	51	.3	6	6	402	3.30	6	5	ND	2	12	1	2	2	63	.11	.023	9	13	.51	35	.11	2	2.45	.01	.04	1	1	50

AWG/RAL → file Whitesail

ACME ANALYTICAL LABORATORIES LTD.
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PHONE(604)253-3158 FAX(604)253-1716

DATE RECEIVED: JUL 18 1988
DATE REPORT MAILED: July 20/88

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. ANALYSIS BY HYDRIDE ICP. Ge PARTIAL LEACHED.
- SAMPLE TYPE: P1-P3 ROCK P4 SOIL

ASSAYER: C. Leong. D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

MINEQUEST EXPLORATION PROJECT TRW FILE # 88-2764 Page 1

SAMPLE#	As PPM	Sb PPM	Bi PPM	Ge PPM	Se PPM	Te PPM
DAS 546	5.3	1.9	.2	.6	.2	.3
DAS 547	.8	1.0	.1	.6	.2	.3
DAS 548	2.2	1.0	.2	.2	.2	.3
DAS 549	45.8	1.8	.1	.2	.9	.3
DAS 550	7.9	1.1	.2	.2	.2	.3
DAS 551	52.7	2.2	.1	.4	.5	.3
DAS 552	9.0	.7	.2	.8	.2	.3
DAS 553	5.4	.8	.1	.2	.2	.3
DAS 554	20.5	1.0	.2	.4	.2	.3
DAS 555	36.4	.8	.1	.2	.2	.3
DAS 556	.7	.2	.1	.3	.2	.3
DAS 557	5.2	1.0	.1	.5	.4	.3
DAS 558	76.9	4.6	.1	.2	.3	.3
DAS 559	100.0	4.4	.2	.5	.5	.3
DAS 560	45.8	3.6	.1	.2	.4	.3
DAS 561	4.5	.8	.1	.2	.2	.3
DAS 562	141.9	5.6	.1	.2	.5	.3
DAS 563	2.3	.9	.1	.3	.2	.3
DAS 564	8.4	1.8	.1	.4	.2	.3
DAS 565	10.2	2.1	.1	.6	.3	.4
DAS 566	7.6	3.7	.1	.6	.4	.3
DAS 567	6.6	3.4	.1	.2	.2	.3
DAS 568	82.3	4.5	.1	.2	.2	.3
DAS 569	19.2	5.2	.1	.2	2.3	.3
DAS 570	16.2	.6	.1	.2	.3	.3
DO 1	18.4	2.3	.1	.2	.6	.3
DO 2	1.6	1.7	.1	.6	.2	.3
DO 3	3.5	1.8	.2	.2	.5	.3
DO 4	1.8	.8	.1	.4	.2	.3
DO 5	1.4	.4	.1	.2	.2	.3
DO 6	520.2	6.4	.1	.2	.2	.3
DO 7	11.2	2.1	.1	.2	.2	.3
ES 1	22.3	1.9	.1	.2	.2	.3
ES 2	83.3	2.5	.2	.2	.2	.3
ES 3	14.8	1.4	.1	.2	.2	.3

SAMPLE#	As PPM	Sb PPM	Bi PPM	Ge PPM	Se PPM	Te PPM
JR 1	8.0	.4	.1	.3	4.1	.3
JR 2	76.2	2.0	.1	.4	1.3	.3
JR 3	11.2	.9	.1	.2	1.3	.3
JR 4	4.8	.4	.2	.2	.8	.3
JR 5	.2	.1	.1	.2	.9	.3
ZR 301	2.7	.3	.1	.2	1.3	.3
ZR 302	3.5	.7	.1	.2	1.4	.3
ZR 303	2.0	1.0	.1	.2	.9	.3
ZR 304	5.9	.6	.1	.2	.9	.3
ZR 305	7.4	1.0	.1	.2	1.2	.3
ZR 306	7.4	1.5	.2	.3	1.0	.3
ZR 307	9.5	1.0	.1	.7	1.1	.3
ZR 308	8.9	1.0	.1	.2	1.4	.3
ZR 311	23.2	1.1	.1	.2	1.0	.3
ZR 313	33.5	2.3	.1	.2	1.4	.3
ZR 314	.8	.9	.2	.2	1.0	.3
ZR 315	3.7	.2	.1	.2	.7	.3
ZR 316	2.7	1.2	.2	.2	1.0	.3
ZR 317	1.6	.1	.2	.5	1.2	.3
ZR 318	2.7	.7	.3	.2	1.1	.3
ZR 319	2.9	2.4	.4	.2	1.3	.3
ZR 320	1.2	.4	.1	.2	1.1	.3
ZR 321	3.8	2.2	.1	.2	1.2	.3
ZR 322	3.5	1.7	.4	.2	1.2	.3
ZR 323	5.6	.7	.6	.2	4.0	2.9
ZR 324	38.0	2.0	.4	.2	1.1	.4
ZR 325	160.7	2.4	.2	.2	1.1	.3
ZR 326	107.7	3.6	.3	.2	1.3	.5
ZR 327	131.5	7.4	.2	.2	1.4	.6
ZR 328	29.6	2.6	.2	.2	1.4	.4
ZR 329	21.2	.5	.1	.3	.8	.3
ZR 330	3.8	.2	.1	.2	1.3	.3
ZR 331	16.2	1.2	.1	.2	.9	.3
ZR 332	1.8	.7	.1	.2	.9	.3
ZR 333	1.5	1.0	.1	.2	.9	.3
ZR 334	1.5	.9	.3	.2	1.1	.4

SAMPLE#	As PPM	Sb PPM	Bi PPM	Ge PPM	Se PPM	Te PPM
ZR 335	9.2	2.8	.2	.4	.3	.3
ZR 336	6.6	1.1	.3	.6	.4	.3
ZR 337	2.3	.5	.1	.2	.2	.3
ZR 338	3.8	.8	.1	.4	.2	.4

SAMPLE#	As PPM	Sb PPM	Bi PPM	Ge PPM	Se PPM	Te PPM
ZR 309	7.0	.6	.2	.2	.4	.8
ZR 310	6.9	.8	.2	.4	.6	.9
ZR 312	7.8	.9	.3	.4	.6	.3

APPENDIX III

Cost Statement

COLES LAKE PROJECT
COST STATEMENT

April 1 to October 31, 1988

Fees (see attached scheule I)	5,813.00	
Temporary Staff (see attached schedule II)	29,806.50	
Casual Staff (see attached schedule III)	879.75	
Consultants Billed (see attached schedule III)	112.50	
Disbursments:		
Air Fares - Scheduled	1,951.90	
Rental Vehicle	1,044.54	
Fuels & Lubricants	204.65	
Charter Helicopter	13,859.51	
Taxis/ Parking/ Bus Fares	204.78	
Freight	2,720.54	
Equipment Rentals	4,155.13	
Groceries/ Kitchen supplies	2,465.93	
Food & Accomodation - In field	711.16	
General Supplies	3,063.45	
Analyses	2,484.90	
Licence Fees	60.00	
Telephone/ Telex/ Telegrams	154.25	
Expeditor	905.06	
Courier/ Postage/ Air Express	105.84	
Drafting	600.00	
Reprographics - In House	19.25	
Reprographics	650.42	
Photocopies - In House	97.60	
Maps/ Reports/ Publications	97.33	
Report Preparation/ Word Processing	149.00	
Program Management	3,543.94	
		39,249,18
Total		75,860.93

SCHEDULE I
COST STATEMENT COLES LAKE

April 1 to October 31, 1988

Professional Fees:

Month		HRS/DAY	Rate	Total
April	A.W. Gourlay	0.25 Hours	$ 64.00	$ 16.00
May	R.V. Longe	0.75 Hours	88.00	66.00
	G.R. Peatfield	3.75 Hours	88.00	330.00
	A.W. Gourlay	1.25 Hours	64.00	80.00
June	A.W. Gourlay	2.50 Hours	64.00	80.00
July	A.W. Gourlay	9 Days	385.00	3,465.00
	A.W. Gourlay	2.75 Hours	64.00	176.00
August	A.W. Gourlay	8.75 Hours	64.00	560.00
September	A.W. Gourlay	2.25 Hours	64.00	144.00
October	A.W. Gourlay	12.75 Hours	64.00	816.00
				5,813.00

SCHEDULE III
COLES LAKE PFOJECT - COST STATEMENT

April 1 to October 31, 1988

Temporary Staff

Month		HRS/DAY	Rate	Total
May	Linda Lee	1.25 Hours	50.00	62.50
	Zlata Rebic	31.25 Hours	64.00	2,000.00
June	Kevin Miller	59.75 Hours	32.00	1,912.00
	Dave O'Neill	20 Days	165.00	3,300.00
	Suzanne Price	20 Days	235.00	4,700.00
	Zlata Rebic	10 Days	385.00	3,850.00
	Zlata Rebic	12.00 Hours	64.00	768.00
	Joe Ryan	20 Days	165.00	3,300.00
	Eric Scholtes	6 Days	235.00	1,410.00
	Dale Sketchley	8 Days	385.00	3,080.00
	Dale Sketchley	4.00 Hours	64.00	256.00
August	Kevin Miller	3.25 Hours	32.00	104.00
	Dale Sketchley	1.75 Hours	64.00	112.00
September	Kevin Miller	4.25 Hours	32.00	136.00
October	Corny Donders	2.00 Hours	32.00	64.00
	Kevin Miller	0.25 Hours	32.00	8.00
				29,806.00

SCHEDULE III
COLES LAKE PROJECT

April 1 to October 31, 1988

July	Consultants Billed	$ 112.50	
			$112.50
	Casual Staff		
June		$ 233.25	
July		9.00	
August		599.25	
September		33.00	
October		5.25	
			$879.75

APPENDIX IV

Statement of Qualifications

STATEMENT OF QUALIFICATIONS

I, Andrew W. Gourlay, hereby certify that:

1) I am presently employed by MineQuest Exploration Associates Ltd. as Senior Geologist.

2) I am a graduate of the University of British Columbia, (B.Sc. Hons.) 1977, in geology.

3) I am a Professional Geologist in good standing with the Association of Professional Engineers, Geologists and Geophysicists of Alberta, and a Fellow of the Geological Association of Canada.

4) I have practised my profession as geologist for more than 10 years.

5) The information used in this report is based on reports, maps, and data lists on file at MineQuest Exploration Associates Ltd., and personal familiarity with the project area.

Signed: A.W. Gourlay

Andrew W. Gourlay

Dated at Vancouver, British Columbia
this ~~18th~~ 7th day of ~~October~~ November, 1988

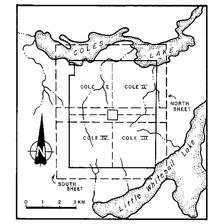
COLES LAKE
COLES LAKE
INDEX MAP TO SAMPLE MAPS
CLAIM MAP
LOCATION MAP
COLE CLAIMS
BRITISH COLUMBIA
ALBERTA
PACIFIC OCEAN
LOW VIEW SHOWINGS
NORTH WEST SHOWING
MAIN SHOWINGS
1
2
LEGEND
ROCK UNITS
(GENERAL AREA OF OUTCROP)
1 Massive to bedded, maroon to green lapilli tuff to tuff
2 Bedded, black mudstone to siltstone
SYMBOLS
Limit of area investigated
Strike/dip of shearing
Strike/dip of fracture/vein
Strike/dip of bedding
GEOLOGICAL BRANCH ASSESSMENT REPORT
17,962
SCALE 1:5000
QPX MINERALS INC.
WHITESAIL PROJECT - OMINECA M.D., B.C.
GEOLOGY
PLAN No. 1292
DRAWN C.D.
DATE AUG. 1988
FIGURE 3
MINEQUEST EXPLORATION ASSOCIATES LTD.

COLES LAKE

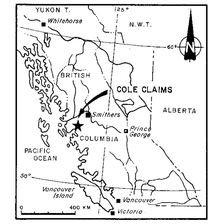
COLES LAKE

JR-06
88009, 88010
ES-3
DAS-550, 551
ZR-331
JR-08
JR-07
ZR-335→338
ZR-330
DAS-570
DAS-549
DAS-547
DAS-548
DAS-546
88006
TRW 150
TRW 125
DAS-569
DAS-568
DAS-567
88005
DAS-564→566
88004
TRW 101
ZR-327, 328
ZR-326, 329
ZR-324, 325
DAS-552-555
ES-2
ES-1
ZR-333
ZR-332
ZR-301
ZR-302
ZR-314
ZR-303
ZR-304
ZR-315
ZR-316→320
ZR-321→323
ZR-334
88008
88007
TRW 260
TRW 230
TRW 201
88001-
88003
JR-03
DO-03
JR-04
JR-05
DO-04
DO-05
DO-06
DO-07
DO-02
DAS-561
DAS-558→560, 562
DAS-563
JR-01
DAS-556
DAS-557
DO-01
JR-02
Sample Nos.
Dist. from O (in meters)
0° point
ZR-305→310
ZR-311→313

INDEX MAPS TO SAMPLE MAP



CLAIM MAP



LOCATION MAP

SELECTED ROCK RESULTS

Sample No.	Pb (ppm)	Zn (ppm)	As (ppm)	Au (ppb)	Hg (ppb)
DO-17	5	33	7	102	30
DO-18	7	38	4	250	60
DO-19	9	41	10	124	10
DO-20	10	55	15	405	20
DO-21	4	26	11	115	20
DO-22	2	19	10	380	30
DO-23	11	35	21	1720	50
DO-24	4	48	6	100	10
DO-25	8	15	10	176	30
DO-26	26	6	15	350	530
JR-6	5769	4165	9	3	240
TRW-88008	69	1643	2	1	10
ZR-311	8	30	28	216	30
ZR-313	15	41	35	1030	100
ZR-323	40	48	7	490	10
ZR-325	18	67	172	6	30
ZR-326	16	98	106	4	10
ZR-327	27	69	134	18	30
DAS-567	629	2317	10	2	30
DAS-568	39	2114	71	1	150
DAS-569	2056	15648	18	1	1200

LEGEND

X JR-03 — ROCK SAMPLE FROM OUTCROP

○ DO-05 — ROCK SAMPLE FROM FLOAT

● TRW 201 — SOIL SAMPLE SITES

NOTES:

Complete results tabulated in Appendix III
Soil samples not analysed.

1:962

SCALE 1:5000

100 50 0 100 200 300 400 Metres

QPX MINERALS INC.

WHITESAIL PROJECT - OMINECA M.D., B.C.

GEOCHEMISTRY

ROCK SAMPLE LOCATIONS AND RESULTS

PLAN No.	DRAWN	DATE	FIGURE
1291	C.D.	AUG. 1988	4
REVISED		N.T.S. 93E/6	

MINEQUEST EXPLORATION ASSOCIATES LTD.