

MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT

10,695  
No

GEOLOGICAL REPORT

MARSHALL RIDGE PROJECT

QUINTO MINING CORPORATION

CLAIMS:       QUINTO A  
                  P.S. 10  
                  P.S. 11  
                  KEN. 1 - 8  
                  HOG. 1 - 4  
                  CAT. 1 - 3  
                  P.S. I  
                  P.S. II

CARPENTER LAKE AREA

LILLOOET MINING DIVISION

NTS 92J/15E and 16W

Lat: 50°52' Long: 122°31W

Author: N.R. Landsberg, B.Sc., M.I.Geol. FGS.

Date of Work: September 5th to October 24th, 1981.

Date of Report: November, 1981.

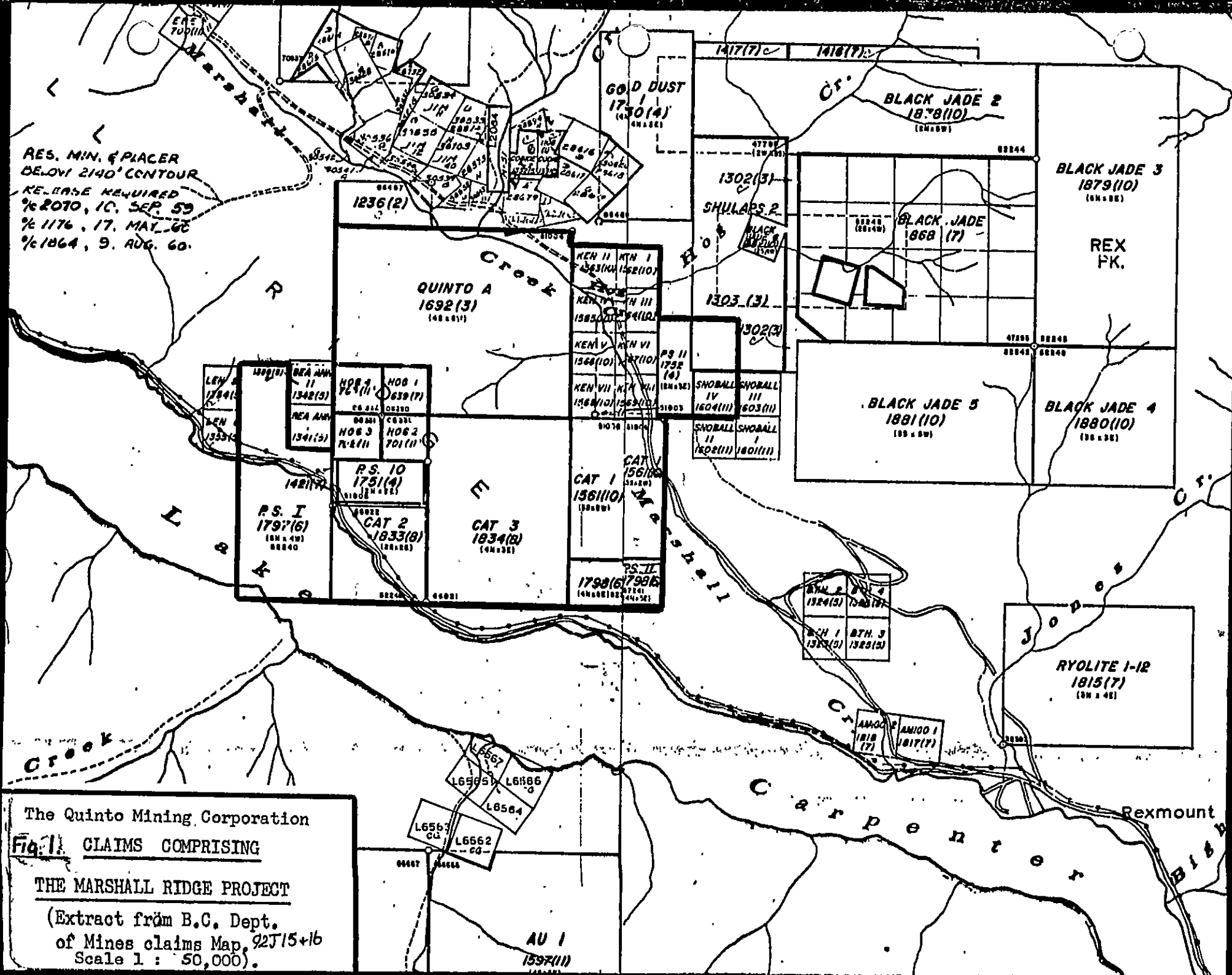
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Fig:	1. Index Map (1:50000 Scale)
Fig:	2. Plan of U.M.T. Workings.
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Appendix:	Assay certificates.

RES. MIN. & PLACER  
 BELOW 2140' CONTOUR  
 RE-BASE REQUIRED  
 % 2070, 10. SEP. 59  
 % 1176, 17. MAY. 66  
 % 1864, 9. AUG. 60.



The Quinto Mining Corporation  
**Fig. 1. CLAIMS COMPRISING**  
**THE MARSHALL RIDGE PROJECT**  
 (Extract from B.C. Dept.  
 of Mines claims Map, 92J15+16  
 Scale 1 : 50,000).

INTRODUCTION

- a) Property - The property comprises the following claims in the

Lillooet Mining Division:-	QUINTO	A
	P.S.	10
	P.S.	11
	KEN.	1 to 8
	HOG.	1 to 4
	CAT.	1 to 3
	P.S.	I
	P.S.	II

- b) Location and Access - The Marshall Ridge project lies on the north shore of Carpenter Lake, 180 km. N.N.E. of Vancouver, B.C. and 155 km. W.N.W. of Kamloops, B.C., in the Lillooet Mining Division. The geographic centre of the claims area is Lat. 50°52'N and Long. 122°31'W. and they lie on maps NTS 92J/15E. and 92J/16W.

Access is along the Bridge River Highway, Highway 40, 78 km. from Lillooet. Marshall Creek Road links the highway to a network of logging roads which traverse the claim group.

- c) General Geology - G.S.C. Map 92/J. shows the claim area to be entirely underlain by the Bridge River (Fergusson) group of Triassic or older age consisting of a varied assemblage of greenstone, basalt, chert, argillite, phyllite and minor limestone which have been intruded in places by serpentinized ultra basic rocks. The rocks are highly contorted and altered and are cut by strong faults, some of which are filled with quartz veins carrying sulphide mineralization and variable gold-silver values.

There are a number of known mineral occurrences in the Fergusson rocks, the most notable of which is probably the Minto Mine which was a successful gold and sulphide mineral producer for a number of years, the mineralization occurring in a quartz-calcite fissure vein. Other mineral occurrences which are, or have been under active exploration are the Peerless property, containing fissure veins with gold, silver, lead and zinc; a large disseminated zone of pyrite, chalcopyrite, and sphalerite occurring on the Wayside property of Carpenter Lake Resources; and the Dauntless prospect, which consists of a quartz vein; in argillite carrying variable gold values.

- d) Summary of Previous Work - The Quinto Mining Corporation has built and improved a series of access roads on the property. In June 1980, consulting engineer, Mr. J.P. Elwell, was commissioned by Quinto Mining Corporation to evaluate the area around the "Hog Claims". An airborne geophysical survey was carried out by consulting geophysicists in June 1981 and followed by a programme of ground geophysics and geochemical sampling. Geological sampling and mapping of the old workings was undertaken by the Quinto Mining Corporation's geologist Mr. N.R. Landsberg.

#### GEOLOGICAL MAPPING OF OLD WORKINGS

Eight individual sets of old workings were examined on this property and they are located on the B.C. Department of Mines claim map as follows:-

L.M.T.	workings on the	HOG.	1 to 4	claims
U.M.T.	" " "	HOG.	1 to 4	"
B.C.T. 1 to 4	" " "	KEN.	1 to 8	"
P.S. 11	" " "	P.S.	11	"
M.C.P.	" " "	CAT.	1	"

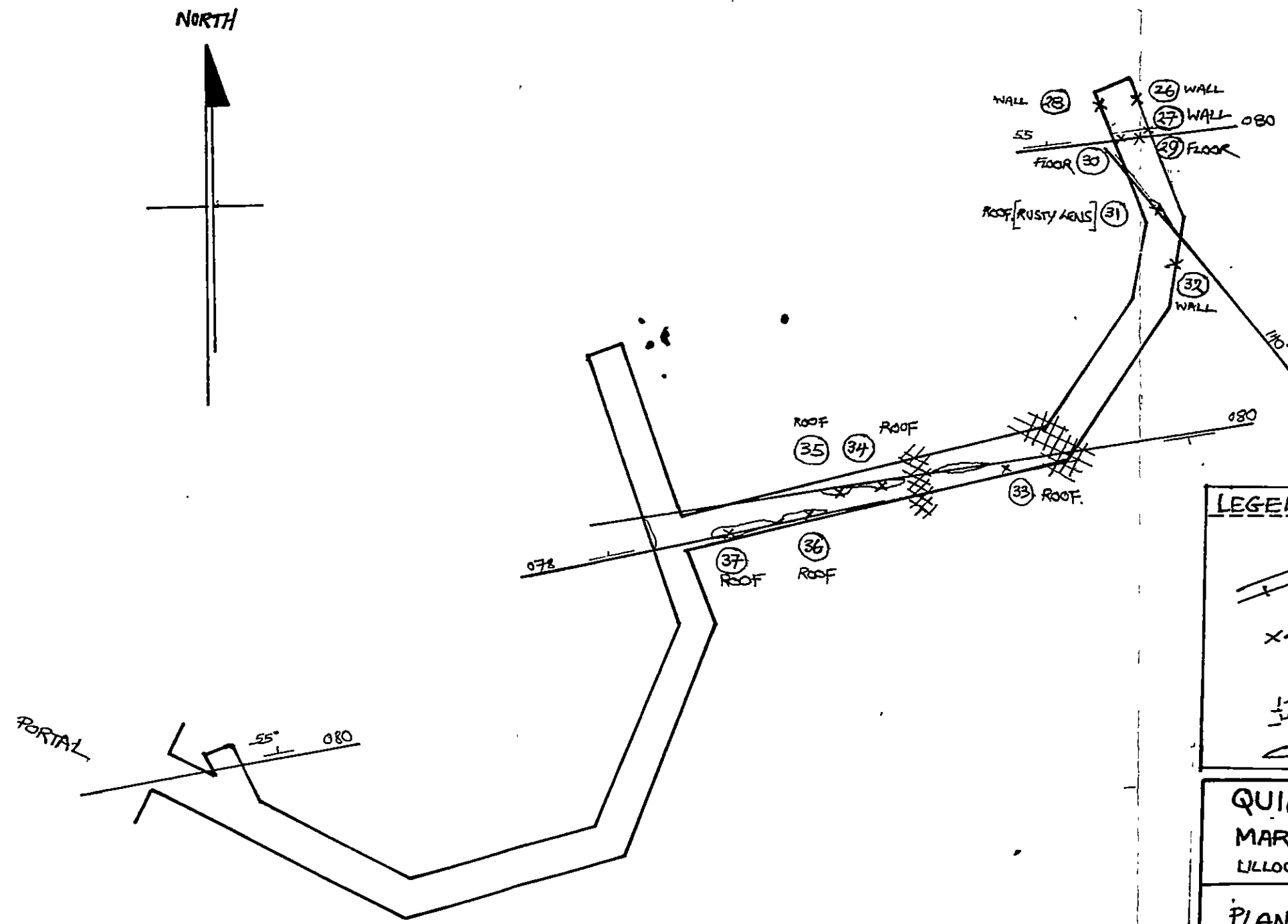
The U.M.T. and L.M.T. workings are developed on a shear structure near the summit of Marshall Ridge and are surrounded by a number of outcropping mineralized, auriferous structures.

The other workings are associated with the valley of Marshall Creek which has been demonstrated by airborne geophysics (G.E.White, July 2nd, 1981), to be coincident with a fault/shear system.

All of the tunnels are driven into rocks of the Fergusson group which includes volcanics, chert, argillite and minor re-crystallized limestones, which are fractured, sheared and altered to varying degrees.

Figures 2 to 5 are maps of the more important workings carried out at a scale of 1 inch to 20 feet. Assay results for the samples obtained appear in the appendix to this report.

- a) Marshall Ridge Structures - Two sets of old workings dating from 1907 were developed along a prominent shear zone visible in a cliff face, and these are shown as U.M.T. and L.M.T. in Fig:1 and Plate I.



MINERAL RESOURCES BRANCH  
 ASSESSMENT REPORT  
**10695**  
 NO.

**LEGEND:-**

	SHEAR ZONE or other significant structure
	STRIKE IN DEGREES
	DIP IN DEGREES
	DIP VERTICAL
	SAMPLE POINT + NUMBER
	BROKEN GROUND
	ROOFFAL; TIMBERS
	MINERALISATION

QUINTO MINING CORPORATION  
 MARSHALL RIDGE PROJECT  
 LILLOGET MINING DIVISION - BRITISH COLUMBIA

PLAN OF UPPER MOUNTAIN TUNNEL  
 [U.M.T.]

SCALE: 1 inch to 20 feet.

Fig. 2.

i) L.M.T. Workings (1402 m. above sea level)

The tunnel was driven along a sheared contact between foliated phyllite and argillite and a massive andesitic volcanic unit. A well developed zone of massive sulphide mineralization is terminated by the vertical shear. The sulphide bearing zone is closely associated with the contact between the andesite and argillitic units, and is dislocated by a series of post-mineralization, normal faults. Most of the structures exposed are steeply dipping to vertical, but the mineralized zone dips generally at  $35^{\circ}$  and overall strike is N.E.-S.W. varying between 10 cm. to 50 cm. in thickness.

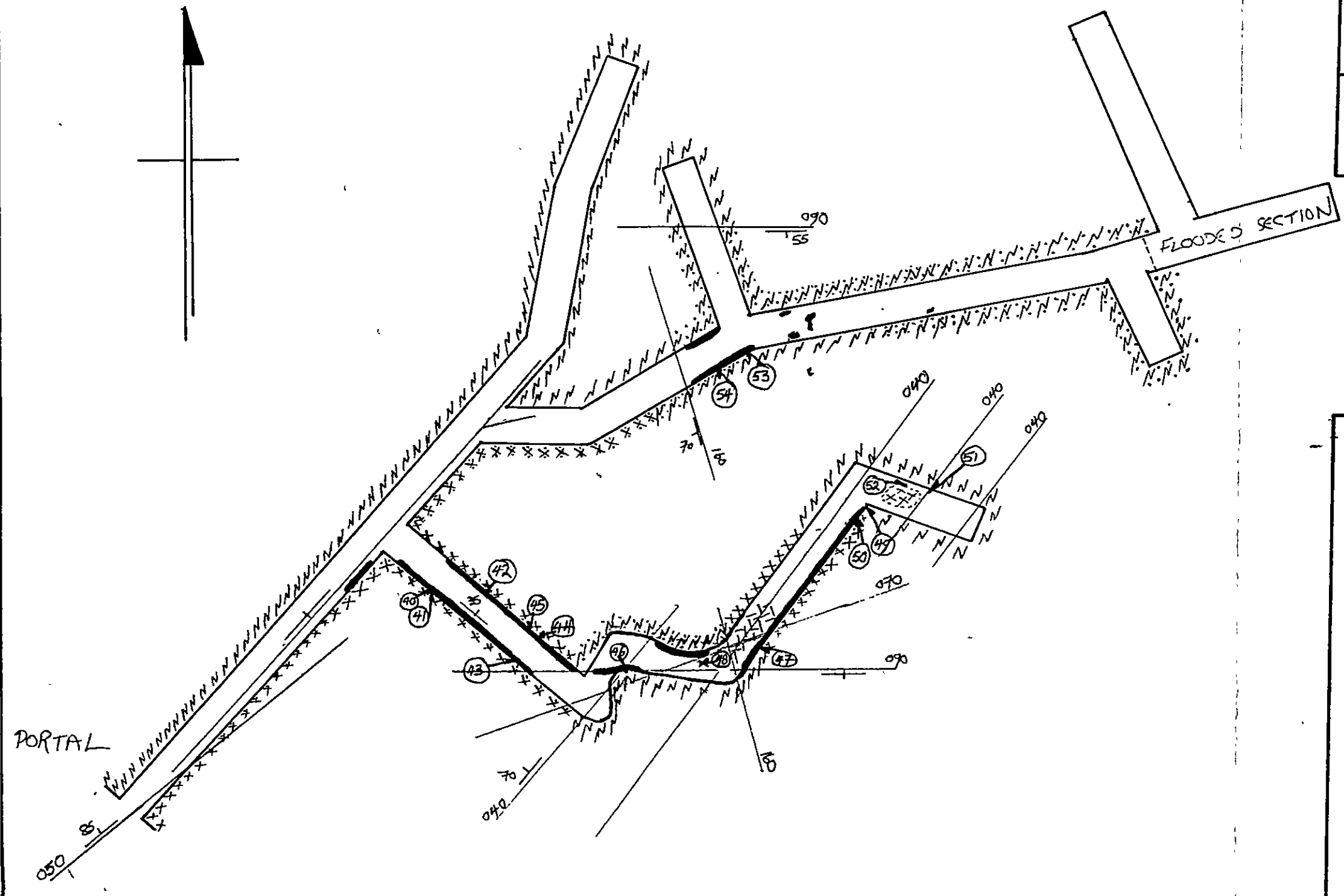
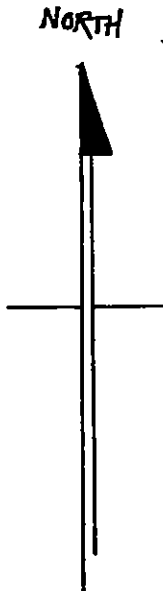
The sulphides present are pyrite, arsenopyrite, pyrrhotite, sphalerite and galena, with minor bornite, stibnite and chalcedonic quartz. The mineralization is visible for over 30 m. strike length and the arithmetic mean values of assayed samples taken from the mineralized zone are as follows:-

<u>SAMPLE</u>	<u>ZINC %</u>	<u>SILVER oz/ton</u>	<u>GOLD oz/ton</u>
S.40	9.79	0.83	0.350
S.42	7.20	1.13	0.146
S.43	5.35	1.48	0.429
S.44	5.40	0.12	0.158
S.46	2.82	0.62	0.222
S.47	1.59	0.22	0.104
S.49	6.62	0.91	0.146
Arithmetic Averages	5.54%	0.76 oz/ton	0.222 oz/ton

ii) U.M.T. Workings (1438 m. above sea level)

The tunnel was driven along the extension of the shear zone seen at the portal of L.M.T. some 36 m. lower in elevation. Apparently due to unstable roof conditions, the workings continued through the shear in massive greenstone until the shear system was encountered 39 m. from the portal.

Samples S.34 and S.37 were taken from mineralized pods in the shear zone and yielded up to 1.16 oz/ton silver, and up to 0.144 oz/ton gold, with zinc to 8.45% on assay.



**QUINTO MINING CORPORATION**  
**MARSHALL RIDGE PROJECT**  
 LILLOET MINING DIVISION - BRITISH COLUMBIA.  
**PLAN OF LOWER MOUNTAIN TUNNEL**  
**[L.M.T.]**  
 SCALE: 1 inch to 20 feet.  
**FIG. 3.**



MINERAL RESOURCES BRANCH  
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**10,695**  
 NO.

**LEGEND:-**

	SHEAR ZONE or other significant structure
	STRIKE in degrees
	DIP in degrees
	DIP vertical
	SAMPLE POINT AND NUMBER
	BROKEN GROUND
	ROOF FALL, TIMBERS
	MINERALIZATION
	ANDESITIC INTRUSION
	CHILLED MARGIN
	CONTACT EXPOSED IN WORKINGS
	ARGILLITE
	BAKED ARGILLITE
	CONTACT EXPOSED IN WORKINGS



Unstable roof conditions were again encountered along the shear and the workings passed through the structure. The last few metres of the workings contain a fracture sharing the same strike as the main shear. Sample S.27 was taken from this fracture and yielded 0.52 oz/ton silver, 0.154 oz/ton gold and 0.75% zinc on assay, (see Appendix p.3.).

b) Marshall Creek (1021 m. above sea level)

i) B.C.T. Tunnels Nos: 1 to 4

The locations of these workings are shown on Fig: 1. and plate I.

B.C.T. 1. was found to be open and available for mapping and sampling over its total length, (Fig:4.).

The tunnel was dug initially following a thin vertical, weakly developed fracture trending S.W. in contorted, schistose argillite carrying scattered pyrite crystals.

A series of crosscutting fractures and shears were seen with varying strikes and dip directions although all were steeply dipping between  $50^{\circ}$  and vertical. A clay filled shear zone is developed near sample number 112, some 23 m. from the portal, and strikes  $160^{\circ}$  dipping at  $70^{\circ}$  S.W. This occurs in a timbered section of the workings indicating unstable roof conditions associated with the shearing, however, the timbers have rotted and fallen. Unstable roof conditions are found at several points in the workings. Some 43 m. from the portal such instability is associated with a wet section into which water is constantly dripping and depositing a calcareous overgrowth on the tunnel walls.

Within 8 m. of the portal there is a faulted contact between the schistose argillite and a fractured, siliceous rock. The latter has a bleached appearance and carries disseminated pyrite crystals as scattered individuals in concentrated patches and in thin veinlets.

The timbering, instability and calcareous overgrowths obscure the nature of the contact between the fractured, siliceous lithology and a massive, indurated quartzitic rock which carries pyrite in the same mode as the previous lithology.



Rock geochemical assays yielded 100 p.p.b. gold and 0.2 p.p.m. silver in sample No:107; 180 p.p.b. and 300 p.p.b. gold with 0.5 p.p.m. silver in sample No:110, (see Appendix P.4, P.5. and P.6.).

The B.C.T.2. old workings have collapsed, however sample S.89 was taken from outcrop by the portal exhibiting copious pyrite as crystals and veinlets in a ruddy weathering, siliceous rock. The sample S.89 ran 0.1 p.p.m. silver and less than 3 p.p.b. gold, (see Appendix P.5. and P.6.).

The B.C.T.3. workings are developed in the fractured, siliceous lithology, however, the tunnel has collapsed. Spotty pyrite mineralization is present and samples O15311 and O15316 yielded traces of gold and silver on assay, (see Appendix P.3.).

The B.C.T.4. workings, extend 7.6 m. from the portal into the fractured siliceous unit and crosscuts a series of 160° trending fractures which carry pyrite as lacey veinlets and crystals. The wall rocks are deeply weathered, however, an unweathered sample yielded 0.1 p.p.m. silver and 20 p.p.b. gold on assay. (Assay S.80. Appendix P.4 and P.5.).

ii) P.S. II Workings (1066 m. above sea level)

These are situated to the east of the Marshall Creek fault structure (see Plate I). The tunnel was driven through rhyolitic to a point 30.5 m. from the portal where a shear forms the contact with massive feldspaphyric basalt. The rhyolite carries considerable quantities of pyrite as crystals with some massive developments. The tunnel was driven along a vertical N-W trending fracture and crosscuts a series of shears trending N. to N.E. Fig:5. shows these to be steeply dipping structures which intersect E-W trending structures. One of these is a well developed shear 6 m. wide from which sample A8 yielded 6.5 p.p.m. silver and 4800 p.p.b. gold from the across contact zone, (see Appendix P.7.). Sample A.9.(Appendix P.7. and P.8.), was taken across a sulphide-bearing pod lying in the plane of shearing and assayed 2.7 p.p.m. silver and 115 p.p.b. gold. Grab samples from the workings yielded traces of silver and gold on assay, (O15312 to O15315, Appendix P.3.).

The massive basalt is not mineralized and the workings terminated here.



iii) M.C.P. Workings (914 m. above sea level)

Plate I. shows that this tunnel is located to the east of the Marshall Creek fault structure. It is developed in volcanics of the Fergusson group along a vertical fracture for some 40 m.

Sulphide mineralization is seen where pyrite crystals are concentrated. Grab samples were taken and the assays yielded traces of gold, silver, copper, zinc and lead. (Samples 15303 to 15308, see Appendix P.9.).

CONCLUSIONS AND RECOMMENDATIONS

The Marshall Ridge workings are in a well defined shear system carrying massive, auriferous, polymetallic sulphide mineralization. The locus of mineralization is the contact between argillite and andesite units. The evidence of the shearing in this vicinity, together with the gold values up to 0.429 oz/ton, shows good potential for discovery of a mineable orebody. A programme of trenching and angle hole diamond drilling will investigate this potential.

The Marshall Creek workings are developed along fractures in silicified rock. Mineralization is disseminated and pyritic rather than associated with contacts. These workings are in the Marshall Creek fault system and close to older, ultra-basic and acid rocks of the Shulaps Mountains. Samples from P.S.11 workings showed significant gold and silver values associated with a shear zone which is an indication of further potential for auriferous mineralization.

Soil geochemical surveys should be conducted around each of the old workings together with magnetometer studies.

STATEMENT OF QUALIFICATIONS

NAME: LANDSBERG, Neal R., M.I.Geol.

PROFESSION: Geologist.

EDUCATION: B.Sc., Geology (honours),  
University of London, England.

PROFESSIONAL

ASSOCIATIONS: Member of the Institution of Geologists, United Kingdom.  
Fellow of the Geological Society of London.

EXPERIENCE: Four years with Opencast Executive of the  
National Coal Board, Great Britain.

One year exploration and evaluation  
programmes for open pit projects.

One year Supervisor of field operations  
and interpretation of downhole geophysical data.

Two years Internal Consultant, exploration geophysics.

Two years working in a geological consulting  
practice associated with a British Mining Company.

STATEMENT OF COSTS

<u>PERSONNEL</u>	<u>DATES</u>	<u>WAGES</u> (per day)	<u>TOTAL</u>
N. Landsberg.	Sept.5. - Oct.24/81	\$ 140.00	\$ 6,860.00
P. Waters.	Sept.5. - Oct.24/81	100.00	4,900.00
P. Schiller.	Sept.5. - Sept.7/81 )		
	Oct,12. - Oct.14/81 }	180.00	1,080.00
FIELD MATERIALS .....			400.00
MEALS AND ACCOMODATION @ \$35.00 man day .....			3,640.00
VEHICLE a) 4x4 (inc. mileage) @ \$40.00 per day .....			1,960.00
VEHICLE b) (inc. mileage) @ \$35.00 per day .....			210.00
GAS .....			600.00
GEOCHEMICAL ANALYSIS AND ASSAYS .....			1,637.00
INTERPRETATION AND REPORTS .....			1,400.00
TOTAL			<u>\$ 22,687.00</u>



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CANADA V7J 2C1  
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TELEX: 043-52597

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## CERTIFICATE OF ASSAY

TO : QUINTO MINING CORPORATION  
211-543 GRANVILLE STREET  
VANCOUVER, B.C.  
V6C 1X8

CERT. # : A8115105-001-A  
INVOICE # : I8115105  
DATE : 25-NOV-81  
P.O. # : NONE  
LMT

Sample description	Prep code	Pb %	Zn %	Ag FA oz/T	Au FA oz/t		
015386 S40 VEIN	205	0.16	9.79	0.83	0.350	--	--
015387 S44 VEIN	205	--	5.40	0.12	0.158	--	--
015388 S46 VEIN	205	--	2.82	0.62	0.222	--	--
015389 S47 VEIN	205	--	1.59	0.22	0.104	--	--
015390 S48 ROOF ROCK	205	--	0.06	0.33	0.054	--	--
015391 S49 VEIN	205	--	6.62	0.91	0.146	--	--
015392 S50 WALL ROCK	205	--	0.51	0.01	0.078	--	--
015393 S51 WALL ROCK	205	--	--	0.05	0.006	--	--
015394 S53 WALL ROCK	205	--	0.02	0.03	<0.003	--	--

Appendix P.1

.....  
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V6C 1X8

CERT. # : A8115104-001-A  
INVOICE # : I8115104  
DATE : 25-NOV-81  
P.O. # : NONE  
UMT

Sample description	Prep code	Cu %	Zn %	Ag FA oz/T	Au FA oz/t		
86001 S26/28 COMPOSITE	205	--	0.01	--	<0.003	--	--
86002 S31	205	--	--	0.40	0.162	--	--
86003 S32	205	<0.01	--	0.04	<0.003	--	--
86004 S34	205	--	--	0.14	0.144	--	--
86005 S35	205	0.04	--	1.16	0.164	--	--
86006 S36	205	--	--	0.78	0.086	--	--

Appendix p2.

.....  
Registered Assayer, Province of British Columbia





To: Quinto Mining Corporation,  
702 - 543 Granville St.,  
Vancouver, B.C.  
V6C 1X8

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6

Telephone: 253 - 3158

File No. 81-1541  
Type of Samples Rock  
Disposition \_\_\_\_\_

UMT  
LMT  
BCT 1 to 3  
PS 11

# ASSAY CERTIFICATE

No.	Sample	Cu%	Zn%	Ni%	Ag oz/ton	Au oz/ton		No.
1	015309		.02		.05	.001	B.C.T. (1)	1
2	015310	.01	.03		.02	.002	B.C.T. (2)	2
3	015311		.01		.03	.001	B.C.T. (3)	3
4	015312		.01		.11	.004	PS.11 = (1)	4
5	015313	.01	.03		.12	.008	PS. 11 - (8)	5
6	015314		.02		.01	.001	PS. 11 WALL ROCK (9)	6
7	015315	.01	.02		.01	.001	PS. 11 - (5)	7
8	015316		.01		.02	.016	(N.B.C.T.) group Q1. S71-AN-D	8
9	015317	.13	8.45		1.16	.095	UMT 837	9
10	015318		.75		.52	.154	UMT 827	10
11	015319		.06		.03	.001	LMT LAK ALM	11
12	015320	.18	7.20		1.13	.146	LMT 842	12
13	015321		5.35	.01	1.48	.429	LMT-843	13
14	015322		.16		.06	.013	85' Logging Rd	14
15								15
16								16
17								17
18								18
19								19
20								20

All reports are the confidential property of clients.

Appendix P.3.

DATE SAMPLES RECEIVED Oct. 6, 1981

DATE REPORTS MAILED Oct. 8, 1981

ASSAYER

Dean Toye  
DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER



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V6C 1X8

CERT. # : A8115126-001-A  
INVOICE # : I8115126  
DATE : 25-NOV-81  
P.O. # : NONE  
BCT

Sample description	Prep code	Au	FA+AA						
			ppb						
BCT 015374 S107	214		100	--	--	--	--	--	--
BCT 015376 S110	214		300	--	--	--	--	--	--
BCT 015378 680	214		20	--	--	--	--	--	--

Appendix P.4

Certified by Hart Bechler





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## CERTIFICATE OF ANALYSIS

TO : QUINTO MINING CORPORATION  
211-543 GRANVILLE STREET  
VANCOUVER, B.C.  
V6C 1X8

CERT. # : A8114963-001-A  
INVOICE # : 18114963  
DATE : 19-NOV-81  
P.C. # : NONE  
BCT

Sample description	Prep code	Ag ppr	AU-AA ppb	[also see FA+AA data 25.nov.]			
BCT 1 015373 S106	205	0.1	<10	--	--	--	--
BCT 1 015374 S107	205	0.2	50	--	--	--	--
BCT 1 015375 S108	205	0.5	140	--	--	--	--
BCT 1 015376 S110	205	0.5	180	--	--	--	--
BCT 1 015377 S113	205	0.1	10	--	--	--	--
BCT 4 015378 S80	205	0.1	--	--	--	--	--
BCT 2 015379 S89	205	0.1	<10	--	--	--	--

Appendix P-5.



Certified by *[Signature]*



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## CERTIFICATE OF ASSAY

TO : QUINTO MINING CORPORATION  
211-543 GRANVILLE STREET  
VANCOUVER, B.C.  
V6C 1X8

CERT. # : A8115290-001-A  
INVOICE # : 18115290  
DATE : 08-DEC-81  
P.O. # : NONE  
PS-11 + BCT

Sample description	Prep code	Ag FA oz/T	Au FA oz/t				
BCT 1 015373 S106	214	0.04	<0.003	--	--	--	--
BCT 1 015374 S107	214	0.01	<0.003	--	--	--	--
BCT 1 015375 S108	214	0.05	0.004	--	--	--	--
BCT 1 015376 S110	214	0.04	0.008 [cf 180ppb]	--	--	--	--
BCT 1 015377 S113	214	0.01	<0.003	--	--	--	--
BCT 4 015378 S80	214	0.01	<0.003	--	--	--	--
BCT 2 015379 S89	214	0.08	<0.003	--	--	--	--
PS 11 015381 SA2	214	0.01	<0.003	--	--	--	--
PS 11 015382 SA4	214	0.06	<0.003	--	--	--	--
PS 11 015383 SA8	214	0.48	<0.003 [7800ppb]	--	--	--	--
PS 11 015384 SA9	214	0.18	<0.003	--	--	--	--
PS 11 015385 SA12	214	0.10	<0.003	--	--	--	--

Appendix P.6

*[Signature]*  
.....  
Registered Assayer, Province of British Columbia





Received  
November 23/81.

# CHEMEX LABS LTD.

212 BROOKSBANK AVE.  
NORTH VANCOUVER, B.C.  
CANADA V7J 2C1  
TELEPHONE: (604)984-0221  
TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

## CERTIFICATE OF ANALYSIS

TC : QUINTO MINING CORPORATION  
211-543 GRANVILLE STREET  
VANCOUVER, B.C.  
V6C 1X8

CERT. # : A8114964-C01-  
INVOICE # : I8114964  
DATE : 19-NOV-81  
P.C. # : NONE  
PS-11

[also see 25 NOV Assay FA+AA.]

Sample description	Prep code	Ag		AU-AA					
		ppm	cf.	ppb	cf.				
015381 SA2	205	0.2	[0.01 g/gm]	10	[<0.003 g/gm]	--	--	--	--
015382 - SA4	205	0.3	[0.06 g/gm]	<10	[<0.003]	--	--	--	--
015383 SA8	205	6.5	[0.15 g/gm]	4800	[<0.003 g/gm]	--	--	--	--
015384 - SA9	205	2.7	[0.18 g/gm]	80	[<0.003]	--	--	--	--
015385 SA12	205	2.7	[0.10 g/gm]	<10	[<0.003 ref.]	--	--	--	--

Appendix p.7



MEMBER  
CANADIAN TESTING  
ASSOCIATION

Certified by Haut Bichler



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## CERTIFICATE OF ANALYSIS

TO : QUINTO MINING CORPORATION  
211-543 GRANVILLE STREET  
VANCOUVER, B.C.  
V6C 1X8

CERT. # : A8115127-001-A  
INVOICE # : 18115127  
DATE : 25-NOV-81  
P.O. # : NONE  
PS-11

[Also see Ag + Au (FA+AA) results 19 Nov.]

Sample description	Prep code	Au	FA+AA					
			ppb					
015382 . SA4	214		20	--	--	--	--	--
015384 . SA9	214		115	--	--	--	--	--

Appendix P.8



MEMBER  
CANADIAN TESTING  
ASSOCIATION

Certified by Hart Bichler



To: Quinto Mining,  
211 - 543 Granville St.,  
Vancouver, B.C.  
V6C 1X8

File No. 81-1367  
Type of Samples Rock  
Disposition \_\_\_\_\_

M.C.P. WORKINGS

# ASSAY CERTIFICATE

Attn.: Mr. Schiller

No.	Sample	Cu%	Pb%	Zn%	Ag oz/ton	Au oz/ton		No.
1	15301 Q2 road samples (en route to Q4)			.01	.02	.001		1
2	15302 Q2 - "			.01	.03	.001		2
3	15303 MCP "PETTY CLAIM" .02		.01	.02	.03			3
4	15304 MCP	.01		.01	.01	.001		4
5	15305 MCP			.01	.03	.001		5
6	15306 MCP					.001		6
7	15307 MCP					.001		7
8	15308 MCP				.03	.002		8
9								9
10								10
11								11
12								12
13								13
14								14
15								15
16								16
17								17
18								18
19								19
20								20

All reports are the confidential property of clients.

Appendix p. 9.

DATE SAMPLES RECEIVED Sept. 17, 1981

DATE REPORTS MAILED Sept. 23, 1981

ASSAYER

*Dean Toye*  
DEAN TOYE, B.Sc.  
CHIEF CHEMIST  
CERTIFIED B.C. ASSAYER





**LEGEND:**

- APPROXIMATE CLAIM BOUNDARY
- FLIGHT LINE
- 5 SECOND INTERVAL
- TOTAL MAGNETIC FIELD INTENSITY CONTOURS, INTERVAL 50  $\gamma$  or 100  $\gamma$
- HIGH SPATIAL FREQUENCY MAGNETOMETER RESPONSE
- VLF-EM ANOMALY
- Q1** GEOPHYSICAL/GEOCHEMICAL ANOMALY AND SURVEYED AREA.
- ➔ LOCATION OF OLD WORKINGS

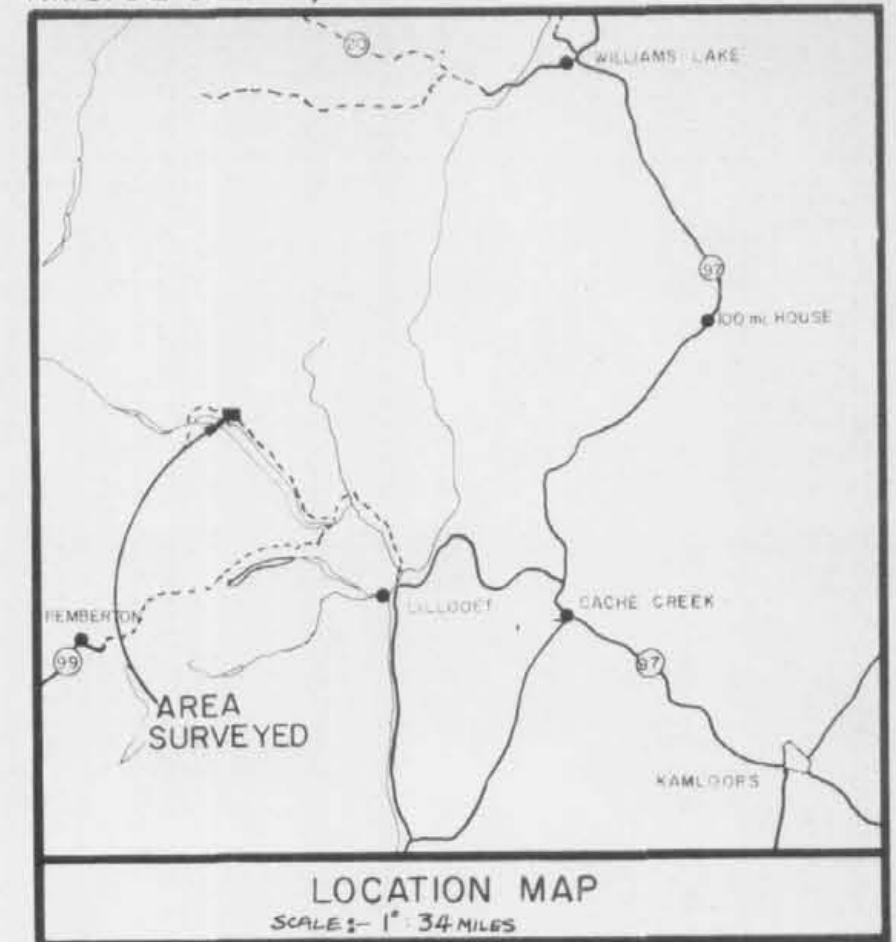
**INSTRUMENTS**

- SABRE AIRBORNE MAGNETOMETER
- SABRE AIRBORNE VLF-ELECTROMAGNETOMETERS
  - i) Jim Creek, Washington - 15.6 KHz
  - ii) Annapolis, Maryland - 21.4 KHz



MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT  
**10,695**  
No.

NTS 92 J/15 E, 92 J/16 W



**QUINTO MINING CORPORATION**  
MARSHALL RIDGE PROJECT  
LILLOOET MINING DIVISION - BRITISH COLUMBIA

**AIRBORNE MAG & VLF-EM SURVEY**  
**GEOPHYSICAL INTERPRETATION MAP**

SHOWING OLD-WORKINGS AND  
SURVEYED AREAS CONTAINING  
ANOMALIES

ADMITTED MAP PREPARED  
To Assesment Geophysical Report on  
The Marshall Ridge Project  
Date: 1988  
By: GLEN E. WHITE B.Sc. GEOPHYSICIST