

5298

PERCUSSION DRILLING REPORT

for

RAILWAY PROPERTY

104 I/4 W

17 November 1974
SS, BRC

by N. J. Dircks

N. J. Dircks

5298

104 I/4W

Department of Mines and Technical Services Geological Survey of Canada Ottawa, Ontario No. <u>5298</u> MAP
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I. ITEMIZED COST STATEMENT

The following expenditures were made in expediting a 15 hole percussion drill program on the Railway Property:

L & L Drilling	8,106.75
Grant Stewart Construction	4,953.55
" " "	997.45
Black's Market Ltd.	1,544.30
Min-en Laboratories Ltd.	451.25
Stikine Services Ltd.	459.00
(Invoices enclosed for above)	
Ground transportation -	
1/2 ton 4 wheel drive pick-up	
12 days (Mar. 6-17) @ \$35/day	420.00
Salaries - Dale Bowers	
12 days (Mar. 6-17) @ \$40/day	480.00
- Jim Twogood	
12 days (Mar. 6-17) @ \$40/day	480.00
	<hr/>
	\$ 17,892.30

L & I DRILLING & EXPLORATIONS LTD.,
P. O. Box 43
Cache Creek, B. C.
March 22, 1974

Mr. Norm Dirke
Project Geologist
Quintana Minerals Corporation
1215 Two Bentall Centre
Vancouver 1, B. C.

Dear Sir:

The following is a statement of our account for Percussion Drilling on your claim group near Iskut Village, during the period March 8th-15th, 1974.

HOLE NO.	BEDROCK DEPTH	FEET CASED	TOTAL DEPTH DRILLED
#H.C.	20'	20'	200'
#H.B.	20'	20'	100'
#H.A.	10'	10'	70'
#H.F.	10'	10'	60'
#H.E.	10'	10'	60'
#H.D.	5'	5'	70'
#H.G.	10'	20'	160'
#H.J.	20'	20'	50'
#H.H.	10'	20'	70'
#H.I.	10'	20'	140'
#H.K.	10'	10'	80'
#H.N.	10'	10'	80'
#H.M.	5'	5'	100'
#H.L.	5'	5'	110'
#H.O.	30'	15'	80'
		TOTAL	1,430

DRILLING CHARGES 1,430' @ 4.00/ft. \$5,720.00
DIFFERENCE BETWEEN 1,430 and 2000' as per discussion with Mr. Dirke
285' @4.00 \$1,140.00

March 22, 1974

STANDBY WAITING FOR CAT.

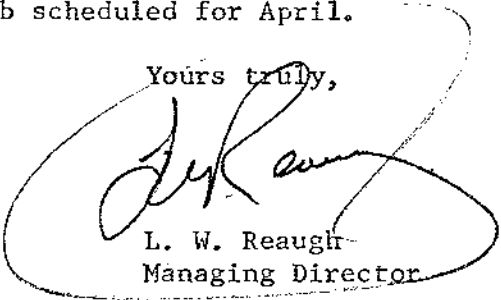
	Hrs.	Drill @ 17.50/hr	Two men @6.50/hr	
Mar 11th	1	\$17.50	\$13.00	\$30.50
Mar 14th	1	17.50	13.00	30.50
Mar 15th	3½	61.25	45.50	106.75

MOBILIZATION UP TO JOB SITE	<u>1,079.00</u>
TOTALS	8,106.75
CREDIT (ADVANCE)	<u>2,000.00</u>

TOTAL AMOUNT DUE \$6,106.75

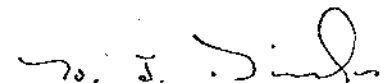
Please find enclosed a statement from Rushfeldt Transport Ltd., showing the mileage for mobilization down. When I receive the bill from them I will forward it to you. Thank you for giving us the opportunity to work with you and we would appreciate bidding on the Queen Charlotte Island job scheduled for April.

Yours truly,



L. W. Reaugh
Managing Director

RAILWAY



II. DRILL LOGS

The enclosed percussion drill logs for Railway Property have been detailed to show hole number, hole length, depth of overburden, collar elevation, sample intervals, sample assay results, and a geological description of rock type drilled. A statement of the qualifications of B. Y. Kim, by whom holes were logged, is included.

GRANT STEWART CONSTRUCTION LTD.

P.O. BOX 160 - CASSIAR, B.C.

Telephone: 778-7455

Telex: 036-8-8523

March 29, 1974.

To:

Quintana Minerals Corporation Ltd.,
1215 - 2 Bentall Centre,
Vancouver 1, B.C.

INVOICE N^o 2543

Interest Charged on Overdue Accounts

Date	Details	Charges	Credits	Balance
	<u>Gnat Lake Project - March 5-16/74</u>			
	D6 #24 ... Working at site 66.5 hours @ \$31.50 per hour	2,094.75		
	D6 #24 ... Standby 7.0 hours @ \$14.90 per hour	104.30		
	Operator travel to and from job site ... 9.0 hours @ \$9.00 per hour	81.00		
	Operator standby ... 17.0 hours @ \$9.00 per hour	n/c		
	Water Truck ... #29 86.0 hours @ \$18.00 per hour	1,548.00		
	Operator standby ... 18.0 hours @ \$9.00 per hour	n/c		
	Hauling costs ...			
	Trip #420 - D6 to job site	214.00		
	Trip #422 - D6 return haul	214.00		
	Trip #433 - Fuel tanks to and from job site	428.00		4,684.05
	1000 gallons fuel @ 49¢ - 490.00			
	450 gallons fuel @ 49¢ -(220.50) Ret.	269.50		
	Fuel Tank Rental	n/c		4,953.55

[Handwritten Signature]
RAILWAY

GRANT STEWART CONSTRUCTION LTD.

P.O. BOX 160 - CASSIAR, B.C.

Telephone: 778-7455

Telex: 036-8-8523

March 28, 1974.

To:

L & L Drilling,
Box 43,
Cache Creek, B.C.

INVOICE N^o 2534

Interest Charged on Overdue Accounts

Date	Details	Charges	Credits	Balance
March 19	Haul Drill Rigs from Gnat Pass to Huston, B.C.			
	Trip Ticket #437	957.75		957.75
	1 - Battery	39.70		997.45

RAILWAY

W. J. D.

INVOICE

BLACK'S MARKET Ltd.

EDDONTENAJON, B.C. VIA ISKUT, B.C. VOJ 1K0

GENERAL STORE • POST OFFICE • GAS
MOTEL.

To Quintana Minerals
1215 - 555 Burrard St.,
Vancouver, B.C.

Nº 759

QUANTITY	DESCRIPTION	PRICE	AMOUNT
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TERMS OF SALE: WHENEVER GOODS AND/OR SERVICES ARE RECEIVED BY THE UNDERSIGNED PURCHASER OR HIS DULY AUTHORIZED REPRESENTATIVE PRIOR TO PAYMENT OF THIS INVOICE IN FULL, IT IS HEREBY UNDERSTOOD AND AGREED THAT TITLE TO THE BELOW DESCRIBED GOODS SHALL REMAIN IN BLACK MARKET UNTIL FULL PAYMENT INCLUDING ALL TAXES HAS BEEN EFFECTED AND THAT THIS INVOICE SHALL BECOME DUE AND PAYABLE ON THE 10TH DAY OF THE MONTH FOLLOWING PURCHASE AND THAT INTEREST AT THE RATE OF 1 1/2% PER MONTH (18% P.A.) SHALL BE PAYABLE BY THE PURCHASER FROM THE DUE DATE ON ANY UNPAID PORTION OF THIS INVOICE.

To Room and Board for:-

1.	N. Durcku (Mar. 3-17 incl.)		303.65
2.	D. Bowers (Mar 3-17 incl)		274.50
3.	J. Jungrod (Mar 3-17 incl)		274.50
4.	R. Jameson (Mar. 5-16 incl)		238.65
5.	G. Cook (Mar. 6-16 incl)		213.00
6.	H. Mitchell (Mar 4-16 incl)		240.00

Railway

P. Black
SALESMAN'S SIGNATURE

J. J. Smith
CUSTOMER'S SIGNATURE

YOUR ORDER No.

March 17/74
DATE

SUB TOTAL	<i>1,544.30</i>
5% S.S. TAX	<i>INCL.</i>
TOTAL	<i>1,544.30</i>

INVOICE

MIN-EN LABORATORIES LTD.

705 WEST 15TH STREET
 NORTH VANCOUVER, B.C.
 Phone: 980-5814

Nº 1159

DATE April 19/74.
 YOUR
 ORDER NO.

TO . Quintana Mineral Exploration,
 . 1215 - #2 Bentall Centre,
 . Vancouver, B.C.

OUR ORDER NO.	TERMS	F.O.B.	Mr. Wolfhard	
732				
QUANTITY	STOCK NUMBER/DESCRIPTION	UNIT PRICE		AMOUNT
115	rock geochem - Cu, Zn	1	50	172 50
115	rock sample preparation	1	50	172 50
15	composites - Ag & Au	4	25	63 75
15	making composites	1	50	22 50
1	spectrographic analysis	20	00	20 00
	TOTAL			451 25 ✓
<i>Lid Lake</i>				
NET TERMS: TO BE PAID WITHIN 30 DAYS				

William D. ...
...

...

...

2 short days ... \$ 125.00

8 long days ... \$ 320.00

10% handling charges \$ 30.00

Truck Rental

150 miles @ 20¢/mile \$ 30.00

Total

\$ 450.00

Railway

W. J. ...

QUINTANA MINERALS CORPORATION

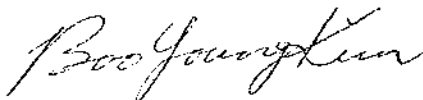
1215 - TWO BENTALL CENTRE
VANCOUVER, BRITISH COLUMBIA V7X 1G4

(AREA CODE 604)
TELEPHONE 688-4688

STATEMENT OF QUALIFICATIONS

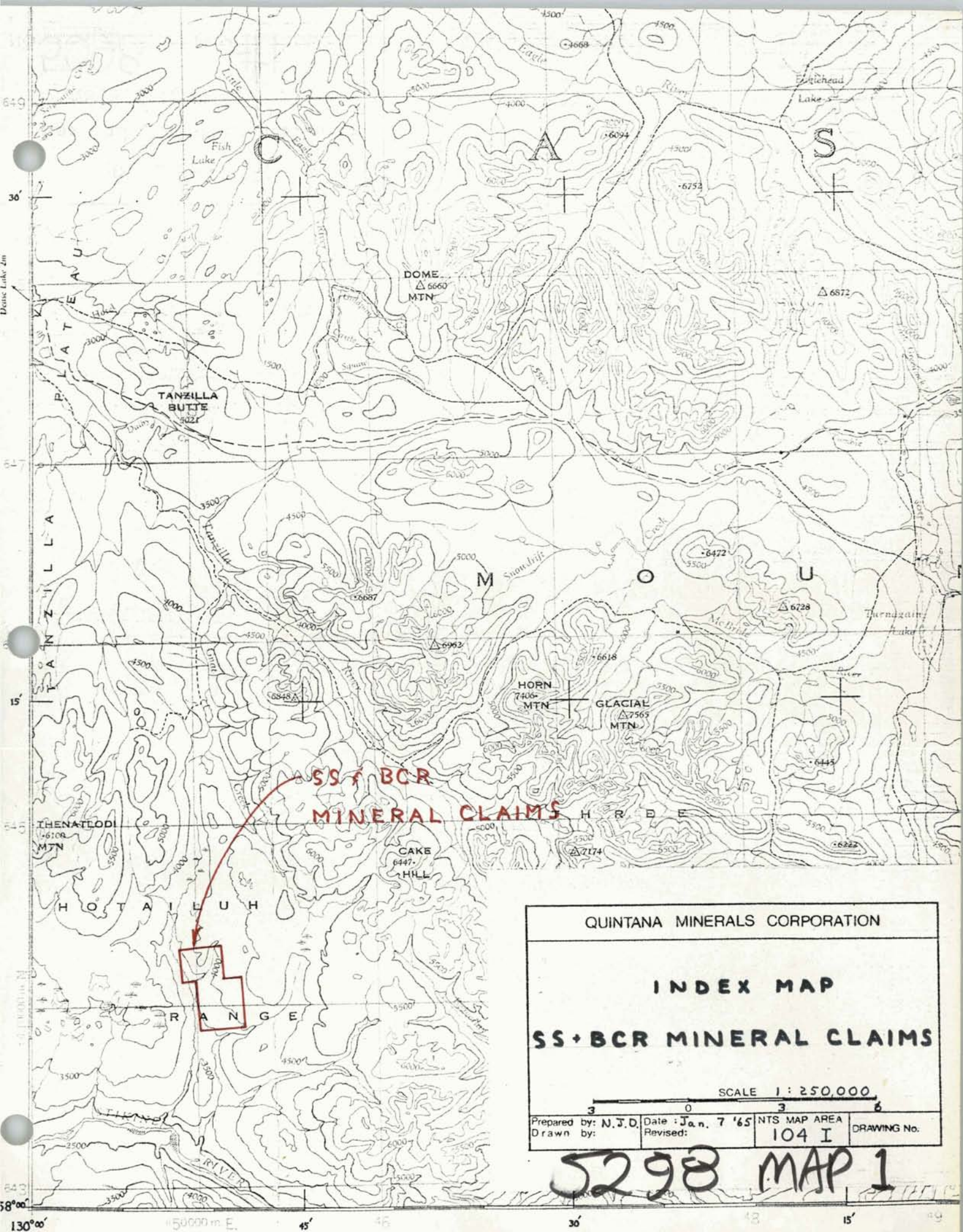
I, Boo Y. Kim of Vancouver, B.C., do hereby state:

- (1) that I have a degree in geology granted by Seoul National University, Seoul, Korea;
- (2) that I am an employee of Quintana Minerals Corporation, 1215 - 555 Burrard Street, Vancouver, B.C. and have been since May 1973;
- (3) that I was an employee of Arrow Inter-America Corporation, Vancouver, B.C. for the period from May 1970 to April 1973;
- (4) that I reside at 849 Laidmore Road, Richmond, B.C.;
- (5) that I have personal knowledge of the RAILWAY PROPERTY and the percussion drill logs enclosed in this report were prepared by myself in March 1974.



BOO Y. KIM
Geologist

November 18, 1974



SS + BCR
MINERAL CLAIMS

QUINTANA MINERALS CORPORATION			
INDEX MAP			
SS + BCR MINERAL CLAIMS			
SCALE 1 : 250,000			
Prepared by: N.J.D.	Date: Jan. 7 '65	NTS MAP AREA	DRAWING No.
Drawn by:	Revised:	104 I	

5298 MAP 1

DRILL SAMPLE RECORD

<input checked="" type="checkbox"/>	GRANITE	_____
<input type="checkbox"/>	VOLCANIC	_____
<input type="checkbox"/>	SEDIMENT	_____
<input type="checkbox"/>	SCHIST	_____

Hole No. 1 Page No. 1 of 1

Property RAILWAY Length 200 ft

Lat. _____ Drill Type Percussion

District Liard, M.D. Bearing _____

Dip _____ Hole Size 2"

Commenced March 8/1974 Dip vertical

Elev. 3400 ft. Contractor L. & L. Drilling

Logged by B.Y. Kim *BK*

Completed March 9/1974

Approved by _____ Date _____

SAMPLE No.	FOOTAGE		SAMPLE LENGTH	% Recovery	SULPHIDE ANALYSIS						OXIDE ANALYSIS			ROCK DESCRIPTION AND NOTES	GRAPHIC LOG	
	FROM	TO			Au	Ag	Cu	Pb	Zn	Mo ¹²	Cu	Mo	FOOTAGE		ROCK TYPE	
	0	120					-		-					Overburden		
1801	120	130					29		55					Quartz Monzonite; medium grained with		
1802	130	140					34		69					fine grained mafics; mafics broken and		
1803	140	150					N.S.							weakly altered to chlorite; minor rust		
1804	150	160					29		55					on fracture faces; fine diss. magnetite		
1805	160	170					23		44					minor epidote.		
1806	170	180					20		39					Same rock type throughout the hole		
1807	180	190					19		35					Very minor disseminated pyrite		
1808	190	200					16		29					throughout. Probably contains some		
							<.01	0.6	(composite)					mafic dykes		

DRILL SAMPLE RECORD

- GRANITE
- VOLCANIC
- SEDIMENT
- SCHIST

Hole No. 2 Page No. 1 of 1
 Property RAILWAY
 District Liard M.D.
 Commenced March 10, 1974
 Completed _____

Length 100 ft.
 Bearing _____
 Dip vertical

Lat. _____
 Dip _____
 Elev. 3370 ft.

Drill Type Percussion
 Hole Size 2"
 Contractor L & L Drilling

Logged by B.Y. Kim
 Approved by _____ Date _____

SAMPLE No.	FOOTAGE		SAMPLE LENGTH	% Recovery	SULPHIDE ANALYSIS ppm						OXIDE ANALYSIS		ROCK DESCRIPTION AND NOTES	GRAPHIC LOG	
	FROM	TO			Au	Ag	Cu	Pb	Zn	Mo ⁺⁺	Cu	Mo		FOOTAGE	ROCK TYPE
	0	20											Overburden		
1809	20	30					2		25				Quartz Monz. medium coarse grained		
1810	30	40					2		13				less mafic content and lighter in color		
1811	40	50					2		13				than hole #1. No alteration.		
1812	50	60					3		21				No sulphides		
1813	60	70					2		9						
1814	70	80					2		14				Grain size becoming medium to fine		
1815	80	90					5		18				below 50 ft.		
1816	90	100					5		12						
						.01	0.2	(composite)							

DRILL SAMPLE RECORD

<input type="checkbox"/>	GRANITE	<input type="checkbox"/>	_____	<input type="checkbox"/>	_____
<input checked="" type="checkbox"/>	VOLCANIC	<input type="checkbox"/>	_____	<input type="checkbox"/>	_____
<input type="checkbox"/>	SEDIMENT	<input type="checkbox"/>	_____	<input type="checkbox"/>	_____
<input type="checkbox"/>	SCHIST	<input type="checkbox"/>	_____	<input type="checkbox"/>	_____

Hole No. 3 Page No. 1 of 1
 Property RAILWAY
 District Liard M.D.
 Commenced March 10/1974
 Completed _____

Length 70 ft
 Bearing _____
 Dip vertical

Lat. _____
 Dip _____
 Elev. 3340 ft.

Drill Type Percussion
 Hole Size 2"
 Contractor L & L Drilling

Logged by *BK*
 Approved by _____ Date _____

SAMPLE No.	FOOTAGE		SAMPLE LENGTH	% Recovery	SULPHIDE ANALYSIS ppm						OXIDE ANALYSIS		ROCK DESCRIPTION AND NOTES	GRAPHIC LOG	
	FROM	TO			Au	Ag	Cu	Pb	Zn	Mo ⁺⁺	Cu	Mo		FOOTAGE	ROCK TYPE
	0	10													
1817	10	20					92		44					Overburden	
1818	20	30					79		47					Andesite fine grained; dark greenish grey. Very minor disseminated pyrite throughout the hole.	
1819	30	40					245		50						
1820	40	50					134		44						
1821	50	60					88		81						
1822	60	70					154		39						
							.01		1.4 (composite)						

DRILL SAMPLE RECORD

<input checked="" type="checkbox"/>	GRANITE	<input type="checkbox"/>	
<input type="checkbox"/>	VOLCANIC	<input type="checkbox"/>	
<input type="checkbox"/>	SEDIMENT	<input type="checkbox"/>	
<input type="checkbox"/>	SCHIST	<input type="checkbox"/>	

Hole No. 4 Page No. 1 of 1

Property RAILWAY Length 60 ft.

District Liard M.D. Bearing _____

Commenced March 11/1974 Dip vertical

Completed _____

Lat. _____

Dip _____

Elev. 3690 ft.

Drill Type Percussion

Hole Size 2"

Contractor L. & L. Drilling

Logged by B.Y. Kim *BK*

Approved by _____ Date _____

SAMPLE No.	FOOTAGE		SAMPLE LENGTH	% Recovery	SULPHIDE ANALYSIS						OXIDE ANALYSIS		ROCK DESCRIPTION AND NOTES	GRAPHIC LOG	
	FROM	TO			Au	Ag	Cu	Pb	Zn	Mo [±]	Cu	Mo		FOOTAGE	ROCK TYPE
	0	10											Overburden		
1823	10	20					19		25				Quartz monzonite, medium grained,		
1824	20	30					18		34				with biotite porphyry dykes; no		
1825	30	40					17		27				dykes below 60 ft., some feldspar		
1826	40	50					15		28				weakly altered; minor diss. chlorite		
1827	50	60					17		29				after biotite; very minor pyrite		
													throughout.		
							<.01	0.6	(composite)						

DRILL SAMPLE RECORD

<input checked="" type="checkbox"/> GRANITE	_____	_____
<input type="checkbox"/> VOLCANIC	_____	_____
<input type="checkbox"/> SEDIMENT	_____	_____
<input type="checkbox"/> SCHIST	_____	_____

Hole No. 5 Page No. 1 of 1

Property RAILWAY Length 60 ft.
 District Liard M.D. Bearing _____
 Commenced March 11/1974 Dip vertical
 Completed March 11/74

Lat. _____ Drill Type Percussion
 Dip _____ Hole Size 2"
 Elev. 3710 ft. Contractor L & L Drilling

Logged by B.Y. Kim
 Approved by _____ Date _____

SAMPLE No.	FOOTAGE		SAMPLE LENGTH	% Recovery	SULPHIDE ANALYSIS						OXIDE ANALYSIS		ROCK DESCRIPTION AND NOTES	GRAPHIC LOG	
	FROM	TO			Au	Ag	Cu	Pb	Zn	Mo ²⁺	Cu	Mo		FOOTAGE	ROCK TYPE
	0	10											Overburden		
1828	10	20					43		13				Quartz monzonite - f/m grained;		
1829	20	30					46		10				mafics altered mostly to chlorite		
1830	30	40					47		13				with weak clay-sericite alteration		
1831	40	50					63		14				after feldspars;		
1832	50	60					49		18				Very minor pyrite and diss. fine		
													crystals of magnetite		
													Alteration decreases with depth		

<.01 o.5 (composite)

DRILL SAMPLE RECORD

<input checked="" type="checkbox"/> GRANITE	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> VOLCANIC	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> SEDIMENT	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> SCHIST	<input type="checkbox"/>	<input type="checkbox"/>

Hole No. 6 Page No. 1 of 1
 Property RAILWAY
 District Liard M.D.
 Commenced March 11/1974
 Completed March 11/1974

Length 70 ft. Lat. _____
 Bearing _____ Dip _____
 Dip vertical Elev. 3680 ft.

Drill Type Percussion
 Hole Size 2"
 Contractor L & L Drilling

Logged by B.Y. Kim
 Approved by _____ Date _____

SAMPLE No.	FOOTAGE		SAMPLE LENGTH	% Recovery	SULPHIDE ANALYSIS						OXIDE ANALYSIS		ROCK DESCRIPTION AND NOTES	GRAPHIC LOG	
	FROM	TO			Au	Ag	Cu	Pb	Zn	Mo ⁺⁺	Cu	Mo		FOOTAGE	ROCK TYPE
	0	10											Overburden		
1833	10	20					8			33			Quartz Monzonite, medium grained;		
1834	20	30					6			32			weak alteration; some fresh un-		
1835	30	40					9			27			altered biotite remaining;		
1836	40	50					8			26					
1837	50	60					1			18			50 - 60' Highly altered to quartz-		
1838	60	70					6			29			sericite with minor diss. pyrite.		
							<.01			.2 (composite)					

DRILL SAMPLE RECORD

<input checked="" type="checkbox"/>	GRANITE	<input type="checkbox"/>	_____
<input type="checkbox"/>	VOLCANIC	<input type="checkbox"/>	_____
<input type="checkbox"/>	SEDIMENT	<input type="checkbox"/>	_____
<input type="checkbox"/>	SCHIST	<input type="checkbox"/>	_____

Hole No. 7 Page No. 1 of 1

Property RAILWAY Length 160 ft.

Lat. _____ Drill Type Percussion

District Liard M.D. Bearing _____

Dip _____ Hole Size 2"

Commenced March 12/1974 Dip vertical

Elev. 3890 ft. Contractor L. & L. Drilling

Logged by B.Y. Kim *BK*

Completed March 12/1974

Approved by _____ Date _____

SAMPLE No.	FOOTAGE		SAMPLE LENGTH	% Recovery	SULPHIDE ANALYSIS						OXIDE ANALYSIS			ROCK DESCRIPTION AND NOTES	GRAPHIC LOG	
	FROM	TO			Au	Ag	Cu	Pb	Zn	Mo ^{1/2}	Cu	Mo	FOOTAGE		ROCK TYPE	
	0	10												Overburden		
1845	10	20					107			30				Quartz Monzonite, weakly altered,		
1846	20	30					84			28				fine grained, minor oxidation to 30 ft.		
1847	30	40					94			20				weak alteration persistant throughout		
1848	40	50					59			27				the hole minor dissem. sulphide mainly		
1849	50	60					55			19				on fracture face.		
1850	60	70					63			19						
1851	70	80					93			15						
1852	80	90					66			14						
1853	90	100					77			20						
1854	100	110					59			15						
1855	110	120					52			18						
1856	120	130					51			15						
1857	130	140					74			24						
1858	140	150					53			17						
1859	150	160					58			17						
							<.01	.4	(composite)							

DRILL SAMPLE RECORD

<input checked="" type="checkbox"/>	GRANITE	<input type="checkbox"/>	_____
<input type="checkbox"/>	VOLCANIC	<input type="checkbox"/>	_____
<input type="checkbox"/>	SEDIMENT	<input type="checkbox"/>	_____
<input type="checkbox"/>	SCHIST	<input type="checkbox"/>	_____

Hole No. 9 Page No. 1 of 1

Property RAILWAY Length 70 ft.

Lat. _____

Drill Type Percussion

District Liard M.D. Bearing _____

Dip _____

Hole Size 2"

Commenced March 13/1974 Dip vertical

Elev. 3890 ft.

Contractor L. & L. Drilling

Logged by B.Y. Kim *BK*

Completed _____

Approved by _____ Date _____

SAMPLE No.	FOOTAGE		SAMPLE LENGTH	% Recovery	SULPHIDE ANALYSIS						OXIDE ANALYSIS		ROCK DESCRIPTION AND NOTES	GRAPHIC LOG	
	FROM	TO			Au	Ag	Cu	Pb	Zn	Mo ¹²	Cu	Mo		FOOTAGE	ROCK TYPE
	0	10											Overburden		
1839	10	20					14		22				Qtz Monzonite, very weak chlorite		
1840	20	30					45		20				alteration throughout, minor oxidation (30 - 40')		
1841	30	40					117		15						
1842	40	50					20		13				Fine diss. sulphide (pyrite minor Cpy)		
1843	50	60					20		17						
1844	60	70					56		13						
							.03		.3 (composite)						

DRILL SAMPLE RECORD

<input checked="" type="checkbox"/> GRANITE	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> VOLCANIC	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> SEDIMENT	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> SCHIST	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Hole No. 10 Page No. 1 of 1
 Property RAILWAY Length 140 ft. Lat. _____ Drill Type Percussion
 District Liard M.D. Bearing _____ Dip _____ Hole Size 2"
 Commenced March 13/1974 Dip vertical Elev. 3810 ft. Contractor L & L Drilling Logged by B.Y. Kim
 Completed March 13/1974 Approved by _____ Date _____

SAMPLE No.	FOOTAGE		SAMPLE LENGTH	% Recovery	SULPHIDE ANALYSIS						OXIDE ANALYSIS		ROCK DESCRIPTION AND NOTES	GRAPHIC LOG	
	FROM	TO			Au	Ag	Cu	Pb	Zn	Mo**	Cu	Mo		FOOTAGE	ROCK TYPE
	0	10											Overburden		
1861	10	20					4		7				Qtz. Monzonite (?) medium fine grained		
1862	20	30					3		22				pervasively altered to quartz-sericite (10-20')		
1863	30	40					3		17				bleached white color; fresh/weak altered		
1864	40	50					5		25				section (20 - 70') with fine magnetite		
1865	50	60					20		27				and pyrite; increasing alteration from		
1866	60	70					12		27				80' with depth.		
1867	70	80					9		14						
1868	80	90					8		23						
1869	90	100					2		19						
1870	100	110					3		23						
1871	110	120					5		15						
1872	120	130					3		8						
1873	130	140					1		12						
							.01		.5 (composite)						

DRILL SAMPLE RECORD

<input checked="" type="checkbox"/>	GRANITE	<input type="checkbox"/>	_____	<input type="checkbox"/>	_____
<input type="checkbox"/>	VOLCANIC	<input type="checkbox"/>	_____	<input type="checkbox"/>	_____
<input type="checkbox"/>	SEDIMENT	<input type="checkbox"/>	_____	<input type="checkbox"/>	_____
<input type="checkbox"/>	SCHIST	<input type="checkbox"/>	_____	<input type="checkbox"/>	_____

Hole No. 11 Page No. 1 of 1

Property RAILWAY Length 80 ft

District Liard M.D. Bearing _____

Commenced March 13/1974 Dip vertical

Completed March 13/1974

Lat. _____

Dip _____

Elev. 4070 ft.

Drill Type Percussion

Hole Size 2"

Contractor L & L Drilling

Logged by B.V. Kim *BK*

Approved by _____ Date _____

SAMPLE No.	FOOTAGE		SAMPLE LENGTH	% Recovery	SULPHIDE ANALYSIS						OXIDE ANALYSIS		ROCK DESCRIPTION AND NOTES	GRAPHIC LOG		
	FROM	TO			Au	Ag	Cu	Pb	Zn	Mo ²⁺	Cu	Mo		FOOTAGE	ROCK TYPE	
	0	10														
1877	10	20					18		18					Overburden		
1878	20	30					17		18					Qtz Monzonite - fine grained		
1879	30	40					20		19					sparse quartz; very weakly altered;		
1880	40	50					13		21					minor diss. sulphide mainly on		
1881	50	60					15		19					fracture face		
1882	60	70					19		20							
1883	70	80					26		21							
						.01	.5	(composite)								

DRILL SAMPLE RECORD

<input checked="" type="checkbox"/> GRANITE	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> VOLCANIC	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> SEDIMENT	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> SCHIST	<input type="checkbox"/>	<input type="checkbox"/>

Hole No. 12 Page No. 1 of 1

Property RAILWAY Length 80 ft.

Lat. _____

Drill Type Percussion

District Liard M.D. Bearing _____

Dip _____

Hole Size 2"

Commenced March 14/1974 Dip vertical

Elev. 4130 ft.

Contractor L & L Drilling

Logged by B.V. Kim *BVK*

Completed March 14/1974

Approved by _____ Date _____

SAMPLE No.	FOOTAGE		SAMPLE LENGTH	% Recovery	SULPHIDE ANALYSIS						OXIDE ANALYSIS		ROCK DESCRIPTION AND NOTES	GRAPHIC LOG	
	FROM	TO			Au	Ag	Cu	Pb	Zn	Mo [±]	Cu	Mo		FOOTAGE	ROCK TYPE
	0	10											Overburden		
1884	10	20					7		27				Fine grained Qtz Monzonite - Qtz. Diorite (?),		
1885	20	30					4		23				minor quartz; very weakly altered with		
1886	30	40					4		24				fresh biotite remaining		
1887	40	50					6		19				No mineralization, minor diss. fine		
1888	50	60					3		21				grained magnetite		
1889	60	70					3		16						
1890	70	80					2		24						
							.01	0.3	(composite)						

DRILL SAMPLE RECORD

<input checked="" type="checkbox"/>	GRANITE	_____	_____
<input type="checkbox"/>	VOLCANIC	_____	_____
<input type="checkbox"/>	SEDIMENT	_____	_____
<input type="checkbox"/>	SCHIST	_____	_____

Hole No. 13 Page No. 1 of 1
 Property RAILWAY
 District Liard M.D.
 Commenced March 14/1974
 Completed March 14/1974

Length 100 ft Lat. _____
 Bearing _____ Dip _____
 Dip vertical Elev. 4120 ft

Drill Type Percussion
 Hole Size 2"
 Contractor L & L Drilling

Logged by B.Y. Kim *[Signature]*
 Approved by _____ Date _____

SAMPLE No.	FOOTAGE		SAMPLE LENGTH	% Recovery	SULPHIDE ANALYSIS						OXIDE ANALYSIS		ROCK DESCRIPTION AND NOTES	GRAPHIC LOG		
	FROM	TO			Au	Ag	Cu	Pb	Zn	Mo ²⁺	Cu	Mo		FOOTAGE	ROCK TYPE	
	0	5														
1891	5	10					42		39					Overburden		
1892	10	20					15		18					Quartz Monzonite, medium grained		
1893	20	30					13		19					moderately fresh with minor chlorite		
1894	30	40					9		29					alteration		
1895	40	50					16		28					Weathering rust (10 - 20')		
1896	50	60					9		28					No mineralization		
1897	60	70					8		24							
1898	70	80					15		18							
1899	80	90					6		22							
1900	90	100					8		25							
							.01		0.3					(composite)		

DRILL SAMPLE RECORD

<input checked="" type="checkbox"/>	GRANITE	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	VOLCANIC	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	SEDIMENT	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	SCHIST	<input type="checkbox"/>	<input type="checkbox"/>

Hole No. 14 Page No. 1 of 1
 Property RAILWAY
 District Liard M.D.
 Commenced March 15/1974
 Completed March 15/1974

Length 110 ft.
 Bearing _____
 Dip vertical

Lat. _____
 Dip _____
 Elev. 3970 ft.

Drill Type Percussion
 Hole Size 2"
 Contractor L & L Drilling

Logged by B.Y. Kim
 Approved by _____ Date _____

SAMPLE No.	FOOTAGE		SAMPLE LENGTH	% Recovery	SULPHIDE ANALYSIS						OXIDE ANALYSIS			ROCK DESCRIPTION AND NOTES	GRAPHIC LOG	
	FROM	TO			Au	Ag	Cu	Pb	Zn	Mo**	Cu	Mo	FOOTAGE		ROCK TYPE	
	0	10												Overburden		
1901	10	20					11			22				Otz. Monzonite, very weakly altered		
1902	20	30					18			22				medium-fine grained		
1903	30	40					6			27				slight increase of alteration with		
1904	40	50					4			17				depth		
1905	50	60					4			19						
1906	60	70					10			21						
1907	70	80					6			16						
1908	80	90					5			17						
1909	90	100					7			18						
1910	100	110					6			15						
1911	110	120					6			15						
						.01	0.2	(composite)								

DRILL SAMPLE RECORD

<input type="checkbox"/>	GRANITE	<input type="checkbox"/>	
<input type="checkbox"/>	VOLCANIC	<input type="checkbox"/>	
<input type="checkbox"/>	SEDIMENT	<input type="checkbox"/>	
<input type="checkbox"/>	SCHIST	<input type="checkbox"/>	

Hole No. 15 Page No. 1 of 1
 Property RAILWAY
 District Liard M.D.
 Commenced March 15/1974
 Completed March 15/1974

Length 80 ft
 Bearing _____
 Dip vertical

Lat. _____
 Dip _____
 Elev. 4030 ft.

Drill Type Percussion
 Hole Size 2"
 Contractor L & L Drilling

Logged by B.Y. Kim
 Approved by _____ Date _____

SAMPLE No.	FOOTAGE		SAMPLE LENGTH	% Recovery	SULPHIDE ANALYSIS						OXIDE ANALYSIS			ROCK DESCRIPTION AND NOTES	GRAPHIC LOG	
	FROM	TO			Au	Ag	Cu	Pb	Zn	Mo [±]	Cu	Mo	FOOTAGE		ROCK TYPE	
	0	20											Overburden			
1912	20	30					21		26				Qtz. Monzonite with minor mafic dyke			
1913	30	40					22		25				increasing alteration with depth;			
1914	40	50					28		23				decreasing mafic dykes with depth			
1915	50	60					43		23							
1916	60	70					45		23							
1917	70	80					47		23							
							.01	0.6	(composite)							



Department of
 Mines and Petroleum Resources
 ASSESSMENT REPORT
 5298 MAP #2

5298

MAP 2

QUINTANA MINERALS CORPORATION			
RAILWAY PROJECT			
PERCUSSION DRILLING PROGRAM ON RAILWAY PROPERTY			
SCALE			
0	1/4	1/2	1/2 mile
Prepared by: N.J. Dirks	Date: Nov 17/74	NTS MAP AREA	DRAWING No.
Drawn by: ATK	Revised:	104- 1/4W	