DRILLING REPORT '78 - #468 - #7089

TO RECORD ASSESSMENT WORK

"ORANGE", "BLUE" AND "YELLOW" GROUP

DECEMBER 12, 1978

WESTERN MINES LIMITED
P.O. BOX 8000, CAMPBELL RIVER, B.C.

7089

/

REPORT TO RECORD ASSESSMENT WORK

ON

37 MINERAL CLAIMS IN THE "ORANGE" GROUP
39 MINERAL CLAIMS IN THE "BLUE " GROUP
40 MINERAL CLAIMS IN THE "YELLOW" GROUP

ALBERNI MINING DIVISION

SOUTHEND OF BUTTLE LAKE, VANCOUVER ISLAND, B.C.

LATITUDE : 49° 33.3'

LONGITUDE : 125° 34.3'

OWNER OF CLAIMS : WESTERN MINES LIMITED

OPERATOR : WESTERN MINES LIMITED

AUTHORS OF REPORT: R.R. WALKER , M.Sc.
C.A. PEARSON, B.Sc.
R.K. TSCHACH, Diploma Geologist

DATE SUBMITTED : DECEMBER 12, 1978

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3.A ITEMIZED COST STATEMENT - PRICE DRILLING PROJECT

a) HOLE PR43 (1,842') - ORANGE GROUP

i)	Footage charges	$28,588.20
ii)	Tests - clinometer	55.90
iii)	Left in hole - casing and casing shoe	149.25
iv)	Move onto site	1,384.45
v)	Move off site	3,367.95
vi)	Drillers' walking time	425.50
vii)	Drill site prep. - avg. cost/foot x footage	736.80
viii)	Hole collar survey - avg. cost/foot x footage	128.94
ix)	Coreboxes used (80 boxes x $5.25 per box)	420.00
x)	Helicopter costs (avg. cost/foot x footage)	5,691.78
	Total Cost	$40,948.77

HOLES PR33 AND PR42 - BLUE GROUP

a) HOLE PR33 (495')

i)	Footage charges	$ 6,691.30
ii)	Tests - acid	40.50
iii)	Left in hole - casing and casing shoe	216.46
iv)	Move onto site	4,802.25
		$11,750.51

b) HOLE PR42 (2,037')

i)	Footage charges	$32,060.10
ii)	Tests - Clinometer	111.80
iii)	Left in hole (casing and casing shoe)	143.42
iv)	Move onto site	2,944.85
		$35,260.17

Total Holes PR33 and PR42 = $47,010.68

HOLES PR34 AND PR35 - YELLOW GROUP

a) HOLE PR34 (1,727')

i)	Footage charges	$25,925.80
ii)	Tests - clinometer	89.70
iii)	Left in hole (casing and casing shoe)	174.64
iv)	Move onto site	2,303.60
		$28,493.74

b) HOLE PR35 (807')

i)	Footage charges	$11,148.10
ii)	Tests - acid	42.90
iii)	Left in hole (casing and casing shoe)	186.28
iv)	Move onto site	2,267.40
		$13,644.68

Total Holes PR34 and PR35 = $42,138.42

3.B. COMBINED TOTAL COST OF 1978 SURFACE DRILL PROGRAM

1.	Direct Contractor charges	$251,726.61	$15.68/Ft.
2.	Drill moves (incl. Helicopter)	48,088.85	3.00/Ft.
3.	Drill site prep. (incl. Helicopter)	8,025.06	0.50/Ft.
4.	Drill mob/demob (incl. Helicopter)	38,032.56	2.37/Ft.
5.	Drill servicing - Helicopter	9,872.70	0.61/Ft.
6.	Surveying and marking hole locations	4,048.61	0.25/Ft.
7.	Assays	820.00	0.05/Ft.
8.	Road maintenance	1,126.00	0.08/Ft.
9.	Equipment rental - clinometer	1,316.75	0.08/Ft.
		$363,057.14	$22.62

Total Helicopter cost :	Price	$ 38,406.81)	$ 52,848.56
	Phillips	14,441.73)	
Total Can. Longyear costs :	Price	$226,421.61)	$298,815.01
	Phillips	72,393.40)	
Total site preparation Co. costs: (contract fallers)	Price	$ 4,927.37)	$ 5,675.37
	Phillips	748.00)	
Total surveying charges - WM :	Price	925.56)	$ 2,455.47
	Phillips	1,529.91)	

Contractor costs: Per Foot (Incl. moves)	Price	$	18.19
	Phillips		20.09
	Avg.	$	18.61/Ft.
Helicopter costs: Per Foot	Price	$	3.09
	Phillips		4.00
	Avg.	$	3.29/Ft.
Surveying : Per Foot	Price	$	0.07
	Phillips		0.42
	Avg.	$	0.15/Ft.
Site preparation: Per Foot	Price	$	0.40
	Phillips		0.21
	Avg.	$	0.35/Ft.
Total Cost /Ft.		$	22.40

3.C. PRICE DRILLING PROJECT (JULY 5/78 TO OCT. 8/78) - (12,449')

CODE	TOTAL COST	COST/FT
DIRECT CONTRACTOR CHARGES - 6203-2		
1. Footage Charge	$182,929.50	$14.69
2. Coreboxes (6203-1)	3,845.25	0.31
3. Clinometer tests	913.85	0.07
4. Equipment consumed in hole	1,968.41	0.16
5. Supplies consumed (mud, cement)	179.07	0.02
6. Meals supplied by Western	140.00	0.01
7. Reaming of holes	1,732.90	0.14
8. Drillers walking time	425.50	0.03
Total	$192,134.48	$15.43
DRILL MOVES - 6203-3		
1. Contractor charges	$ 24,517.10	$ 1.97
2. Helicopter charges	19,472.20	1.56
Total	$ 43,989.30	$ 3.53
DRILL SITE PREPARATION - 6203-4		
1. Falling contractor charges (total)	$ 4,927.37	$ 0.40
2. Helicopter charges	1,400.51	0.11
Total	$ 6,327.88	$ 0.51
MOBILIZATION/DEMOBILIZATION - 6203-5		
1. Contractor charges	$ 9,770.20	$ 0.78
2. Helicopter charges	9,611.94	0.77
Total	$ 19,382.14	$ 1.55
DRILL SERVICING - HELICOPTER (6276-3)	$ 7,168.77	$ 0.58
SURVEYING CHARGES		
Helicopter) (6208)	$ 753.39	$ 0.06
Surveyors)	925.56	0.07
Total	$ 1,678.95	$ 0.13
ASSAYS		
Western Mines' Lab (6201)	$ 820.00	$ 0.07
ROAD MAINTENANCE		
Western Mines' Equipment	$ 1,126.00	$ 0.09
EQUIPMENT RENTAL - Sperry Sun Clinometer	$ 658.38	$ 0.05
Final Total	$273,285.73	$21.95

PRICE AREA - 1978 SURFACE DRILL PROGRAM

WESTERN MINES LIMITED

4. STRATIGRAPHIC/LITHOLOGIC INFORMATION

The startigraphy in the area drilled can be generalized from top to bottom as shown in Table 1:

TABLE 1 - GENERALIZED STRATIGRAPHIC SECTION

	THICKNESS	STRATIGRAPHIC ZONE
Zone 5	650 Ft.	Sharp bedded tuff: Well bedded cherty to coarse green tuffs.
Zone 4	250-300 Ft.	Diabase sill.
Zone 3	200	Purple and green to green heterolithic volcaniclastics: clasts are - predominantly dacitic to mafic, textures include tuff to agglomerate. This zone contains a localized unit of rhyolite tuff 0 to 175 Ft. thick which occurs 160 to 280 Ft. above the bottom of the zone. This unit is called the Upper Price rhyolite and hosts some mineralization on surface and in drill core.
Zone 2	250-500 Ft.	Green heterolithic volcaniclastics containing thin beds of pyritic rhyolite tuff (up to 30 Ft.): the heterolithic clastics commonly contain rhyolite clasts and minor sulfide clasts. The lower half of this zone contains one or more units of bedded black argillite and tuff as well as intervals of massive "dacite".
Zone 1	400 Ft.	Massive to volcaniclastic "dacite": much of the volcaniclastic texture in this zone is only vaguely defined.

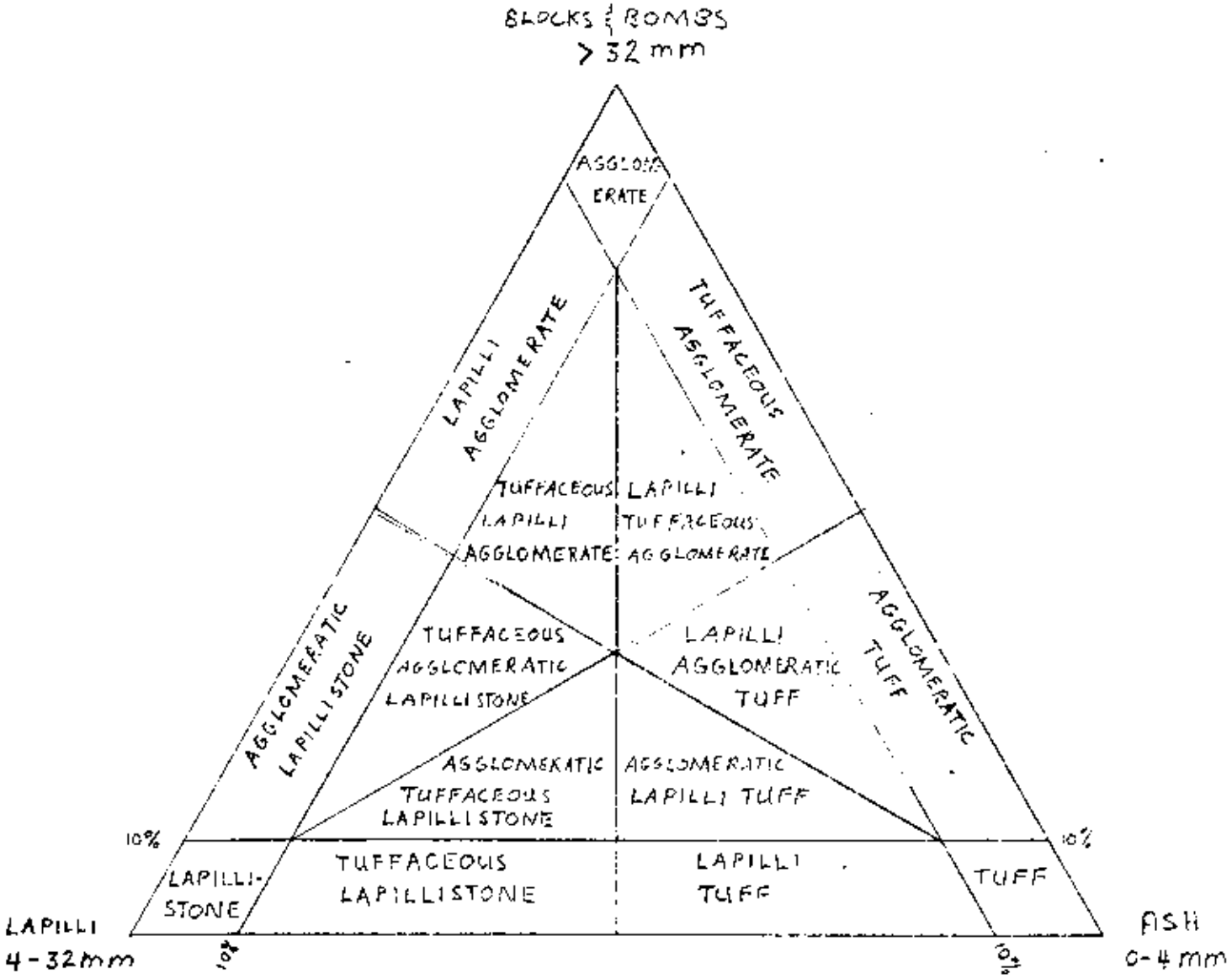
The 1978 drill program comprised eleven holes designed to test for lateral extensions of the Upper Price rhyolite and accompanying mineralization in stratigraphic Zone 3 as well as the abundance and continuity of rhyolite units and associated mineralization in Zone 2. Seven holes (PR35 to PR41) were drilled within 220 Ft. of 1965 hole PR7, which intersected significant mineralization in Zone 2. Pyritic rhyolite tuff beds were intersected but only one 3.8 Ft. sample produced a ptoential ore grade assay. Holes PR33, 34 and 42, 43 tested stratigraphic Zones 2 and 3 over a wider area.

The occurrence of pyritic rhyolite tuff lenses and thin beds, as well as clasts of rhyolite and sulfide is a widespread feature of stratigraphic Zone 2. In contrast, the Upper Price rhyolite in Zone 3 is found only in the immediate area of its outcrop.

R Walker

R. Walker
Geologist

December 1978



Fragment size terminology for volcaniclastics

To be used descriptively without regard to angularity or genesis.

R.W. Aug 14/78

9. ABBREVIATION LIST

WESTERN MINES EXPLORATION GROUP - BUTTLE LAKE

TEXTURE

massive	msv
tuff	T
lapilli, lapillistone	L, Lst
agglomerate	A
fine	F
medium	M
coarse	C
very	V

Volcaniclastics are given a textural name according to the attached triangular diagram. Fragment sizes are given in increasing order of abundance.

Examples:

agglomeratic lapilli tuff	ALT
tuffaceous lapillistone	TL
lapilli very coarse tuff	LVCT
fine lapillistone	FL

COMPOSITION

rhyolite	rhy, R
dacite	dac
feldspar porphyry	fsp porph, F.P.
quartz porphyry	qtz porph, Q.P.
andesite	and
chert, cherty	cht, chty
diabase	dia
argillite	arg

Heterolithic volcaniclastics are given rock type names in decreasing order of abundance (e.g., dacite-rhyolite-mafic agglomeratic lapillistone: dac-rhy-mafic AL)

MINERALOGY

sericite, sericitic	ser, ser'c
chlorite, chloritic	chl, chl'c
epidote	ep
clinozoisite	clinoz
carbonate	carb
quartz	qtz
leucoxene	leuc
feldspar	fsp
phenocrysts	phenos
hematite, hematitic	hem, hem'c

COLOR

green	grn
black	blk
grey	gy
red	rd
purple	purp

.....

COLOR (CONT'D)

purple and green	P & G
pink	pk
brown	bwn
yellow	yel
white	wht
dark	dk
medium	med
light	lt

Combined colors are hyphenated with the predominant color last (e.g., greenish grey: grn-gy)

STRUCTURE

schistosity, schistose	sch
shearing, sheared	sh, sh'd
breccia, brecciated	bx, bx'd
laminae, laminated	lam, lam'd
contact	ct
amygdules, amygdaloidal	amyg, amyg'l
bedded	bd'd
thin	tn
thick	tk
medium	med
disseminated	diss
massive	msv

MINERALIZATION

sulfide	sulf
pyrite	py
sphalerite	sph
galena	gn
tetrahedrite	tet
pyrrhotite	po
barite	bar
chalcopyrite	cpy

Assays are always in order of Au, Ag, Cu, Pb, Zn

QUALIFIERS

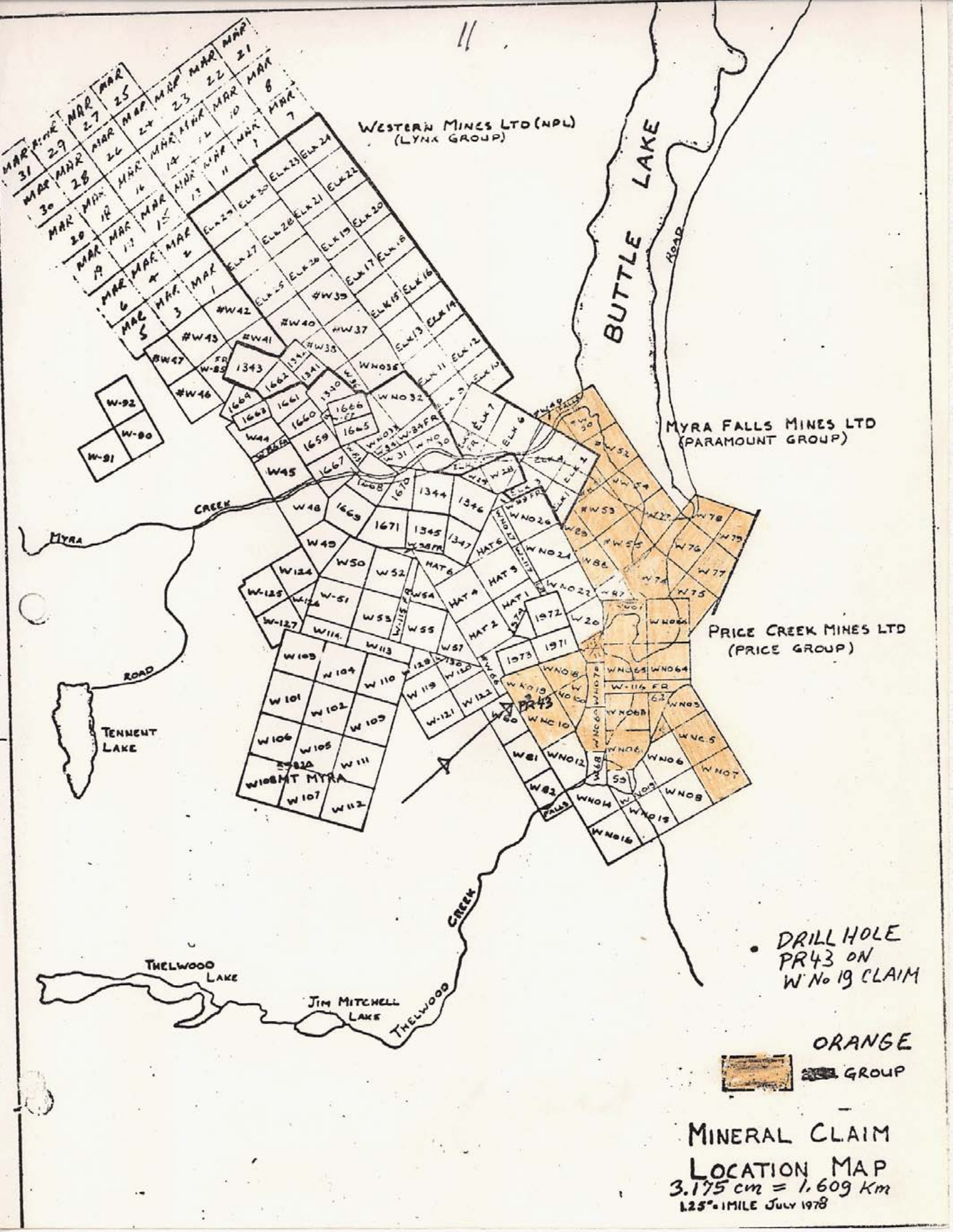
trace	tr
minor (common but less than 1%)	minor
strong, strongly	str, strly
moderate, moderately	mod, modly
weak, weakly	wk, wkly

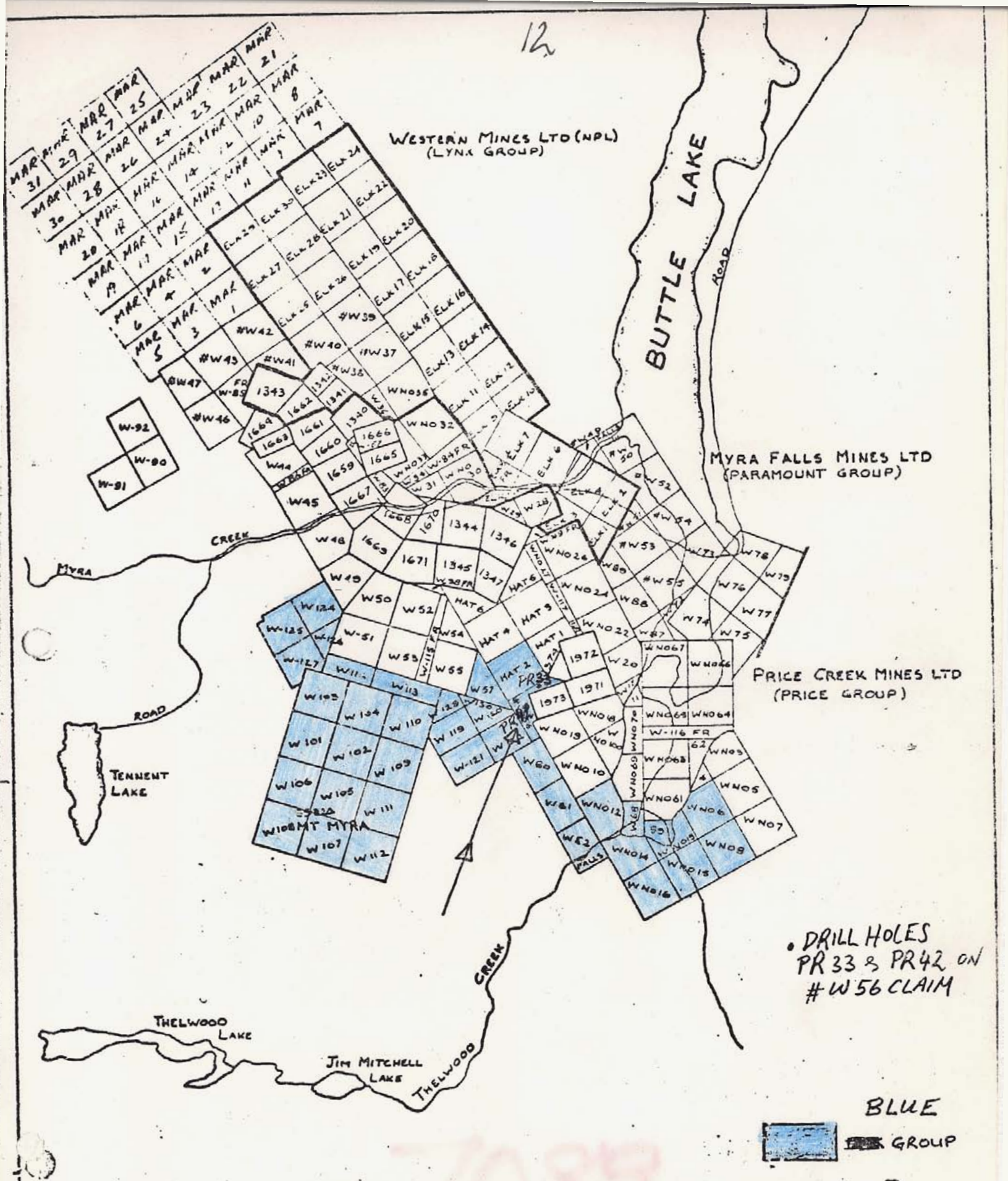
R. Walker
Geologist

December 1978

7. STATEMENT OF QUALIFICATION

R.R. WALKER	B.Sc. Geology: University of Alberta, 1970 M.Sc. Geology: University of Alberta, 1976
J. KOO	B.Sc. Geology: Seoul National University, 1963 M.Sc. Geology: University of British Columbia, 1968 Ph.D. Geology: University of Saskatchewan, 1973
C.A. PEARSON	B.Sc. Geology: University of British Columbia, 1969 (One course short) 9 years experience with Western Mines Limited at Mine Geologist and Exploration Geologist
R. TSCHACH	"Diploma Geologist", Germany (equals M.Sc. Geology) University of Freiberg, 1960 12 years experience with Western Mines Limited - 2 years exploration


WESTERN MINES LTD (NPL)
(LYNX GROUP)
BUTTLE LAKE
ROAD
MYRA FALLS MINES LTD
(PARAMOUNT GROUP)
PRICE CREEK MINES LTD
(PRICE GROUP)
MYRA
CREEK
ROAD
TENNENT LAKE
MT MYRA
THELWOOD LAKE
JIM MITCHELL LAKE
THELWOOD
CREEK
DRILL HOLE PR43 ON W No 19 CLAIM
ORANGE GROUP
MINERAL CLAIM LOCATION MAP
3.175 cm = 1.609 Km
1.25" = 1 MILE JULY 1978



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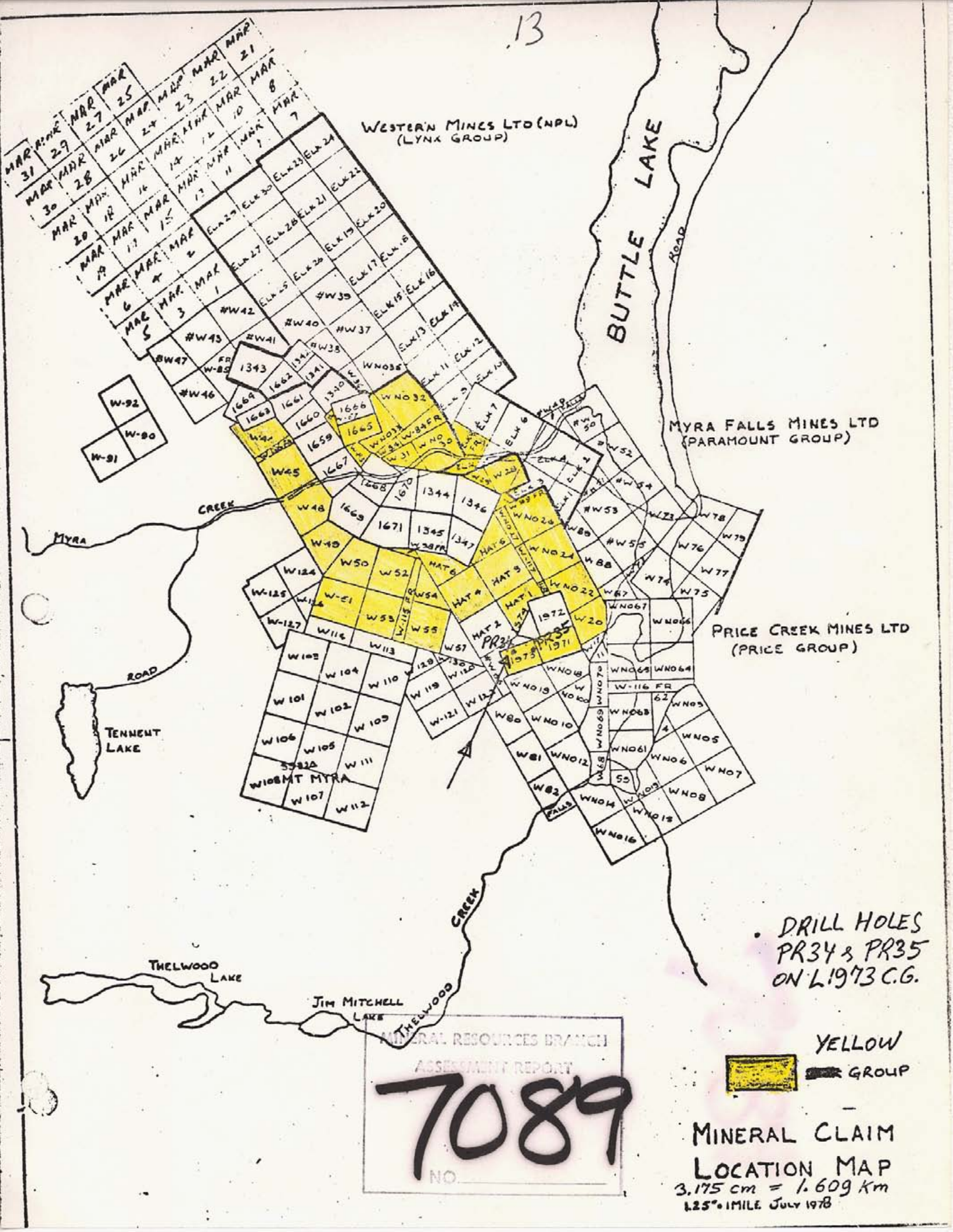
MINERAL CLAIM LOCATION MAP

3.175 cm = 1.609 Km

1.25" = 1 MILE JULY 1978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THELWOOD LAKE
JIM MITCHELL LAKE
THELWOOD
CREEK
FALLS
DRILL HOLES
PR34 & PR35
ON L1973 C.G.
YELLOW
GROUP
MINERAL CLAIM
LOCATION MAP
3.175 cm = 1.609 Km
1.25" = 1 MILE JULY 1978
MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
7089
NO.

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ASSAYS OF HOLES DRILLED IN ASSESSMENT AREA

BUT NOT USED IN APPLICATION FOR ASSESSMENT WORK CREDITS

HOLE NO.	MINE GRID LATITUDE	MINE GRID DEPARTURE	COLLAR ELEVATION	FEET FROM	FEET TO	ASSAY Au	ASSAY Ag	ASSAY Cu	ASSAY Pb	ASSAY Zn
PR 36	10,819.7	18,114.0	2,050.1 Ft.	568.5	571.1	TR	0.20	0.15	0.20	0.45
"	"	"	"	597.5	600.0	TR	0.55	0.25	0.40	2.35
"	"	"	"	602.7	606.5	0.034	0.50	0.25	0.30	1.00
PR 37	10,788.5	17,983.1	2,109.6 Ft.	597.2	598.4	0.036	0.55	0.10	0	0.30
"	"	"	"	629.0	633.0	TR	0.50	0.20	TR	1.30
"	"	"	"	633.0	637.0	TR	0.40	0.10	TR	0.45
"	"	"	"	645.7	649.5	0.23	10.65	0.20	1.90	3.50
PR 38	10,706.6	18,704.6	2,098.3 Ft.	665.4	666.9	0.01	0.50	0.40	TR	1.00
PR 39	10,656.2	18,007.6	2,140.2 Ft.	765.0	766.3	0.124	0.37	0.10	0.10	0.45
"	"	"	"	780.3	782.0	TR	0.07	0.05	0.10	0.15
"	"	"	"	785.7	790.1	TR	0.14	0.05	0.10	0.15
PR 7	10,869.7	17,999.5	2,061.0 Ft.	588.5	591.0	0.37	14.3	0.20	5.3	21.5

February 1979

WESTERN MINES LIMITED — 14 DIAMOND DRILL RECORD — 14 MYRA FALLS, B.C.

Hole No. PR43 Sheet 1 Started Sept. 28/78 Completed Oct 6/78 Logged by R. Walker, Oct/78 Property Price

Length 1842 ft Dip -90° Collar Hor. Comp. Vert. Comp. Bearing Latitude 9894.75 N Departure 18983.18 E

Elev. Collar 11976.71 ft. % Recovery Location Upper Price Area - Surface, BQ-CORE Surveyed by E. Binder Oct. 78.

Object Sperry Sun Tests 500 ft -80.3° @ 310° mine grid
1057 ft -77.9° at 316° mine grid
1840 ft -76.6° at 318° mine grid.

Footage From	Footage To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis Au	Ag	Cu	Pb	Zn
0	90		Sharp Bedded Tuff Formation: Fine green mafic tuff and cherty tuff bedded at 80° to core axis Thin to medium bedded, locally laminated & cherty tuff									
90	176		Mafic (Tuff?): Msv & uniform, dark green, medium grained & granular, no leucoxene, epidote & carb veins									
176	212		Feldspar Porphyry Dyke									

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
7089
NO.

WESTERN MINES LIMITED — 15 DIAMOND DRILL RECORD — 15 MYRA FALLS, B.C.

Hole No. PR-43 Sheet 2 Started _____ Completed _____ Logged by FW Property _____

Length _____ Dip _____ Hor. Comp. _____ Vert. Comp. _____ Bearing _____ Latitude _____ Departure _____

Elev. Collar _____ % Recovery _____ Location _____

Object _____

Footage From	Footage To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis An	Ag	Cu	Pb	Zn
212	462		Msv mafic (andesite?): dark grn, F-med grained, leucocrene specks, strongly veined by irregular network of epidote and carb.									
462	482		VF-MT: dk grn, to light grn, some v.F to cherty T, steeply bedding at 45-80°									
482	517		Mafic MT-LT: grn with 0-30% dk rd hematized clasts, soft.									
517	682.5		Mafic TL-LT: blackish rd, hem'c, chl'c, carb rich, soft, v. poor sorting, some clasts amygdaloidal, Clasts are green and dark red mixed. Lower ct sharp @ 50°									

WESTERN MINES LIMITED

16 DIAMOND DRILL RECORD

16 MYRA FALLS, B.C.

Hole No. PR43 Sheet 3 Started _____ Completed _____ Logged by RW Property _____

Length _____ Dip _____ Hor. Comp. _____ Vert. Comp. _____ Bearing _____ Latitude _____ Departure _____

Elev. Collar _____ % Recovery _____ Location _____

Object _____

Footage From	Footage To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis Au	Ag	Cu	Pb	Zn
682.5	752		FT; grn, msv with local faint hint of bedding lamina at 40-60°. Med to fairly dk grn, looks predominantly mafic.									
752	783		Mafic-Dacite LVCT: grn, fair to fairly good sorting, ~60-70% mafic, 30% dacite, small L to VCT.									
783	804		Thin bedded to laminated VF, cherty and F-CT: dk grn tuff to lt grn and grn-gy cherty tuff. The coarse tuff to looks mafic, 80% F to chty T, bedding well developed at 10-40°.									
804	809		Fsp Porph Dyke.									

WESTERN MINES LIMITED | 17 DIAMOND DRILL RECORD | 17 MYRA FALLS, B.C.

Hole No. PR43 Sheet 4 Started _____ Completed _____ Logged by RW Property _____

Length _____ Dip _____ Hor. Comp. _____ Vert. Comp. _____ Bearing _____ Latitude _____ Departure _____

Elev. Collar _____ % Recovery _____ Location _____

Object _____

Footage From	Footage To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis Au	Ag	Cu	Pb	Zn
809	819		Mafic T or flow: dk grn - med grn, some fine dark spotting, 5-10% ep-carb veins.									
819	1062		Fsp Porph Dyke									
			(927) 4 inches of clayish sandy "gouge?" - probably cave in hole at start of run, no adjacent shearing or fracturing.									
1062	1081		Dac - Mafic AL ; green-gry									
1081	1088		FT : grn-gy and dk gy to almost blk, looks a little argillaceous, minor to 5% py.									
1088	1116		Fsp Porph									

WESTERN MINES LIMITED

18 DIAMOND DRILL RECORD

18 MYRA FALLS, B.C.

Hole No. P1243 Sheet 5 Started _____ Completed _____ Logged by [illegible] C. Powers Property _____

Length _____ Dip _____ Hor. Comp. _____ Vert. Comp. _____ Bearing _____ Latitude _____ Departure _____

Elev. Collar _____ % Recovery _____ Location _____

Object _____

Footage From	Footage To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis Au	Ag	Cu	Pb	Zn
1116	1167		P&G M-VCT: looks predominantly dacitic									
1167	1206		F-MT: slightly mauve bluish grey, dacitic, a few phenoclasts of fsp porph'c dac.									
1206	1224		~~Dacitic~~ FT or MSV (dyke?): med grn,									
1224	1264		F-MT: purp-gy to mauve to grn-gy, ~~dacitic~~									
1264	1282		(Bedded) FT: grn to grn-gry, slight bedding at 45°									
1282	1415		LT-ALT: predominantly dacitic, scarce rhy clasts & even scarcer sulfide clasts,									

WESTERN MINES LIMITED | 19 DIAMOND DRILL RECORD | 19 MYRA FALLS, B.C.

Hole No. P243 Sheet 6 Started _____ Completed _____ Logged by C Pearson Property _____

Length _____ Dip _____ Hor. Comp. _____ Vert. Comp. _____ Bearing _____ Latitude _____ Departure _____

Elev. Collar _____ % Recovery _____ Location _____

Object _____

Footage From	Footage To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis Au	Ag	Cu	Pb	Zn
1415	1424		Rhyolite L-CT; gy, 5% py, very sparse reddish sph									
1424	1432		FT, ~~%~~ med gen, possibly dyke of mafic									
1432	1467		ALT, same as (1282-1415 ft) more common sulfide									
			clasts & stringers.									
1467	1491		Feldspar Porphyry Dyke									
1491	1492		Rhyolite CT; grey, 2% py									
1492	1512		Black argillite: py stringers									
1512	1518		Rhy CT, rd sph clasts									
1518	1536		Blk argillite with 10% grey tuff beds and laminae.									
			minor qtz phenos (1mm) in a 1 ft argillaceous tuff									
			bed at 531-532 ft. Bedding at 70°									

WESTERN MINES LIMITED — 20 DIAMOND DRILL RECORD — 20 MYRA FALLS, B.C.

Hole No. PR43 Sheet 7 Started _____ Completed _____ Logged by RW Property _____

Length _____ Dip _____ Hor. Comp. _____ Vert. Comp. _____ Bearing _____ Latitude _____ Departure _____

Elev. Collar _____ % Recovery _____ Location _____

Object _____

Footage From	Footage To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis Au	Ag	Cu	Pb	Zn
1536	1537		Rhy M-CT: gray, wkly serc, 5-10% fine to med grained disem py + po. Lower ct sharp at 40°									
1537	1575		Msv Dacite: med gy, siliceous and cloudy looking, 20% gy-wht 1-2mm fsp phenos. Msv to in situ brecciated mostly with network fractures and frags fit together. Some narrow zones with more intense brecciation, jumbled frags and >10% gy siliceous cement.									
			(1560-1563) wht qtz vein, chloritic, contains dac frags.									

WESTERN MINES LIMITED 21 DIAMOND DRILL RECORD 21 MYRA FALLS, B.C.

Hole No. PC43 Sheet 8 Started _____ Completed _____ Logged by RW Property _____

Length _____ Dip _____ Hor. Comp. _____ Vert. Comp. _____ Bearing _____ Latitude _____ Departure _____

Elev. Collar _____ % Recovery _____ Location _____

Object _____

Footage From	Footage To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis Au	Ag	Cu	Pb	Zn
1575	1587		Dacite Tuff: Fsp porph'c, wkly schistose at 0-10°, ~20-30% 1-4mm fsp phenos in v. fine, somewhat schistose groundmass. Med-lt grn gry, Grades from 4-1mm fsp phenos down hole.									
1587	1622		Dacite LT to L to apparently msv: very vague volcaniclastic texture, homogeneous appearance, 10% 0.5-1mm fsp phenos.									
1622	1630		Msv Dacite: med gy-grn, siliceous & cherty looking, fsp porph'c.									
1630	1637.5		Dacite MT-LT: grn-gy, 15-25% 1mm fsp phenos, wkly schistose, appears wkly ser'c.									

WESTERN MINES LIMITED — 22 DIAMOND DRILL RECORD — 22 MYRA FALLS, B.C.

Hole No. PR43 Sheet 9 Started ____ Completed ____ Logged by RW Property ____

Length ____ Dip ____ Hor. Comp. ____ Vert. Comp. ____ Bearing ____ Latitude ____ Departure ____

Elev. Collar ____ % Recovery ____ Location ____

Object ____

Footage From	Footage To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis Au	Ag	Cu	Pb	Zn
1637.5	1672		Msv Dac: dk gy to lt gy, siliceous and chrty looking, indistinct imm fsp phenos (minor to 10%) but probably just hard to see.									
1672	1678		Dacite M-CT: fsp porphyritic same as 1630-1632.5.									
1678	1684		Msv Dac: Siliceous & chrty looking, grey, fsp porph'c.									
1684	1696.5		Dac ALT: Very indistinct texture, msv sections up to 8 inches and lapilli in grey to grn-gy MT.									
1696.5	1702		Msv Dacite: gy-grn, siliceous, chrty looking.									
1702	1704		Dac F-MT; grn-gy									
1704	1707		Msv Dacite: gy-grn, siliceous, chrty looking									
1707	1732.5		Dac F-CT: grn-gy to gy-grn.									

WESTERN MINES LIMITED

23 DIAMOND DRILL RECORD

23 MYRA FALLS, B.C.

Hole No. PR43 Sheet 10 Started _____ Completed _____ Logged by RW Property _____

Length _____ Dip _____ Hor. Comp. _____ Vert. Comp. _____ Bearing _____ Latitude _____ Departure _____

Elev. Collar _____ % Recovery _____ Location _____

Object _____

Footage From	Footage To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis Au	Ag	Cu	Pb	Zn
1732.5	1744		Msv Mafic dyke? or flow?: sharp contacts at 80° & 40°, chilled margins wider at top. Leucocrene specks in middle, dk grn to med grn in chill margins, 5-10% latthy fsp phenos which are dark to epidotized. No amygdules.									
1744	1842		Mafic or Dac "tuff": very vague texture, could be massive, med to dk grn-gy, looks perhaps andesitic.									
			(1824) 5 mm gouge seam at 10°									
	1842		END OF HOLE									

WESTERN MINES LIMITED — 24 DIAMOND DRILL RECORD — 24 MYRA FALLS, B.C.

Hole No. PR33 Sheet 1 Started July 4/78 Completed July 12/78 Logged by J Koo Nov 17, 1978 Property Price

Length 496' Dip -90 Hor. Comp. Vert. Comp. Bearing Latitude 10764.76 Departure 17266.51

Elev. Collar 12333.95 % Recovery Location Upper Price - surface, BQ - CORE

Object To test for upper Price Rhy.

Acid Test at 490 ft -82° corrected

Footage From	Footage To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis Au	Ag	Cu	Pb	Zn
0	5		No core.									
5	6		Broken. Diabase,									
6	10		Fsp Porph; 80% broken core - chips 1~5cm in size									
10-283; -10	14	Diabase	diabase; broken; Fsp porph chips mixeded - DDH having penetrated the contact before diab & Fsp porph									
14	25		Diabase, 70% broken; fn. disseminated fy grains 1mm, euhedral-subhedral									
		chilled margin	Clinoz-epid vein alt. 5%, light grey, spotted (indiffatched) - pervasive epid-clinoz 0.2mm									
25	35		diabase, weakly & strongly sheared in parts; 30°, brecciated									
			26-26.3, 27-28 clinoz veining 10-40%									
			29-30; 2 q-carb-black chl(?) veins, 1~3cm wide; 30°									
			weakly schistose									
			42; 1cm wide shear zone, q-carb-chl; 30°									
35	66		Diab. Clinoz-epid veins along randomly oriented fracture, 5%									
66	75		Diab. medium grained 2mm; wkly schistose, 30°									
			clinoz-epid veining 5%									

WESTERN MINES LIMITED 25 DIAMOND DRILL RECORD 25 MYRA FALLS, B.C.

Hole No. PR 33 Sheet 2 Started _____ Completed _____ Logged by J Koo Nov 17. 1978 Property _____

Length _____ Dip _____ Hor. Comp. _____ Vert. Comp. _____ Bearing _____ Latitude _____ Departure _____

Elev. Collar _____ % Recovery _____ Location _____

Object _____

Footage From	Footage To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis Au	Ag	Cu	Pb	Zn
75	96		Diabase; relatively less altered than the upper section; medium-grained, 2cm; fractured, less veining <1%, cling-epid, ie. weak fract & veining									
96	97		Diab; moderately sheared; q-carb-chl vein 2cm ∠ 60° cut by a later fol: (0∠70°); now lgt grey spot alk-pervasive q mafic minerals in diab near the veins.									
97	101		Diab; weakly fractured;									
101	102		" , strong shear-q-carb-chl vein									
102	283		Diab; medium grained, locally fractured & sheared; 111-115; moderately fractured & sheared; q-carb-chl veins 0-10° on average 124-126 moderately " " 40°, 133-135 epid-cling veining, randomly oriented; 30% 146-147 Sheared & fractured, pervasive q. epid cling 30° 152.2-154; fractured & veined by cling-epid 15% (frags are discoloured & intermatched indicative fractured zone)	spotted, cling-epid alk.								

WESTERN MINES LIMITED — 26 DIAMOND DRILL RECORD — 26 MYRA FALLS, B.C.

Hole No. PR33 Sheet 3 Started _____ Completed _____ Logged by J. Koo Nov 17, 1978 Property _____

Length _____ Dip _____ Hor. Comp. _____ Vert. Comp. _____ Bearing _____ Latitude _____ Departure _____

Elev. Collar _____ % Recovery _____ Location _____

Object _____

Footage From	Footage To	Core Recovered	Description	Sample No.	From	To	Recovery %	Au	Ag	Cu	Pb	Zn
1			172 – 225 fractured, veined by clinz. epid. q. carb; 10-20%									
			tr. po blebs (4 mm); fract randomly oriented;									
		Chilled margin	up to 3 cm wide; VF grained down hole from this position									
			225 – 229; grey VF ? altered VF diabase? sharp fault contact with dark VF diab.									
			upper contact 40°; lower contact 0° on average from 227-229									
			229-249; black mafic porph diabase; clinz-epid veins 5%									
			tr. py disseminated									
			249-250; bl VF mafic dyke; upper sharp contact 15°									
			250-283; Diab. VF, fractured & veined by clinz. epid-q-carb									
			locally shear zones (1~5 cm) associated with chl									
			irregular sharp contact 80-90°;									
283	287		MT; mixed mafic (grn) & light grn									
	300		VF grn T (50%) & light grn-creamy (clinz) chunky T (50%)									
			irregular contact (80°)									

WESTERN MINES LIMITED 27 DIAMOND DRILL RECORD 27 MYRA FALLS, B.C.

Hole No. PR 33 Sheet 4 Started _____ Completed _____ Logged by J Koo Nov 17, 1978 Property _____

Length _____ Dip _____ Hor. Comp. _____ Vert. Comp. _____ Bearing _____ Latitude ~~Nov 30, 1978~~ Departure _____

Elev. Collar _____ % Recovery _____ Location _____

Object _____

Footage From	Footage To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis Au	Ag	Cu	Pb	Zn
300	347		LT-L; chert, light grn, grey qz veined (30°) poorly sorted; only minor local beddings (1" thick) 333-334; 339-341; q-carb veined; ½ gradational lower contact; locally moderate schistosity 40°									
			grn - dark grn (mafic?) portions 5%, uneven distribution									
347	350	P&G	Mixed grn (95%) - purple (5%) F-CT; wkly schistose 30-40° A zone of transition between green & P&G units dk brown streaks in green schistose tuff; dk brown chips (hem) begin to show.				Note: Purple portion increases in amount gradually in the top contact zone & dominates deeply in the bottom zone.					
350	375	P&G	Mixed grn (95-60%) - purple (upto 40%) F-CT. minor carb streaks; dk brown chips; occasional lapilli (<10%) schistose moderately 30-40°									
375	384	P&G	Purple (60-80%) - grn (40-20%) F-CT. moderate schistose (30-40°) grey carb streaks 5%									

WESTERN MINES LIMITED

28 DIAMOND DRILL RECORD

28 MYRA FALLS, B.C.

Hole No. DR 33 Sheet 5 Started _____ Completed _____ Logged by J. Koo Nov 20. 1978 Property _____

Length _____ Dip _____ Hor. Comp. _____ Vert. Comp. _____ Bearing _____ Latitude _____ Departure _____

Elev. Collar _____ % Recovery _____ Location _____

Object _____

Footage From	Footage To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis Au	Ag	Cu	Pb	Zn
379	427	PSG	F-CT, Reddish brown - maroon (90-95%); medium v schistose overall 45°									
			jasper (red) frag at 311'; gm port. 5~10%;									
			Largely hematitic; soft; minor carb veining 5%.									
			Originally (i.e. before deformation) scoraceous or pumiceous rocks(?)									
			in large part. preserved features(?)									
427	430		MT; P(60%) - gm(40%) more-strongly v schistose 20-30°									
430	467		F-MT; green									
			430-431; Intense schist; gm 30° q-carb vein									
			431.5-444; intensely schistose or brecciated zone with									
			q-carb veining 30%									
			463-464.5; bedded FT; 80° cut by schistosity 30°									
467	496		L-A; lgt gm (ie dac) - 60-70% gm to dk gm 30% some frags gm creamy, pink & clear									
			467-476; v q veined 40-50%; schistosity in the hard rock 30°									
		496	E.O.H.									

WESTERN MINES LIMITED 29 DIAMOND DRILL RECORD 29 MYRA FALLS, B.C.

Hole No. PR42 Sheet 1 Started Sept. 15/78 Completed Sept. 27/78 Logged by R. Walker, Sept. 78 Property PRICE

Length 2037 ft Dip -90 collar Hor. Comp. Vert. Comp. Bearing Latitude 9683.93N Departure 17361.08E

Elev. Collar 12 651.83 ft % Recovery Location Upper Price - Surface ; BQ - CORE

Object Sperry Sun Tests: 1500 ft -78° @ 320° mine grid
2027 ft -74° @ 325° mine grid

Footage From	Footage To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis Au	Ag	Cu	Pb	Zn
0	649		Sharp Bedded Tuff Formation: thick bedded to laminated green coarse tuff to clerty tuff									
649	907		Massive Mafic (Diabase?): Dark green, generally massive & uniform with 10-15% network veinlets of epidote-clinozoisite Could be massive mafic flow or diabase									
907	932		Green Dacite - Mafic L-TL: 20% dk gn mafic, 80% med gn to lt gn mafic or dacite, minor thin tuff beds									
932	985		Mafic T-LT-L: green with minor purple clasts									

WESTERN MINES LIMITED

DIAMOND DRILL RECORD

30

MYRA FALLS, B.C.

Hole No. PR42 Sheet 2 Started _____ Completed _____ Logged by RW Property _____

Length _____ Dip _____ Hor. Comp. _____ Vert. Comp. _____ Bearing _____ Latitude _____ Departure _____

Elev. Collar _____ % Recovery _____ Location _____

Object _____

Footage From	Footage To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis Au	Ag	Cu	Pb	Zn
985	1035		Qtz-Fsp Porphyry: 30-50% phenos of white fsp and qtz up to 6mm in dark olive green aphanitic groundmass.									
1035	1122		Green Mafic TAL: about 5% dacite, minor chert or possibly rhyolite clasts. 5-20% epidote cement									
1122	1138		Green mafic M-CT: includes a few bands of cherty creamy tuff, indistinct bedding at a high angle to core. About 20% of unit is LT.									
1138	1300		Mafic VCTL-LVCT: green 10-25% epidote cement some dacite clasts, A few intervals of med to coarse tuff near top.									

WESTERN MINES LIMITED 31 **DIAMOND DRILL RECORD** 31 **MYRA FALLS, B.C.**

Hole No. PR42 Sheet 3 Started _____ Completed _____ Logged by RW Property _____

Length _____ Dip _____ Hor. Comp. _____ Vert. Comp. _____ Bearing _____ Latitude _____ Departure _____

Elev. Collar _____ % Recovery _____ Location _____

Object _____

Footage From	Footage To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis Au	Ag	Cu	Pb	Zn
1138	1300	cont'd.	(1272-1288) Sections are sheared & brecciated with some gouge up to 2 cm.									
			(1284) 6 inch fault breccia with calcite cement.									
1300	1355		Thin bedded to laminated M-F and cherty green T									
			(1312-1334) laminated green cherty tuff, bedding @ 45° to core axis									
1355	1409		Mafic - Dacite TL - ATL: minor reddish cherty clasts abundant epidote.									
1409	1420		Laminated to thin bedded cherty green tuff: bedding @ 60-80°									

WESTERN MINES LIMITED 32 DIAMOND DRILL RECORD 32 MYRA FALLS, B.C.

Hole No. PR42 Sheet 4 Started _____ Completed _____ Logged by RW Property _____

Length _____ Dip _____ Hor. Comp. _____ Vert. Comp. _____ Bearing _____ Latitude _____ Departure _____

Elev. Collar _____ % Recovery _____ Location _____

Object _____

Footage From	Footage To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis Au	Ag	Cu	Pb	Zn
1420	1430		Laminated Red Chert to Cherty Tuff: bedded at 50-70°									
1430	1439		Thin bedded to laminated fine green tuff to cherty green tuff: bedded at 60° to core									
1439	1507		Thin to medium bedded M-VCT: green, 5-10% laminated VF to cherty T. (488-491) minor purple clasts									

WESTERN MINES LIMITED 33 DIAMOND DRILL RECORD 33 MYRA FALLS, B.C.

Hole No. PR42 Sheet 5 Started Completed Logged by J.T.O. Nov 30, 1978 Property

Length Dip Hor. Comp. Vert. Comp. Bearing Latitude Departure

Elev. Collar % Recovery Location

Object

Footage From	Footage To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis Au	Ag	Cu	Pb	Zn
1507	1509	P&G	MT-LT; grey-grn; Red-brown (jasper-hematite) chips upto 3mm. - minor; mafic minor.									
1509	1506	P&G	AL; mixed lgt grn 60%, dk grn 40%, Red altered minor. gradational contact									
1506	1511		MT; mixed lgt grn - grn, minor mafic;									
1511	1566	P&G	Mixed ALT; light grn-grey-cream (dec-bedded cht T) 60% - (minor cht T bands upto 10cm thick); dk grn 40%; locally minor red-brown or maroon ie. 1522-1524, 1532-1536, 1543-1544, 1558-1558.1, 1562-1563. ⇒ These are fragments, chips or cht tuffaceous bands. The "purple alt" is confined only in themselves, ie "altered" prior to their deposition in this ALT.									
1566	1586	P&G	LF-MT; grn-dk grn mafic 50-80% - lgt grn 20-50%; minor red; cling-rapid carb-Q veins 5% - affected red frags, also varying in size from 2"12" to 5"15", scattered in several places									
1586	1604		AFT; lgt grn (cling-altered - large part) 60-70% - dk grey (3%) minor lgt-py diss at 1586-1587; maroon-purple tint area 10%									

WESTERN MINES LIMITED — 34 DIAMOND DRILL RECORD — 34 MYRA FALLS, B.C.

Hole No. PR42 Sheet 6 Started _____ Completed _____ Logged by J Kou Nov 20, 1978 Property _____

Length _____ Dip _____ Hor. Comp. _____ Vert. Comp. _____ Bearing _____ Latitude _____ Departure _____

Elev. Collar _____ % Recovery _____ Location _____

Object _____

Footage From	Footage To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis Au	Ag	Cu	Pb	Zn
1604	1630	PEG	ALT; purple manw'ed 60-70% - gm (15%) - gm carb'y (cling) 15%									
			gradational contact;									
1630	1637	PEG	ALT; gm - lgt gm 60-70% (cling 10%-20%) - manw'ed 30%									
1637	1688	PEG	LA, Purple 70-80% - fild porph & mafic porphy - dacitic lapilli?									
			lgt green (b gray-cooling) 15-20% - cling + epid alt'n (5%) included, dacitic?									
			dk gm (5%) 15% - mafic									
1688	1703	PEG	FMT, lgt gm - grey; cling 10%, q-carb veing 1%,									
			tr. py diss; tr. purple tint & chips in upper portion									
1703	1708.2		MT, dk gm lapilli; cling alt'n (5%)									
1708.2	1724	PEG	MCT-L; max size 1.5"; down hole coarsening; partly schistose in tuffs									
			manw'ed - purple - red 50%; gm - lgt gm 50% (dk gm 10% included)									
			1713 - 1717; red chips 5%, 1 to 3 mm; gradational									
1724	1727		cherty T, cling-rich 50%, lgt green - grey; gradational									
1727	1743		CT; dk gm; minor cherty T; tr py diss									

WESTERN MINES LIMITED — 35 DIAMOND DRILL RECORD — 35 MYRA FALLS, B.C.

Hole No. FR 42 Sheet 7 Started _____ Completed _____ Logged by JKoo Nov 20, 1978 Property _____

Length _____ Dip _____ Hor. Comp. _____ Vert. Comp. _____ Bearing _____ Latitude _____ Departure _____

Elev. Collar _____ % Recovery _____ Location _____

Object _____

Footage From	Footage To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis Au	Ag	Cu	Pb	Zn
1743	1760	PSG	AL; mixed dac 70%-90% - mafic dk grn (30%-10%); minor q v; minor purple-maroon chips									
1760	1768		FT; grn grey; massive									
1768	1780		M-CT; grn grey, massive; partly maroon									
1780	1791		M-CT; " " not maroon, cling alt									
1791	1796		M-CT; grn grey; maroon chip 10% (angular chips, 2 x 4 mm); transitional zone into the following									
1796	831	PSG	CT; mixed purple/maroon 10-30% - grn; massive;									
831	1841		MT; green; & dk grn									
1841	1864.5		L, mixed lgt grn/grn (60-70%) - dk grn mafic 30%)									
			1857-1858 pink q vein 5%, cling alt; probably textonically brecciated VF mafic T. with cling alt									
1864.5	1875		VF-MT; grn - lgt grn; 80-90° bedding									

WESTERN MINES LIMITED 36 DIAMOND DRILL RECORD 36 MYRA FALLS, B.C.

Hole No. PR42 Sheet 8 Started _____ Completed _____ Logged by RW Property _____

Length _____ Dip _____ Hor. Comp. _____ Vert. Comp. _____ Bearing _____ Latitude _____ Departure _____

Elev. Collar _____ % Recovery _____ Location _____

Object _____

Footage From	Footage To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis Au	Ag	Cu	Pb	Zn
1875	1903		VCT - VFT & Cherty T: all green, laminated to medium bedded (~3ft)									
1903	1907		Mixed LVCT: Appears to contain possibly 20% rhy clasts mixed with predominant dacite + minor mafic									
1907	1919		M-VFT, thin bedded, greenish grey to grey.									
1919	1947		Mixed LVCT to VCT; includes a couple of 6inch bands of FT. ~5-10% rhyolite clasts with predominant dacite and minor mafic									

WESTERN MINES LIMITED 37 DIAMOND DRILL RECORD 37 MYRA FALLS, B.C.

Hole No. FR42 Sheet 9 Started _____ Completed _____ Logged by RW Property _____

Length _____ Dip _____ Hor. Comp. _____ Vert. Comp. _____ Bearing _____ Latitude _____ Departure _____

Elev. Collar _____ % Recovery _____ Location _____

Object _____

Footage From	Footage To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis Au	Ag	Cu	Pb	Zn
1942	1944		Sericitic & Chloritic VCT: greenish grey, could be rhyolitic or partly rhyolitic									
1944	1986		Feldspar Porphyry Dyke:									
1986	1995		Green F-VCT									
1995	2000		Thin bedded to laminated FT to cherty T; green to dk grey, beds at 60-80° to core.									
2000	2037		Feldspar Porphyry Dyke									
	2037		End of Hole									

WESTERN MINES LIMITED — 38 DIAMOND DRILL RECORD — 38 MYRA FALLS, B.C.

Hole No. PR 34 Sheet 1 Started _____ Completed _____ Logged by JKO Nov 6/78 Property Price

Length _____ Dip -90 collar Hor. Comp. _____ Vert. Comp. _____ Bearing _____ Latitude 10 329.52 Departure 17299.91

Elev. Collar 12489.82 % Recovery _____ Location Upper Price - Surface, BQ - CORE Survey by E. Binder Sept/78

Object Acid & Sperry Suntests 920 ft. -81° acid test
1200 ft. -81° acid test
1712 ft -76.3° @ 344 mine grid

Footage From	Footage To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis Au	Ag	Cu	Pb	Zn
0	9		No core									
9	11.8		Massive mafic VFT.? q-clinoz.-epid veins									
11.8	23		Bedded cht, T; light grn & grn bands (a few mm - inches)									
			45° bedding									
23	35		VF mafic, massive dyke; q-carb-epid-chl 15-20%									
			sharp contact									
35	73		Cht, tuff (banded) & T-MT; light grn - grn.									
73	158.5		Cht, - VF - M - C T; light grn to grn; coarsening down hole in places									
			gradational changes between the above-described different rock types;									
			No thin bands.									
			78-79, 151-154; shear zones 110.5 ~111 gouge; 112-113 felsphenes.									
158.5	188		cht, - VF - MT; cht, Ts are thinly banded (a few mm)									
	196		lt grn mafic; carb-epid veins 5%									
196	207.1		Cht, T & VFT.; cht, T bedded:									

WESTERN MINES LIMITED 39 **DIAMOND DRILL RECORD** 39 **MYRA FALLS, B.C.**

Hole No. PR 34 Sheet 2 Started _____ Completed _____ Logged by J Koo Nov 6/78 Property _____

Length _____ Dip _____ Hor. Comp. _____ Vert. Comp. _____ Bearing _____ Latitude _____ Departure _____

Elev. Collar _____ % Recovery _____ Location _____

Object _____

Footage From	Footage To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis Au	Ag	Cu	Pb	Zn
257.1	218.5		F-M mafic dyke; spidrization; sharp contacts 45°									
218.5	247		Chert - F-M-CTS									
247	254		VF mafic; veined by spid, clinoz 10%									
254	262		CT & gn cherty T; banded cherty T, sharp contact 45°									
262	274.5		q-Fsp porphyry dyke; q phenos 10%, 5mm average & feld phenos 25% 1~5mm, gm fine-grained matrix sharp contact 35°									
274.5	553.2		mafic VF-M dyke, diabase; gm epid 3%, light grey clinoz 1.5%, carb 0.5% veins 5%; leucoxene grains disc 0.3 mm									
			291.5~297 sheared, ∥ core axis; carb, chl									
			330.5~333.7 clinoz carb; sp veins									
			352~355 pervasive epid alteration 60%									
			359~360									
			~~274.5~401. VF mafic pillow - chilled margin?~~									
			401~488 feldspar & mafic xals recognizable, upto 2mm									
			diabasic texture; ie. relatively F-M grained - the middle of dyke									
			VF mafic portions occur within the middle part of dyke - irregular distribution; gradational									

WESTERN MINES LIMITED 40 **DIAMOND DRILL RECORD** 40 **MYRA FALLS, B.C.**

Hole No. PR 34 Sheet 3 Started _____ Completed _____ Logged by J. Koo Nov 7/78 Property _____

Length _____ Dip _____ Hor. Comp. _____ Vert. Comp. _____ Bearing _____ Latitude _____ Departure _____

Elev. Collar _____ % Recovery _____ Location _____

Object _____

Footage From	Footage To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis Au	Ag	Cu	Pb	Zn
			~~537 - 553.2 VF mafic~~									
			445 ~ 446, 537 ~ 537.4; 542 ~ 542.4; pervasive epid. chlor alt.									
			506; on shear plane, chl epid, chlor, minor pyrrhotite blebs; 30°									
			533 ~ 533.3, black chl shear zone, 35°									
553.2	556.7		Fsp porphy dyke; contacts 45°									
			Fsp phenos 1 ~ 5mm, 15%, grn aphanitic matrix									
556.7	595.8		dk grn VF Mafic, epid, chlor, carb veins, in the same									
			mafic occurrence as in the upper section									
			561.5 ~ 562.5; 2" wide chlor. epid. carb vein 30°									
			568 ~ 568.4, 571.8 ~ 572.2; 579 ~ 582; pervasive epid. chlor/vein alt.									
			585.5 ~ 595.8 moderately sheared; 30 ~ 60°; post-alteration									
			vein movement on fractures showing minor displacements (a few mm)									
595.8	603		594 ~ 595; massive chlorite; VCT, lt grn; wkly schistose 30°; Dac, 600 ~ 601 g vein									
603	637		P&G Dac - mafic LT AL; A 10%, 4 cm across maxim									
			grn 70% (mafic 65% dac 5%), purple 30% (mafic 25%, dac 5%), one lg grey dac fragment (4" x 2")									

WESTERN MINES LIMITED 41 DIAMOND DRILL RECORD 41 MYRA FALLS, B.C.

Hole No. PR34 Sheet 4 Started _____ Completed _____ Logged by J.H.O. Nov 7/78 Property _____

Length _____ Dip _____ Hor. Comp. _____ Vert. Comp. _____ Bearing _____ Latitude _____ Departure _____

Elev. Collar _____ % Recovery _____ Location _____

Object _____

Footage From	Footage To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis Au	Ag	Cu	Pb	Zn
			610~616.2 moderately sheared,									
637	661		mafic LA; grn lapilli, 95% purple-tinted frag & rins of fragment 5%; epidote-chlorite alt'n, 4" across maximum size A.									
661	675		mafic LT; dk grn; purple tinted part. on 10%)									
675	677		mafic LT (70%) red jasper chips (30%) mixed zone									
677	682.2		Mixed. dk grn mafic (70%) – purple (aphanitic mafic?) (30%) L. tr. red jasper chips; contact 45°									
682.2	685.7		Bedded maroon chert; 45°; transitional contact									
685.7	726		Mafic grn T & LT, containing purple, mauvish, maroon colored fragments (a few mm ~ 2"); 1~10% non-grn frags; generally decrease in the amount & size of non-grn frags down hole.									
726	730		Mafic grn – dk grn T & LT; 1~5% brown, brownish black chips; epid-chlorite alt'n in lower part.									

WESTERN MINES LIMITED — 42 DIAMOND DRILL RECORD — 42 MYRA FALLS, B.C.

Hole No. PR 34 Sheet 5 Started _____ Completed _____ Logged by J Koo Nov 29/78 Property _____

Length _____ Dip _____ Hor. Comp. _____ Vert. Comp. _____ Bearing _____ Latitude _____ Departure _____

Elev. Collar _____ % Recovery _____ Location _____

Object _____

Footage From	Footage To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis Au	Ag	Cu	Pb	Zn
750	751		mixed bl arg - grn LT ; vaguely laminated; 80° transitional contact although sharp between indiv arg LT									
751	774		Mof (60%) - Dac (40%) L; A (up to 3") 5%. 1-5% intl, purple & maroon chips in places									
774	802		Purple & Green alternating section; gradational contacts									
			774 - 774.5; Red brown to dk brown (hematitic) VF sediment 80-100%; minor grn tuff.									
			774.5 - 782.5: LT - CT, green (mafic) 95%; maroon to purple frags (max. 1") 5% - relict grn mafic in purple frags									
			782.5 - 802; LT, Red to dk brown 80% altered mafic?; 20% grn mafic									
			794.7 - 795 spid-clving chl alt.									
			locally foliated at 20° - 45°									
802	818+?		msv mafic; dk grn; mafic phenos (2 mm).									
[813 - 834	8ox mixed up core]											

WESTERN MINES LIMITED — 43 DIAMOND DRILL RECORD — 43 MYRA FALLS, B.C.

Hole No. PR 34 Sheet 6 Started _____ Completed _____ Logged by J Kow Nov 9/78 Property _____

Length _____ Dip _____ Hor. Comp. _____ Vert. Comp. _____ Bearing _____ Latitude _____ Departure _____

Elev. Collar _____ % Recovery _____ Location _____

Object _____

Footage From	Footage To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis Au	Ag	Cu	Pb	Zn
818?	834	(MIXED CONS)	12 ft core: LT, grey 60 to 70% lgt gn (intern comp?) 50 to 60% dk gn 10%									
			mauved, purple, dk red 40-30% felsic-intern fsp phenos									
			1 ft: mafic porphyritic MSV mafic									
			2 ft: schistose mafic dyke or tuff?, chloritic									
834	860		LT - MT; Mixed Dac - mafic, P&G									
			grn 60% light grn (intern) 50% dk gn mafic 10%									
			mauved - dk red 40% → 35% felsic fsp phenos, 5% hem chips									
	862		834-837 30% 8 v. C-MT; lgt green dac; chlor-spid alt^n; gradational contacts									
			mauved to red chips 5%									
	869.5		M-FT; P&G, purple dac 60%, lt grn dac 30% grn mf 10%									
	869.5		FT; P&G 50% each, dac; 3 VF gn T bands 1 cm 60°;									
			irregular contact at 45° on average,									
	874		mafic dyke? chilled VF contacts 0.5 cm wide; mafic phenos 1 mm; q-cal v									
	891		CT; P&G; 5% L 1 cm maxim dk brown - mauved	50%								

WESTERN MINES LIMITED — 44 DIAMOND DRILL RECORD — 44 MYRA FALLS, B.C.

Hole No. PR 34 Sheet 7 Started _____ Completed _____ Logged by JKO Nov 9/78 Property _____

Length _____ Dip _____ Hor. Comp. _____ Vert. Comp. _____ Bearing _____ Latitude _____ Departure _____

Elev. Collar _____ % Recovery _____ Location _____

Object _____

Footage From	Footage To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis Au	Ag	Cu	Pb	Zn
			fsp phenos recognizable in some chips, ie dac?									
			gm dac 50% sharp shear contacts ∠25°									
			883 ~ calc v. 30°, 2cm wide									
891	891.5		Mafic, VF gm. carb veinlet, shear contact ∠25°									
891.5	900.5		L, P & G.; dk brown mafic? 50% gm mafic 50%									
			895 ~ 896 wkly sheared									
			899 ~ 900.5 "									
900.5	900.6		Mafic porph, sharp contact 80°									
900.6	907		L; P & greenish grey (75-60%) (25-38%) semi red brown ∠%									
			Purple - mafic 30%, dac 30%; grey→mafic 20% dac 20%									
907	918.5		L; P 80%, gm grey ∠0% ie purple predominant									
918.5	925.5		LT; Grey→dac 60% mf ∠0% purple dac ∠0%, spid-carb V 5%									
925.5	952		gm v Dac(?)LT; irregular contact, a few marginal frag (2%), mafic 3%									
			929 ~ 929.4; q-carb v. 45°									
			935 ~ 944 wkly sheared, ∠25°									

WESTERN MINES LIMITED 45 DIAMOND DRILL RECORD 45 MYRA FALLS, B.C.

Hole No. PR 34 Sheet 8 Started _____ Completed _____ Logged by J Koo Nov 10/78 Property _____

Length _____ Dip _____ Hor. Comp. _____ Vert. Comp. _____ Bearing _____ Latitude _____ Departure _____

Elev. Collar _____ % Recovery _____ Location _____

Object _____

Footage From	Footage To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis Au	Ag	Cu	Pb	Zn
952	968		lt gm gm gry gm MT - VFT, dac? irregular contact, down hole decrease in size;									
			953-954 well sheared									
968	983		M - VF - chert T; grey green;									
			980 - 982 chert T bands 60%, 70-90°									
	987		gm-grey T, medium sheared; sharp contact 40°,									
	987		dk gm mafic, VF, lenticular (?) 0.2 mm; "saw-toothed" contact									
	994		L-T; lt gm - grey;									
			989-991 pervasive clinzo - epid - chl; mod sheared, 30°									
			sharp contact 80°									
994	995		VF dk gm, sheared sharp contact 30°									
	1005		CT; grey gm									
			998 - 1005 strongly sheared, 5% dk gm mafic, g-carb-chl-clinz veins (35%) 0-15°									
	1010.5		LCT; grey/gm, 5% purple frags (4" ~ a few mm)									

WESTERN MINES LIMITED 46 DIAMOND DRILL RECORD 46 MYRA FALLS, B.C.

Hole No. PR34 Sheet 9 Started _____ Completed _____ Logged by J Kov NOV 10/78 Property _____

Length _____ Dip _____ Hor. Comp. _____ Vert. Comp. _____ Bearing _____ Latitude _____ Departure _____

Elev. Collar _____ % Recovery _____ Location _____

Object _____

Footage From	Footage To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis As	Ag	Cu	Pb	Zn
			mafic gm remnants - purple frags, tr. red jasper chips									
			moderately sheared 30°									
		1015	2" wide schistose shear — [illegible] - [illegible] produces. [illegible] fabric T?									
	1016		q-carb-chl-clinoz(?) veins, sheared 20° (q - MT; clinoz - grey gm)									
	1058		LCT; dk gm & purple - manvish - dk gm.; minor cherty T.									
			Purple & manvish 5-10% 2"~ 1mm (10-200), felsic?									
			1018 ~ 1031.8 moderately sheared, q-carb-chl-clinoz 30%,									
			1031.8 ~ 1058 wkly schistose in place; contact 45°									
	1066		LT; gm 30% gm grey 70%									
	1089	M,F	cherty T; grey greenish, dk grey - manvish (1097-1099)									
			1066.5 ~ 1067.5; q-carb-chl-epid (clinoz pyrite)									
			1077-1077.3; lgt gm cherty T.									
			1084-1089; 50% cherty bands (0.5') alternating with FT.									
	1124.5		LT; gm to lgt gm; minor purple-manvish frags-chips, minor cherty & FT bands.									
			1109-1110; mod sheared, 30°, q-carb-epid-chl									

WESTERN MINES LIMITED — 47 DIAMOND DRILL RECORD — 47 MYRA FALLS, B.C.

Hole No. PR 34 Sheet 10 Started _____ Completed _____ Logged by J Koo NOV 10/78 Property _____

Length _____ Dip _____ Hor. Comp. _____ Vert. Comp. _____ Bearing _____ Latitude _____ Departure _____

Elev. Collar _____ % Recovery _____ Location _____

Object _____

Footage From	Footage To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis Au	Ag	Cu	Pb	Zn
		< Top of	~~Mixed frag section~~ > 70%									
1124.5	1141		TL, grey grn to dk grn (30%), minor grn cherty T, minor dac A;									
1141	1179		M-F T, grey grn; minor lgt grn cherty T bands (10%), 1144 – 1154 moderately sheared, g-carb-chl-chlorite; 20' minor grey fragments (1%)									
1179	1202		LT, L A (5%) up to 5"; widespread epid-chlorite alt (15-20%); dk grn to grn 20%-30% grey grn-lgt grn 60%-70% - some creamy grey, Fp mafic phenos; tr marcasite frag & po chips									
1202	1209		Black spotted (1-3mm) dk grn T; flow? epid-chlorite-cal veins - foliated 25%, gradational contacts 1208; 1.5 cm wide mafic dyke at 45° cuts the foliation of this unit (shallower angle) tr purple chips									
			~~(Refer to preliminary log of R. Walker Sept 78, for other features which are not described reported on the logging sheets~~									
1209	1252		grn LVCT, MT, VF laminated T & cherty T, 1209 – 1212.5 grey grn dark tuffs 60% & grn – dk grn FT. 40%									

WESTERN MINES LIMITED 48 DIAMOND DRILL RECORD 48 MYRA FALLS, B.C.

Hole No. PR 34 Sheet 11 Started _____ Completed _____ Logged by J Koo Nov 10/78 Property _____

Length _____ Dip _____ Hor. Comp. _____ Vert. Comp. _____ Bearing _____ Latitude Nov 14/78 Departure _____

Elev. Collar _____ % Recovery _____ Location _____

Object _____

Footage From	Footage To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis Au	Ag	Cu	Pb	Zn
			1212.5 – 1228 ; LVCT (1215-1216 FT; 1222-1223 chert T)									
			1228 – 1236 ... chert T & FT, thinly bedded 70°									
			1236 – 1240 msv grey M-F T, Brecciated & filled with clay (50%)									
			1240 – 1252, chert & FT, thinly banded – chert Ts, 30-40° tr. py stringers									
1252	1272		mafic porphy dac, msv; amygdaloidal throughout the section ; most prominent 20% v 1252 – 1257 , some purple cores, upto 4mm									
1272	1287		chert T beds up to 1cm thick, 45° ; 1272 – 1272.5; 1277-1278									
1287	1292		Dac – Mafic Al ; Clinoz alt ; gradationally conversing down hole									
1292	1318	tr. py disem;	schistose contact 50° contact									
			epidot. gr.									
			1202 – 1203 pervasive clinoz alt.									
			1317-1318 ; schistose wkly – moderat 45°									

WESTERN MINES LIMITED — 49 DIAMOND DRILL RECORD — 49 MYRA FALLS, B.C.

Hole No. PR 34 Sheet 12 Started _____ Completed _____ Logged by J Koo NOV 14/78 Property _____

Length _____ Dip _____ Hor. Comp. _____ Vert. Comp. _____ Bearing _____ Latitude _____ Departure _____

Elev. Collar _____ % Recovery _____ Location _____

Object _____

Footage From	Footage To	Core Recovered	Description	Sample No.	From	To	Recovery %	Au	Ag	Cu	Pb	Zn
1318	1320		Mixed dac - Rhy L-VCT; mauvish									
1320	1339		1336-1337; bedded chert TS									
1339	1441		1371-1377; dk gm VF mafic									
			1377-1379; pervasive epid-chlor alt.									
			1379-1397 dk gm mafic 30-40% gm-lgt gm for 70%									
1441	1446		gradational contacts with tuffs									
1446	1477		1446-1466 fine porph gm 15% + lgt gm-grey 80%, minor dk gm mafic tr py chips,									
			1466-1477; lgt gm to lgt grey; cherty-dacitic, minor rhy component									
1477	1481		g.v									
1481	1492		gm-gm grey dac 95%, 5% rhy tr. streaky py. porph									
1492	1511		massive Rhy F-C, LT, g phenos 3%, 1-3mm									
1511	1516		schistose, moderate, 10-20°									
1516	1522		massive grey rhy; v.f py diss									

WESTERN MINES LIMITED — 50 DIAMOND DRILL RECORD — 50 MYRA FALLS, B.C.

Hole No. PR 34 Sheet 13 Started _____ Completed _____ Logged by J Koo Nov 14/78 Property _____

Length _____ Dip _____ Hor. Comp. _____ Vert. Comp. _____ Bearing _____ Latitude _____ Departure _____

Elev. Collar _____ % Recovery _____ Location _____

Object _____

Footage From	Footage To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis Au	Ag	Cu	Pb	Zn
1522	1597.5		1522-1527; grey Rhy 50%, gm-creamy dac 45%, mafics Chrt, 5% tr. py disem (2%)									
			1527-1533 M-CT. gm, bacitic.									
			1533-1535 grey Rhy CT. diss py 1%									
			1535-1549; Mixed dac-Rhy ALT: Rhy 20%, minor spy-py diss Several mixed dac-rhy T fragments with diss & semimassive spy-py									
			1550-1559; Mixed dac(50%)-Rhy(50%) AL; py-po-aph diss in Rhy T fragments									
			1561-1574; Mixed Rhy(60-70%)-dac(40%) AL: minor aph-py diss in tuffaceous portions & minor aph-py clasts									
			1590-1597.5; gm mafic porphy dac (80%-90%) - Rhy (10-20%) LT. aph-py clasts; brecciated & veined tuff in part									
1597.5	1602		tr. py-aph diss.									

WESTERN MINES LIMITED 51 DIAMOND DRILL RECORD 51 MYRA FALLS, B.C.

Hole No. PR34 Sheet 14 Started _____ Completed _____ Logged by J Koo Nov 14/78 Property _____

Length _____ Dip _____ Hor. Comp. _____ Vert. Comp. _____ Bearing _____ Latitude _____ Departure _____

Elev. Collar _____ % Recovery _____ Location _____

Object _____

Footage From	Footage To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis Au	Ag	Cu	Pb	Zn
1602	1604.5		Chert T, grad contact									
1604.5	1610		Dac-Rhy ATL; gradational contact.									
1610	1613		Rhy-Dac LT; sharp upper contact 45°									
1613	1624		as previous pos clast at 1618'									
1624	1699		gradually change into black arg from grey FT									
1699	1727		Dac ATL									
	1727		End of hole									

WESTERN MINES LIMITED — 52 DIAMOND DRILL RECORD — 52 MYRA FALLS, B.C.

Hole No. PK35 Sheet 1 Started July 24/78 Completed July 27/78 Logged by R. Walker & C Pearson Aug/78 Property Price surface

Length 807 ft Dip -90° collar Hor. Comp. Vert. Comp. Bearing Latitude 10954.89 Departure 18081.12

Elev. Collar 11962.78 % Recovery Location Upper Price - surface; BQ-CORE Surveyed by E. Binder Sept./78

Object Acid test at 800ft: -76° corrected

Footage From	Footage To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis Au	Ag	Cu	Pb	Zn
0	11		No Core									
11	~30	12'	Rhy LCT, light grey, moderately sericitic, mod-str schistose at 60° 5% fine disseminated py									
			LCT ground									
30	47	6.5'	Siliceous qwke on v.fine-Fine rhy? tuff. Med-light grey mod sericitic & uniformly mod schistose @ 60°									
			(30-32) 1' of core recovered bedded fine qwke to sericitic siltstone, greenish grey beds ~1" at 60°-70°. A few inches of coarse grey rhy tuff recovered at bottom									
47	52	1'	Rhy LCT Same as (11-30)'									
52	68.5	12.5'	Siliceous qwke: Fine - siltstone on v fine - v. fine tuff, Med-light grn-grey, strongly sericitic strong uniform penvasive schistosity at 0-10°, looks somewhat ~~slate~~ like slate, slug.									

WESTERN MINES LIMITED — 53 DIAMOND DRILL RECORD — 53 MYRA FALLS, B.C.

Hole No. PR35 Sheet 2 Started _____ Completed _____ Logged by _____ Property _____

Length _____ Dip _____ Hor. Comp. _____ Vert. Comp. _____ Bearing _____ Latitude _____ Departure _____

Elev. Collar _____ % Recovery _____ Location _____

Object _____

Footage From	Footage To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis Au	Ag	Cu	Pb	Zn
58.5	123.2		Mixed Rhy-Dac ATL-LCT light greenish grey, Mod-str sericitic, Mod pervasive schist @ 0-10° ~50-60% grey siliceous rhy clasts, ~40-50% greenish grey - greenish cream dac clasts, Perhaps few % mafic clasts minor - 5% disem py throughout, max clast ~4"									
123.2	127		Mixed ~~Mafic - dac~~ Dac = Mafic ~~Ag~~ ALt, ~~Med~~ Med gm ~70% green dac?, 25% dk gm mafic ~5% grey rhy. wk schist ~10°									
127	138.3		Rhy F Lst - LVCT. 95% grey siliceous rhy clasts fairly well sorted ~ 3-6mm mostly 3-5% py mod sericitic, light greenish grey, wkly schist @ 10° ~~(156-157) Med gm aphanitic mafic ≤ 2% fine dk grains ~ 1-2% coarse grains = dyke?~~									

WESTERN MINES LIMITED

54 DIAMOND DRILL RECORD

54 MYRA FALLS, B.C.

Hole No. PR35 Sheet 3 Started _____ Completed _____ Logged by _____ Property _____

Length _____ Dip _____ Hor. Comp. _____ Vert. Comp. _____ Bearing _____ Latitude _____ Departure _____

Elev. Collar _____ % Recovery _____ Location _____

Object _____

Footage From	Footage To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis Au	Ag	Cu	Pb	Zn
134.3	151		Mixed Mafic-Dac ATL ~ 80% dk grn mafic,									
			~ 20% light green dac, minor rhy.									
			Lowest slumps @ 60°									
151	158		Rhy M-VC T, locally LT, light greenish gray,									
			mod sericitic, wkly schist @ 0-10°, 5% py disem									
			(156-157) Mod grn aph mafic ≈ 2% fine dk grains & few % fine carb grains - dyke?									
			contacts broken & don't match adjacent Rhy Tuff.									
158	162.5		Msv Mafic: Dk grn, Fine - V. fine, uniform									
			could be basalt dyke or flow, ~~most likely dyke~~									
			upper few inches looks vaguely brecciated & finer grained									
162.5	164.6		wht qtz vein upper ct @ 5°, lower ct @ 15°									

WESTERN MINES LIMITED 55 **DIAMOND DRILL RECORD** 55 **MYRA FALLS, B.C.**

Hole No. PR35 Sheet 4 Started _____ Completed _____ Logged by _____ Property _____

Length _____ Dip _____ Hor. Comp. _____ Vert. Comp. _____ Bearing _____ Latitude _____ Departure _____

Elev. Collar _____ % Recovery _____ Location _____

Object _____

Footage From	Footage To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis Au	Ag	Cu	Pb	Zn
164.6	166.2		V. F T, Lgh greenish grey, faint thin bedding looks ~~seri~~ strongly sericitic & fairly soft. Rhy? shistose // core									
166.2	170		Mixed AL, 70% mafic 30% felsite, greyish green.									
170	176.5		Rhy? FT-LT, light grey, strongly sericitic & schistose at 10°, fairly soft - due to sericite? 20% chloty rhy clasts & minor felsite minor py									
176.5	230		Mixed C-VCT, ~~dk~~ 40-60% mafic 40-60% felsite dk grn-grey, to med green. (187-205) Abundant purple dac clasts + 1-2% red hem clasts. (223-225) Mas mafic, v. fne, v. dk grn. 10% irreg qtz carb veining. (227.5-230) 60% qtz carb veining along core, 20% chlorite									

WESTERN MINES LIMITED

56 DIAMOND DRILL RECORD

56 MYRA FALLS, B.C.

Hole No. PR35 Sheet 5 Started _____ Completed _____ Logged by _____ Property _____

Length _____ Dip _____ Hor. Comp. _____ Vert. Comp. _____ Bearing _____ Latitude _____ Departure _____

Elev. Collar _____ % Recovery _____ Location _____

Object _____

Footage From	Footage To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis Au	Ag	Cu	Pb	Zn
230	239.5		Mev Mafic Dyke: v. dk grn, v. fne, msv 20% qtz carb veining at 10°									
239.5	258.5		Mixed U.C.ss Tuff: green to purplish green ~50% mafic 50% dacite, Dacite is ~50% purple, locally up to 1% dk red hem clasts. occasional lapilli									
258.5	261		Mev Mafic flow? or dyke?: dk grey-grn, v. fne, appears amygdaloidal in upper 1 ft. cts sharp at 10°									
261	277		Mixed AL: appears ~90% dacite - mostly purple max clast 6".									
277	281		Mixed TL: ~80% dac mostly purple to mauve ~20% chloritic mafic.									

WESTERN MINES LIMITED 57 DIAMOND DRILL RECORD 57 MYRA FALLS, B.C.

Hole No. PR 35 Sheet 6 Started _____ Completed _____ Logged by _____ Property _____

Length _____ Dip _____ Hor. Comp. _____ Vert. Comp. _____ Bearing _____ Latitude _____ Departure _____

Elev. Collar _____ % Recovery _____ Location _____

Object _____

Footage From	Footage To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis Au	Ag	Cu	Pb	Zn
281	317.5		Mixed CT - LT - local short section of fine to med tuff as noted below:									
			70-80% dacite, greenish & abundant purple									
			20-30% mafic, minor - 1% dk red hem clasts,									
			(30%-50%) Fine-med grn tuff									
317.5	323		Mixed AL: 50% dac, 40% mafic, Max 6"									
			5% purple dac clasts, minor dk red hem chips									
323	335		Mixed TL to LLCT, 40% dacite, 60% mafic,									
			Purple dac & dk red hem clasts gradationally									
			disappear down hole from 10% & 1% respectively									
			to 0%. This gradational disappearance marks end of									
			unit.									

WESTERN MINES LIMITED

58 DIAMOND DRILL RECORD

58 MYRA FALLS, B.C.

Hole No. PR35 Sheet 7 Started _____ Completed _____ Logged by _____ Property _____

Length _____ Dip _____ Hor. Comp. _____ Vert. Comp. _____ Bearing _____ Latitude _____ Departure _____

Elev. Collar _____ % Recovery _____ Location _____

Object _____

Footage From	Footage To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis Au	Ag	Cu	Pb	Zn
335	361		Coarse tuff to Lapilli tuff, green, clasts 60% mafic, 40% dacite									
			& a very few rhyolite, some sparse pyrite grains.									
			Some steep shearing at 357-361' with sparse diss py. sph.									
361	372		Lapilli tuff with very occ. agglomerate size clast,									
			clasts 60% rhyolite 40% dacite? in a mottled pale	sericitic								
			green matrix (epidote, clinozoisite)									
387	392		Rhy fine LST - CT, grades down hole, possibly 20% dacitic clasts?,									
372	402		Agglomeratic lapilli tuff, green, large clasts are									
			70% dacite, 25% mafic, 5% rhyolite, disseminated									
			pyrite in spots.									
402	420.5		A LST: dk grey (house grey) to light grey dacite? (possibly rhy?), clasts to 6"	(399-400) grey rhy CT				minor py				
			within chiefly grey rhy clasts, & Rhy T-LT sections as noted.	(400-401.8) Mixed LA								
				(401.8-405) grey Rhy LCT				1% fine graphitic		3% py disseminated		
			grey sericite as steep dipping stringers, sparse	(405-419) silicified ?+ sericitized Dac LA. 3% rhy clasts, minor py								
			pyrite only sulphide, both upper & lower contacts are irregular	(419-420) grey rhy CCT-LT, minor py								
			Cots 9 pts cyn.									

WESTERN MINES LIMITED

59 DIAMOND DRILL RECORD

59 MYRA FALLS, B.C.

Hole No. PR35 Sheet 8 Started _____ Completed _____ Logged by _____ Property _____

Length _____ Dip _____ Hor. Comp. _____ Vert. Comp. _____ Bearing _____ Latitude _____ Departure _____

Elev. Collar _____ % Recovery _____ Location _____

Object _____

Footage From	Footage To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis Au	Ag	Cu	Pb	Zn
420.5	427.5		Lapilli Agglom. Tuff, green, clasts are 70% mafic 25% dacite & 5% rhyolite, no sulphide.									
427.5	450		Tuffaceous lapillistone, "granular"; rounded rhyo clasts 70%, dacite 20%, mafic 10%, sparsely to moderately (5-7%) disseminated pyrite									
450	463.5		Lapilli Agglom tuff, green, clasts are 60% mafic 25% dacite, 15% rhyolite, a few rare clasts also. clasts are to 6".									
463.5	469		massive green tuff, slightly cherty, top & bottom contacts are sharp, no bedding.									
469	476		LAT as above, a few good one clast to 1".									
476	478		lapilli tuff, rhyolitic, dark grey, sparsely pyritic <5%; with qtz eyes.									
478	481		LAT as above.									

WESTERN MINES LIMITED

60 DIAMOND DRILL RECORD

60 MYRA FALLS, B.C.

Hole No. PR35 Sheet 9 Started _____ Completed _____ Logged by _____ Property _____

Length _____ Dip _____ Hor. Comp. _____ Vert. Comp. _____ Bearing _____ Latitude _____ Departure _____

Elev. Collar _____ % Recovery _____ Location _____

Object _____

Footage From	Footage To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis Au	Ag	Cu	Pb	Zn
481	483.5		Graded tuff, lapilli tuff to ~~fine~~ med. tuff to									
			bedded chert fine tuff on top, green									
483.5	515.5		massive fine to medium tuff with odd									
			short bedded section, shades of green.									
			bedded 488-488.5 @ 80-90°, some section with pale green phenocrysts amygdules									
			494.5-495 @ 80°									
			500-501 @ 80°									
			513-514 @ 80°									
515.5	522.5		Lapilli tuff, green, clasts are 60% mafic, 20% dacite									
			20% rhyolite, one agglomerate clast, and a few small ore clasts									
522.5	524.5		Agg lapilli tuff. rhyolite, dark grey to white to green,									
			(some clasts with clasts inside), sparse pyrite only sulphide									
524.5	528.4		agglom. lapilli tuff, green mafic 70%, dacite									
			25% rhyo. 5%.									

WESTERN MINES LIMITED 61 **DIAMOND DRILL RECORD** 61 **MYRA FALLS, B.C.**

Hole No. PR35 Sheet 10 Started _____ Completed _____ Logged by _____ Property _____

Length _____ Dip _____ Hor. Comp. _____ Vert. Comp. _____ Bearing _____ Latitude _____ Departure _____

Elev. Collar _____ % Recovery _____ Location _____

Object _____

Footage From	Footage To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis Au	Ag	Cu	Pb	Zn
528.5	531		Lapilli tuff, rhyolitic, dark grey, some dacite clasts, sparsely pyritic ± 5%, qtz eyes fairly common. top contact uneven bottom contact sharp @ 40° to core.									
531	532		tuffaceous lapillistone, green, mafic clasts 70% dacite 30%, rhyo. < 5%.									
533	534.5		fine tuff, green, dacite, no bedding, possible chert.									
534.5	551		ALT, green, mafic 70%, dacite 20%, rhyolite 10% except 545.5 - 548 - mainly rhyolitic with dacite & mafic clasts. a few argillite clasts, py & qtz + cpy.									
551	603.5		MSV dacite, light green, prominent feldspar crystals & black mafic crystals to 2mm, contact occurs in dark grey & textureless, contact is sharp.									
603.5	606		rhyolitic, light grey-green, hard, siliceous < 5% pyrite.									
606	623		cherty fine to bedded tuff, shades of green, bedding at mainly 50°-60° to core.									

WESTERN MINES LIMITED — 62 DIAMOND DRILL RECORD — 62 MYRA FALLS, B.C.

Hole No. PR35 Sheet 11 Started ____ Completed ____ Logged by ____ Property ____

Length ____ Dip ____ Hor. Comp. ____ Vert. Comp. ____ Bearing ____ Latitude ____ Departure ____

Elev. Collar ____ % Recovery ____ Location ____

Object ____

Footage From	Footage To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis Au	Ag	Cu	Pb	Zn
623	627.5		lapilli tuff, rhyolitic, dark grey, gts. eyes abundant, very sparse pyrite <1%									
627.5	633		tuffaceous lat, gre, mafic clasts ± 70%, dacite, 20%, rhyo. 10% + red sph clasts 1% to 4mm.									
633	641		lapilli tuff, pale gre matrix, chloritic? dacite clasts 70%, rhyo 30%.									
641	656		tuffaceous agg. lat, pale gre matrix - cz. mafic clasts 60%, dacite 30%, rhyo 10% red sph. clasts <1%									
656	660.5	→	lapilli tuff, rhyolitic, dark grey, sharp upper contact, irreg. lower contact, biot red sph + cpy + py.	—	SAMPLE.							
660.5	668		+ALT as above, still with red sph									
668	675		pale grey grea. + dark grey, rhyolitic bed w clasts with dacite.									
		(668-670)	80% Rhy clasts in mint ALT. (672-675) Rhy LT, 10% dac. minn py									

WESTERN MINES LIMITED

63 DIAMOND DRILL RECORD

63 MYRA FALLS, B.C.

Hole No. PR35 Sheet 12 Started _____ Completed _____ Logged by _____ Property _____

Length _____ Dip _____ Hor. Comp. _____ Vert. Comp. _____ Bearing _____ Latitude _____ Departure _____

Elev. Collar _____ % Recovery _____ Location _____

Object _____

Footage From	Footage To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis Au	Ag	Cu	Pb	Zn
675	681		(TA) tuf, grey, mafic 50%, felsite 50%, red. sph. & cpy-py clasts to 1cm. pale green cz matrix.									
681	684		silicious, possibly phyllitic zone, altered felsic or phyl. Nice granular state, possibly vaguely lit									
684	704		Mixed tuff lat with occ. aggl. ~~eye~~ clast (mainly phyl.) 5% phy clasts Rh m-csse tuff (~~684.4-72.3~~ 688.4-690) Rhy m-csse tuff, (671.6-672.3) Qtz-Fsp-Rhy med tuff: 10% qtz porphyry, 10% fs. phenos 1mm, 692 qtz-rhy.								
	688.5-690	—	clast or bed phyl. at 688.5-690 with 2% red sph. clasts.									
	692-693	—	clast or bed phyl. coarse tuff at 692-693.5									
704	712		f.c., shearing.									
712	782		fine to medium tuffs, no some epidote alt'n. Qtz vein 744-747' with py. & chlorite. some section show fspar & mafics (may be dyke) sharp lower contact									

WESTERN MINES LIMITED

64 DIAMOND DRILL RECORD

64 MYRA FALLS, B.C.

Hole No. PR35 Sheet 13 Started _____ Completed _____ Logged by _____ Property _____

Length _____ Dip _____ Hor. Comp. _____ Vert. Comp. _____ Bearing _____ Latitude _____ Departure _____

Elev. Collar _____ % Recovery _____ Location _____

Object _____

Footage From	Footage To	Core Recovered	Description	Sample No.	From	To	Recovery %	Analysis As	Ag	Cu	Pb	Zn
782	789	graded	fine to clasty tuff, dark ang. grey to light greenish grey, no bedding. pyrite stringers + very minor red sph, graded contact.									
789	801		coarse tuff, grey-green, clasts are mainly dacite + minor rhyolite + py + red sph. to 1% each.									
801	802		lapilli, with clasty clasts. looks rather rhyolitic, maybe just lots of clasty tuff clasts									
802	802.5		bedded argillite - clasty (rhyo) ∫ bed a contact, cut at 90° to core.									
802.5	803		rhyo lapilli tuff, mineralized c 10% py									
803	807		ang lapilli, rhyolitic clasts 60%, dacite 30%, rhyo. w/t clast 10%.									
807			EOH									

LEGEND

- ORANGE GROUP
- BLUE GROUP
- YELLOW GROUP
- DRILL HOLES

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WESTERN MINES LTD.
MYRA FALLS, B.C.

MINERAL CLAIMS

SCALE 1" = 1000' | DATE OCT 1966 | DRW. NO. 41-M-15