

COMINCO LTD.

EXPLORATION

NTS: 82F/10E

WESTERN DISTRICT

10 NOVEMBER 1980

DIAMOND DRILLING-1980

BAKER MINERAL CLAIMS

CRAWFORD BAY AREA

FORT STEELE MINING DIVISION B.C.

49°35'N; 116°39'W

WORK PERFORMED DURING
JUNE 19-OCTOBER 17, 1980

NOVEMBER 1980

R.L. WRIGHT

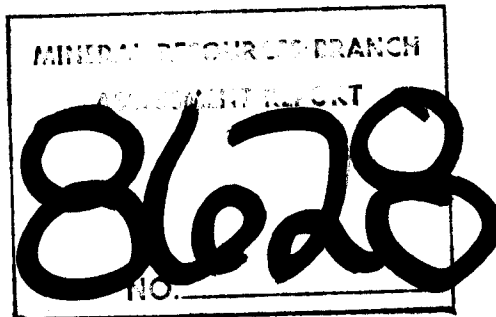


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COMINCO LTD.

EXPLORATION
NTS: 82F/10E

WESTERN DISTRICT
TO NOVEMBER 1980

DIAMOND DRILLING ASSESSMENT REPORT

BAKER MINERAL CLAIMS

FORT STEELE MINING DIVISION

SUMMARY

A diamond drilling program was carried out on the Baker claims which are located 16 kilometres southeast of Crawford Bay, B.C. The work consisted of 5 BQ diamond drill holes totalling 1005 metres. The bulk of this core was split in 3 metres (10 foot) sections and assayed for Mo and analyzed geochemically for W.

Results show interesting values for Mo and generally low values for W, as summarized in the drill logs.

Further work is recommended to determine the extent of the mineralized sections encountered in drilling.

LOCATION

The Baker mineral claims are located in the Fort Steele Mining Division, 16 kilometres southeast of Crawford Bay, B.C. The property covers the headwaters of Baker Creek which drains northeastward into Redding Creek. Access to the property is by logging road from Kimberley via Redding Creek and St. Mary's River, or by the powerline road east from Crawford Bay. Elevation ranges from 1650 to 2300 metres, with heavy forest up to about 2000 metres.

HISTORY

1978 - GSC Open File 514 indicated anomalous Mo value in silts from Baker Creek; property staked by Cominco Ltd.

1979 - Geological mapping (1:5,000) and soil geochemistry.

SUMMARY OF WORK DONE

BQ diamond drilling totalled 1005 metres in 5 holes in 1980. Additional staking was also done.

OWNERSHIP

Seven claims comprising 84 units owned 100% by Cominco Ltd.

2.

<u>CLAIM</u>	<u>NO. OF UNITS</u>	<u>RECORD NO.</u>	<u>RECORDED</u>	<u>DUE DATE</u>
BAKER 1	20	521	July 31, 1978	July 31, 1983
BAKER 2	18	522	July 31, 1978	July 31, 1982
BAKER 3	10	523	July 31, 1978	July 31, 1982
BAKER 4	15	575	Oct. 20, 1978	Oct. 20, 1986
BAKER 5	12	1074	Sept.18, 1980	Sept.18, 1981
BAKER 6	8	1075	Sept.18, 1980	Sept.18, 1981
BAKER Fr.	1	1076	Sept.18, 1980	Sept.18, 1981

GEOLOGY

The claims are underlain by sedimentary rocks of upper Proterozoic age. A homoclinal north-south trending sequence of sediments, including the Kitchener-Siyeh, Dutch Creek and Mount Nelson Formations of Purcell Age are unconformably overlain to the west by the Toby and Horsethief Creek Formations of Windermere Age.

The Purcell rocks consist of quartzites, phyllites argillites, dolomites and minor amphibolites. These rocks cannot generally be correlated over more than a few hundred metres due to structural complications or sedimentary facies variations. To the west, the Windermere rocks consist of a basal conglomerate unit overlain by quartzite and black argillite. A small intrusion of quartz monzonite outcrops in the centre of the Baker 1 claim.

PURPOSE OF DRILLING PROGRAM

The diamond drilling program on the Baker mineral claims was initiated in 1980 with the following objectives.

1. To test for downdip continuity and grade of mineralization located in the surface showing.
2. To determine the correlation between surface soil geochemical anomalies and mineralization below overburden.
3. To determine the structure and lithology of the mineralized zone.
4. To determine the continuity or variability of grade within the mineralized zone.
5. To locate economic grades of mineralization within the broad mineralized zone.

INTERPRETATION OF 1980 DRILL RESULTS

Drilling in 1980 has shown a zone of lithologies consisting of light grey phyllite, overlying dark green banded calcareous metasediments ("skarn") which in turn overlies a thick sequence of relatively pure quartzite or phyllitic

3.

quartzite. This sequence of rocks is invaded by a biotite quartz monzonite plug and numerous dikes, as well as quartz veins.

Mineralization occurs throughout all of the drill holes, but appears to be most significant in the intrusion and the quartzite. Grades in these rocks are low but persistent, averaging about 0.03% Mo.

Lithologies and individual assays are reported in the drill logs, which are attached to this report.

CONCLUSIONS

The 1980 diamond drilling program on the Baker mineral claims has succeeded in identifying the source of geochemical soil anomalies for molybdenum. The underlying quartzites and intrusive rock were found to contain disseminated molybdenite averaging 0.03% Mo over significant intersections. More drilling and testing are required to determine whether portions of this mineralized zone could be of economic grade and size.

Report by: R. L. Wright

R. L. WRIGHT
Geologist

Endorsed by: D. L. Cooke

D. L. COOKE
Senior Geologist

Approved for
Release by: M. J. Mealy for

G. HARDEN, Manager
Exploration,
Western District.

RLW/pm
Distribution:
Mining Recorder (2)
W.D. File (1)
RLW/DLC (2)

COMINCO LTD.

EXPLORATION

WESTERN DISTRICT

BAKER MINERAL CLAIMS

Total Period of Drilling Program

June 19 - Oct. 17/80

Statement of Expenditures

July 23 - 26,1980

D.D. Hole BC 80-1
0' - 500' \$18.75/FT. \$ 9,375.00

Contractor: Phil's Diamond Drilling
R.R.#1
Emerald Crescent
Lac La Hache, B.C.
VOK ITO

COMINCO LTD.

EXPLORATION

NTS: 82F/10E

WESTERN DISTRICT

10 NOVEMBER 1980

STATEMENT OF QUALIFICATIONS

A P P E N D I X II

I, ROBERT L. WRIGHT, OF THE CITY OF VANCOUVER, IN THE PROVINCE OF BRITISH COLUMBIA, HEREBY CERTIFY:

1. THAT I am a geologist residing at 1859 Napier Street, Vancouver, British Columbia, with a business address at 409 Granville Street, Vancouver, British Columbia.
2. THAT I graduated with a B.Sc. in geology from McMaster University, Hamilton, Ontario in 1971 with a M.Sc. in geology from the University of British Columbia in 1974.
3. THAT I have practised geology with Cominco Ltd. from 1975 to 1980.

DATED THIS 13th DAY OF November 1980 AT VANCOUVER,
BRITISH COLUMBIA.

R. L. Wright.

R. L. WRIGHT, M.Sc.

Scale

Colour Plot
& Dips

Drill Hole Record



Property	Baker Creek	District	Fort Steele M.D.	Hole No.	BC-80-1	
Commenced	July 23, 1980	Location	Baker Creek, B.C.	Tests at	346 ft, 746 ft	
Completed	July 30, 1980	Core Size	BQ	Corr. Dip	-59,5 ⁰ , -57 ⁰	
Co-ordinates	0+35S, 2+10W	True Brg.	085 ⁰	Logged by	R.L. Wright	
Objective	To test for MoS ₂ mineralization at depth below anomalous Mo soil values; to determine extent of intrusion at depth.		% Recov.	98% +	Date	July 28, 1980
				Hor. Comp.	380 ft. (116 m)	
				Vert. Comp.	640 ft. (195 m)	

Claim	Baker 1
T Brg.	085 ⁰
Collar Dip	-62 ⁰
Elev.	6500 ft.
Length	746' (227.4m)
Hole No.	BC-80-1
Sheet	1

Footage From	To	Description	Sample No.	Length	Analysis	
					%Mo	W(ppm)
0'	12'0"	OVERBURDEN - no core recovered.				
12'0"	120'0"	GREY PHYLLITE	75001	10	.002	9
		Light to medium grey, fine-grained laminated phyllite. Dark grey and light grey laminations due to variation in proportion of sericite, quartz and dark argillaceous material. Irregular pyrite grains disseminated throughout (1%) with concentrations along fracture surfaces and parallel to foliation. Rock heavily rusted down to 63 ft., pyrite is relatively fresh below this point.	75002	10	.001	8
			75003	10	.018	33
			75004	10	.019	10
			75005	10	.007	15
			75006	10	-.001	11
		Rock is intersected by widely spaced quartz veinlets 1 - 10 m.m. wide with abundant pyrite	75007	10	.001	8
		10 - 20% and finely disseminated molybdenite. Veinlets are parallel to foliation and also near parallel to core axis. Frequency is 5 to 10/10 ft. section.	75008	10	.006	8
			75009	10	.012	7
			75010	10	.014	10
		Dark green fine-grained amphibolite in short sections from 1 to 30 cm long, grading into phyllite at both ends. Consists of amphibole (actinolite?) with epidote streaks, slightly calcareous, plus dissem. pyrite up to 5%. These zones occur at 66', 70', 72', 73', 81-82', 100-102'	75011	10	.012	12
		103' - 104' Greisen (?) veins consisting of tufted black tourmaline,				
		& 117' quartz blebs, white topaz(?) and dissem. pyrite in roughly equal proportions.				
		One sample contains black xls of wolframite(?) (sampled).				

*contorted

Scale

Colour Plot
& Dips

Drill Hole Record



Property Baker Creek District Hole No. BC-80-1

Commenced Location Tests at Hor. Comp.

Completed Core Size Corr. Dip Vert. Comp.

103' 58° Co-ordinates True Brg. Logged by

Objective % Recov. Date

Footage From To	Description	Sample No.	Length	Analysis		Claim	T Brg.	Collar Dip	Elev.	Length	Hole No. BC-80-1	Sheet 2
				% Mo	W (ppm)							
120' 45°	120' - 223' 0" CALCAREOUS METASEDIMENTS ("Skarn")	75012	10'	.016	14							
130' 45°	Laminated dark green skarn typically consisting of alternating layers of grey quartz-rich material and dark green actinolite-epidote rock which is calcareous. Pyrite occurs as dissem. grains and streaks parallel to foliation in the green sections, also with quartz in veinlets parallel to compositional layering. Quartz veins have a bluish grey colour due to finely disseminated MoS ₂ .	75013	10'	.011	20							
		75014	10'	.023	22							
		75015	10'	.014	18							
		75016	10'	.004	22							
		75017	10'	.060	12							
		75018	10'	.015	20							
		75019	10'	.015	10							
		75020	10'	.028	45							
		75021	10'	.015	7							
			128' - 148' Dark Greenish-black banded amphibolite consisting of actinolite and plag. with dissem. FeS ₂ and stringers. Averages 10 quartz-pyrite MoS ₂ stringers per 10' of core. Approx. half parallel weak banding others at low angles to core axis (<30°) Pyrite quartz stringers (>50% FeS ₂) without visible MoS ₂ are common. Several thicker 1 cm veins at 20° to core axis contain quartz, Kspar, epidote, pyrite and dissem. MoS ₂ in order of abundance.									
	148' - 165' Typical calcareous metasediment: alternating dark green actinolitic layers and grey brown phyllitic quartzite layers, 3-4 layers/cm. Quartz pyrite MoS ₂ veinlets 12/10' section.											
	165' - 173' Fine-grained greenish-black amphibolite consisting of actinolite plagioclase and biotite, with finely dissem. pyrite and quartz-pyrite stringers at various angles. Stringers typically have epidotized margins.											

Scale

Colour Plot
& Dips

Drill Hole Record



Property		Baker Creek	District		Hole No.	BC-80-1						
Commenced			Location		Tests at		Hor. Comp.					
Completed			Core Size		Corr. Dip		Vert. Comp.					
Co-ordinates			True Brg.			Logged by						
Objective			% Recov.			Date						
Footage		Description				Sample No.	Length	Analysis				
From	To							%Mo	W) ppm)			
140'	75°	173' - 223'	Calcareous metasediment similar to above. About 13 quartz-FeS ₂ -MoS ₂ stringers per 10' section.									
150'	50°	186'	1 cm Quartz-kspars pyrite veinlet coarse-grained.									
		195'	3 cm Quartz-kspars pyrite epidote MoS ₂ veinlet.									
160'	52°	205'-206'	Actinolite-quartz-epidote-grossularite-pyrite skarn, moderately banded. Pyrite up to 30%. Grossularite as 1-5 mm irregular rounded patches. Minor dissem. MoS ₂ in quartzose sections.									
170'		210'	10 cm of skarn as above.									
180'	80°	223' 0" - 249' 0"	INTRUSIVE-VEIN COMPLEX									
190'	68°		A mixture of granitic intrusive rock (quartz monzonite), massive quartz and silicified country rock probably representing northern extension of main body to the south.				75022	9	.044	15		
							75023	9	.046	14		
200'	C						75024	9	.062	7		
210'	85°	223' - 231'	Variably silicified skarn rock, from recognizable green banded variety, to a highly contorted and sheaved, fine-grained (mylonite?) siliceous rock of unknown origin. Lower portion is a light brown banded quartzite probably representing silicified banded skarn. About 50 quartz-pyrite-MoS ₂ veinlets per 10' section.									
220'	65°	231' - 234'	Gradational contact to pure white massive quartz with quartz-pyrite, MoS ₂ stringers.									

Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet
					BC-80-1	3

Scale

Colour Plot
& Dips

Drill Hole Record



Property	Baker Creek	District		Hole No.	BC-80-1
Commenced		Location		Tests at	
Completed		Core Size		Corr. Dip	
Co-ordinates		True Brg.		Logged by	
Objective		% Recov.		Date	
Footage	Description	Sample No.	Length	Analysis	
From To				%Mo	W(ppm)
234' - 237'	Light green medium grained porphyritic intrusive rock (quartz monzonite?). 1 cm diameter kspar and quartz phenocrysts in green ground mass containing quartz, kspar, plagioclase, dissem. sericite flakes, dissem. pyrite, about 1%, and finely disseminated MoS ₂ . Also MoS ₂ along fractures. Numerous quartz veinlets up to 5 mm wide, with euhedral pyrite xls. Lower contact is quartz veined, with abundant MoS ₂ along vein edges.				
237' - 249'	Massive milky white quartz with streaks of sericite, pyrite and MoS ₂ . About 1 foot of silicified skarn at base.				
249' 0" - 302'	CALCAREOUS METASEDIMENT ("SKARN") Typically dark grey green banded rock with alternating layers of actinolite, epidote, grossularite, with lighter bands which are quartz rich. Strongly to weakly calcareous throughout. Pyrite as streaks and disseminations throughout. Grossularite occurs in patches only, not throughout.	75025 75026 75027 75028 75029	10' 10' 10' 10' 13'	015 020 023 007 032	11 30 17 42 10
255' - 259'	Greenish black f.g. amphibolite with pyrite stringers and quartz-pyrite stringers with epidotized margins.				
259' - 278'	Grossularite rich (75%) section 10 cm long.				

Claim

T Brg.

Collar Dip

Elev.

Length

Hole No. BC-80-1

Sheet 4

Scale

Colour Plot
& Dips

Drill Hole Record



Property	Baker Creek	District	Hole No.	BC-80-1
Commenced	Location	Tests at	Hor. Comp.	
Completed	Core Size	Corr. Dip	Vert. Comp.	
Co-ordinates		True Brg.	Logged by	
Objective		% Recov.	Date	

Footage From	To	Description	Sample No.	Length	Analysis		Claim	T Brg.	Collar Dip	Elev.	Length	Hole No. BC-80-1	Sheet 5
					%Mo	W(ppm)							
300'	67°	300' - 302'											
310'	79°	Abundant quartz-veins with MoS ₂ along margins. Generally perpendicular to core.											
320'	90°	302' - 305'	75030	3'	.014	25							
330'	85°	GRANITIC INTRUSION Medium grained, light greenish granitic intrusion (quartz monzonite?) with rounded quartz phenocrysts up to 6 mm in a patchy matrix of feldspar, biotite, quartz and disseminated pyrite. Cut by fine quartz and epidote stringers. Contact with wall rock is a shear surface coated with MoS ₂ .											
340'		305' - 374'	75031	10'	.030	10							
350'	67°	Similar to previously described unit. About 30 MoS ₂ bearing fractures/10' section. Somewhat greyer in colour -less epidote(?).	75032	10'	.021	16							
360'	68°	330' - 340'	75033	19'	.021	9							
370'	76°	1 cm wide quartz veins running subparallel to core. Finely disseminated MoS ₂ concentrated along edges of vein.	75034	10'	.010	7							
		360' - 374'	75035	10'	.022	14							
		Skarn becomes increasingly siliceous and lighter grey in colour. Base of skarn taken as last significant amphibole - rich portion. Biotite patches in lower section as well (hornfels?).	75036	10'	.032	9							

Scale

Colour Plot
& Dips

Drill Hole Record



Property		Baker Creek	District		Hole No.	BC-80-1			Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	BC-80-1	Sheet	6
Commenced	Location	Tests at	Hor. Comp.	Completed	Core Size	Corr. Dip	Vert. Comp.	Co-ordinates	True Brg.	Logged by	Objective	% Recov.	Date				
380'	44°																
390'	57°																
400'	61°																
Footage From	To	Description	Sample No.	Length	%Mo	W(ppm)											
410'	65°	374' - 746'															
		Light grey to white fine-grained massive to weakly foliated quartzite consisting predominantly of quartz with about 5% sericite which defines the foliation.	75037	10'	.043	11											
			75038	10'	.033	8											
			75039	10'	.015	6											
		380' - 410' About 50 MoS ₂ bearing quartzite [†] - pyrite stringers per 10' section.	75040	10'	.078	8											
			75041	10'	.049	10											
		374' - 388 Phyllitic quartzite with 10 - 20% sericite and well developed foliation.	75042	10'	.015	10											
			75043	10'	.049	6											
		416' 20 cm intrusive rock similar to unit at 303', but strongly kaolinized, very crumbly less altered portions contain biotite flakes in greenish quartz-plagioclase matrix.	75044	10'	.034	8											
			75045	10'	.044	8											
			75046	10'	.046	6											
			75047	10'	.032	8											
		418' - 420' granitic intrusion - medium - grained biotite quartz monzonite with large 2 cm kspar corroded phenocrysts. Several vuggy quartz-pyrite veinlets with abundant MoS ₂ .	75048	10'	.017	8											
			75049	10'	.032	8											
			75050	10'	.032	10											
			75051	10'	.144	8											
		435' - 445' About 18 MoS ₂ bearing quartz [†] - pyrite stringers/10' section.	75052	10'	.025	10											
			75053	9'	.023	8											
		493' 15 cm wide dike of grey green, m.g. granitic rock (quartz monzonite?). Green colour due to saussuritization of feldspar. Contains 70% feldspar, 20% quartz, 9% epidote, 1% biotite.															

*Massive, no layering

Scale

Colour Plot
& Dips

Drill Hole Record



Property Baker Creek

District

Hole No. BC-80-1

Commenced

Location

Tests at

Hor. Comp.

Completed

Core Size

Corr. Dip

Vert. Comp.

Co-ordinates

True Brg.

Logged by

Objective

% Recov.

Date

Claim

T Brg.

Collar Dip

Elev.

Length

Hole No. BC-80-1

Sheet 7

Footage From	To	Description	Sample No.	Length	Analysis	
					%Mo	W (ppm)
		Margin of intrusion is 3 cm white quartz with finely dissem. pyrite and MoS ₂ .				
510'	57°	496' 7 cm wide dike of highly altered granitic intrusive rock. Highly kaolinized and silicified along fractures. Very sharp contact with quartzite marked by seam of pyrite. Probably a quartz monzonite. Minor finely dissem. biotite.				
520'	M	Quartzite in this area is light brownish-grey, strongly fractured in 4 directions with quartz pyrite and MoS ₂ along most fractures.				
530'	M	Narrow offshoot of quartz monzonite 5 m.m. wide has fine-grained MoS ₂ along contact.				
540'	60°	516' Large white quartz vein 15 cm thick with scattered feldspar blebs throughout, and abundant f.g. MoS ₂ along contacts. Quartz veins in this area are usually rich in MoS ₂ and average about 75/10' section.				
		538' 10 cm. thick light greenish grey m.g. granitic intrusion with finely dissem. sericite, biotite and pyrite.				
550'	44°	543' - 545' Greenish white fine-grained granitic intrusion intensely kaolinized to a chalky matrix with 20% rounded quartz eyes preserved. Abundant veinlets	75054	2	.045	10
560'	63°	1 mm. wide of pyrite-quartz or quartz with finely dissem. MoS ₂ .				

Scale

Colour Plot
& Dips

Drill Hole Record



Property		Baker Creek	District			Hole No.		BC-80-1	Claim	T Brg.	Collar Dip	Elev.	Length	Hole No. BC-80-1	Sheet 8			
Commenced			Location			Tests at										Hor. Comp.		
Completed			Core Size			Corr. Dip										Vert. Comp.		
Co-ordinates			True Brg.			Logged by												
Objective			% Recov.			Date												
Footage		Description				Sample No.	Length	Analysis										
From	To							% Mo	W (ppm)									
570'	M	550'	570'	About 40 quartz-pyrite MoS ₂ stringers/10' section in at least 4 directions:		75055	10	.032	6									
580'	M			1) Parallel to core axis, generally about 1 cm. wide quite irregular		75056	10	.014	8									
590'	60°			in direction.		75057	10	.045	8									
				2) 30° to core axis with pyrite, MoS ₂		75058	10	.021	6									
600'	M			3) 60° to core axis with pyrite, MoS ₂		75059	10	.022	6									
				4) Perpendicular to core, with abundant pyrite.		75060	10	.052	8									
						75061	10	.036	8									
610'	48°	620'	630'	About 60 quartz-pyrite MoS ₂ stringer/10' section		75062	10	.026	10									
620'	M					75063	10	.071	10									
630'	M	670'	680'	About 60 quartz-pyrite MoS ₂ stringers/10' section.		75064	10	.022	10									
640'	M					75065	10	.041	8									
650'	M	720'	730'	About 50 quartz-pyrite-MoS ₂ stringers/10' section.		75066	10	.076	8									
660'	M					75067	10	.030	8									
670'	42°			Minor phyllite sections 2-3 cm thick in this area.		75068	10	.015	6									
680'	60°					75069	10	.019	8									
690'	M			MoS ₂ mineralization continues to end of hole, but appears to be		75070	10	.034	8									
				somewhat weaker.		75071	10	.041	6									
700'	62°					75072	10	.030	6									
710'	63°	746' 0"		END OF HOLE		75073	10	.060	8									
720'	50°					75074	11	.025	10									
730'	45°																	

Scale

Colour Plot
& Dip

Drill Hole Record



Property	BAKER CREEK		District	Fort Steele M.D.		Hole No.	BC 80-2		
Commenced	July 31/80		Location	Baker Creek, B.C.		Tests at	440'		
Completed	Aug. 15/80		Core Size	BQ		Corr. Dip	-63°		
Co-ordinates	1 + 00N, 1 + 80W		True Brg.	091°		Logged by	R.L. Wright		
Objective	To test for economic MoS ₂ mineralization at depth below MoS ₂ showing.		% Recov.	98%+		Date	Aug. 10/80		
Footage		Description					Sample No.	Length	Analysis
	From	To							
10'	61°	0' - 2'0"	OVERBURDEN no core recovery						
20'	75°								
30'	C*	2'0" - 145'0"	PHYLLITE						
40'	40°		Light to medium grey, fine-grained phyllite with alternating light and dark grey layers -						
50'	86°		probably a siltstone turbidite originally. Foliation varies from regular and planar to						
60'	C		highly contorted, and relation of compositional banding to foliation also variable, but						
70'	60°		most commonly parallel. Fine-grained subhedral pyrite occurs as dissem. throughout and						
80'	30°		as streaks along layering. Quartz-pyrite veinlets averaging about one per foot, cut the						
90'	48°		core at irregular intervals and without apparent consistency in attitude.						
100'	30°		Composition is predominantly quartz and sericite with up to 5% pyrite. Rare quartz						
110'	12°		stringers with bluish cast suggesting MoS ₂ .						
120'	68°								
130'	58°		72 - 145 Dark Layers in phyllite have a greenish black rather than grey colour due to						
140'	35°		presence of amphibole (actinolite?) Spacing of layers ranges from 1 mm. to 10						
			cm., with silvery grey phyllite between. Layers become increasingly abundant						
			towards base until greenish layers predominate in the underlying unit. Rounded						
			chlorite patches develop within the darker layers toward base of phyllite unit						
			103 6" thick quartz vein with irregular green chloritic patches and chloritic margins;						
			also large up to 5 mm. subhedral pyrite crystals. no vis. MoS ₂ .						

Claim	BAKER 1
T Brg.	091°
Collar Dip	-71°
Elev.	6614 ft.
Length	654 ft. (199.3 m)
Hole No.	BC 80-2
Sheet	1

* contorted

Scale

Colour Plot
& Dips

Drill Hole Record



Property	BAKER CREEK	District		Hole No.	BC 80-2
Commenced		Location		Tests at	Hor. Comp.
Completed		Core Size		Corr. Dip	Vert. Comp.
Co-ordinates				True Brg.	Logged by
Objective				% Recov.	Date

Claim		T Brg.		Collar Dip		Elev.		Length		Hole No.	BC 80-2	Sheet	2
-------	--	--------	--	------------	--	-------	--	--------	--	----------	---------	-------	---

Footage	From	To	Description	Sample No.	Length	Analysis						
						Mo ppm	W ppm					
150'	cont.	145 - 340	CALCAREOUS METASEDIMENTS ("SKARN")	75089	10	68	13					
160'	62°		Dark grey-green overall colour, fine to coarse grained banded rock consisting of alternating light grey (quartz-rich), dark grey (phyllitic quartzite) and medium to dark green (actinolite) layers predominantly darker layers are weakly to strongly calcareous and chloritic	90	10	2	13					
			Massive mottled amphibolite in sections, with tectonite fabric parallel to layering in enclosing banded rock.	91	10	1	15					
				92	10	2	20					
				93	10	3	30					
				94	10	3	25					
				95	10	2	15					
				96	10	2	20					
				97	10	4	50					
				98	10	6	45					
			Quartz-pyrite veining common, usually parallel to banding, but also at a low angle to core axis.	75075	10	11	22					
				76	10	18	15					
				77	10	7	35					
				78	10	11	22					
170'	68°	168	Quartz vein 8 cm thick with 20% subhedral c.g. pyrite irregular stringers of magnetite and green chlorite									
180'	68°											
190'	44°	183 - 190	Medium to coarse-grained dark greenish-black amphibolite consisting of a mottled intergrowth of amphibole (hornblende?) and plagioclase. About 2% finely disseminated pyrite. Quartz-pyrite stringers common, parallel to tectonite fabric (= foliation)									
200'	75°											
210'	75°											

Scale

Colour Plot
& Dips

Drill Hole Record


 Property **BAKER CREEK** District **BC 80-2**

Commenced Location Tests at Hor. Comp.

Completed Core Size Corr. Dip Vert. Comp.

Co-ordinates True Brg. Logged by

Objective % Recov. Date

Claim

T Brg.

Collar Dip

Elev.

Length

Hole No. BC 80-2
Sheet 3

Footage	From	To	Description	Sample No.	Length	Analysis				
220'	-		216 - 221 Massive white quartz vein with traces of MoS ₂ along thin fractures. Also several pyrite clusters. Approximately 1 ft. at each side of vein is silicified skarn.							
230'	70°		228 - 236 Massive silicified skarn. Very compact and quartz rich, but preserves banded appearance of skarn. Disseminated pyrite still about 1%							
240'	65°		236 - 248 Dark greenish black mottled amphibolite similar to unit at 183'. Several quartz-pyrite veins up to 4 cm. wide.							
250'	47°		249 - 251 Massive sulphide. Dark green chloritic banded skarn with about 40% pyrite in streaks parallel to banding and 5% magnetite disseminated along streaks and in crosscutting stringers. Below this zone, skarn is more pyritic, with stringers of qtz-pyrite and also disseminated pyrite, amounting to about 3-5%. Skarn is also a paler green due to abundant epidote. Rounded patches or orange grossular noted at 260'.							
260'	67°		251 - 280 MoS ₂ -bearing. About 30 quartz-pyrite-MoS ₂ stringers/10' section.							
270'	65°									
280'	cont.		278 10 cm quartz vein with abundant zoisite crystals, idocrase, pyrite, epidote and disseminated MoS ₂ .							
290'	65°		270 - 300 Core has a vuggy appearance due to leaching of calcite? Coarse grained actinolite							
300'	49°									

Scale

Colour Plot
& Dip

Drill Hole Record



Property		BAKER CREEK	District		Hole No.	BC 80-2				
Commenced		Location		Tests at		Hor. Comp.				
Completed		Core Size		Corr. Dip		Vert. Comp.				
Co-ordinates				True Brg.		Logged by				
Objective				% Recov.		Date				
Elev.	Length	Collar Dip	T Brg.	Claim	Analysis					
					Mo ppm	W ppm				
Footage	Description		Sample No.	Length						
From	To									
310'	65°									
320'	70°		abundant.							
330'	70°									
340'	70°	340 - 376	TRANSITION ZONE							
			Zone of mixed lithologies: roughly equal proportions of fine to medium grained grey quartzite and dark greenish black banded skarn.	75079	10	106	12			
				80	10	73	9			
				81	10	17	15			
			348 - 349 25 cm. wide white quartz vein with minor disseminated pyrite, no visible MoS ₂	75082	10	15	12			
350'	80°									
360'	80°		360 - 362 White quartz vein with pyrite and sericite. MoS ₂ along shears in sericitic patches							
			363 15 cm. of banded quartz rich material with large ragged patches of feldspar and small pyritic patches.							
			376 Last occurrence of black banded rock. Remainder of core is predominantly quartzite with occasional dark bands in upper 20' section.							
370'	78°		366 - 376 About 40 Quartz-pyrite ± MoS ₂ stringers/10' section.							
380'	60°	376 - 654	QUARTZITE							
390'	71°		Light to medium grey, fine grained quartzite with well defined bedding due to streaks of	75083	10	42	8			
400'	77°		impure phyllitic material and also dark actinolitic material in upper portion adjacent to	84	10	49	5			
410'	70°		skarn.	85	10	73	6			

Scale

Colour Plot
& Dip

Drill Hole Record



Property		BAKER CREEK	District		Hole No.	BC 80-2			Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	BC 80-2	Sheet	5
Commenced			Location		Tests at		Hor. Comp.										
Completed			Core Size		Corr. Dip		Vert. Comp.										
Co-ordinates					True Brg.		Logged by										
Objective					% Recov.		Date										
Footage		Description				Sample No.	Length	Analysis									
From	To							Mo ppm	W ppm								
						75086	10	152	8								
						87	10	45	10								
						88	10	92	15								
		422			15 cm. vuggy quartz vein with fine dusting of MoS ₂ .	75099	10	22	2								
						100	10	18	1								
420'	58°	420 - 430			About 50 quartz-pyrite ± MoS ₂ veins/10' section. Larger vuggy veins tend to have MoS ₂ and can be either perpendicular to core or nearly parallel to it.	01	10	16	30								
						02	10	360	6								
						03	10	21	25								
						04	10	14	1								
430'	80°	430			Quartzite becoming relatively pure, light grey massive without phyllitic streaks. Merges into milky white quartz at 436. Very difficult drilling (2-3 in/hr.)	05	10	7	1								
						06	10	31	8								
						07	10	94	4								
						08	10	235	15								
440'	-	436 - 460			Milky white quartz vein with stringers of pyrite and MoS ₂ . Irregular vuggy patches of sericite with finely disseminated MoS ₂ .	09	10	20	15								
450'	-					10	10	18	15								
460'	59°					11	10	12	17								
470'	M *	462 - 482			Blocky broken, hard drilling. Relatively pure quartzite with qtz-pyrite-	12	10	21	5								
480'	M				MoS ₂ stringers parallel to core and to bedding.	13	10	19	10								
						14	10	14	8								
490'	M	482 - 492			Massive white quartz vein with MoS ₂ stringers, and several small patches of kspar.	15	10	4	5								
						16	10	43	10								

*Massive

Scale

Colour Plot
& Dips

Drill Hole Record



Property	BAKER CREEK	District		Hole No.	BC 80-2	Claim		T Brg.		Collar Dip		Elev.		Length		Hole No.	BC 80-2	Sheet	6
Commenced		Location		Tests at		Hor. Comp.													
Completed		Core Size		Corr. Dip		Vert. Comp.													
Co-ordinates		True Brg.		Logged by															
Objective		% Recov.		Date															
Footage	Description	Sample No.	Length	Analysis															
From	To			Mo ppm	W ppm														
500'	70°																		
510'	78°																		
520'	55°																		
530'	90°																		
540'	85°																		
550'	90°																		
560'	80°	492 - 629	Phyllitic quartzite. Grey brown quartzite with phyllitic layers every 1-5 cm.	75017	10	44	120												
570'	85°		Quartz pyrite stringers ± MoS ₂ parallel to bedding average 30/10' section	18	10	78	2												
580'	85°		Several 1-2 cm. wide quartz-k-spar-pyrite veins, possibly secondary k-spar	19	14	28	8												
590'																			
600'	70°	629	One foot wide milky white quartz vein with irregular patches of pyrite (2%)																
610'	60°		and finely disseminated MoS ₂ along fractures.																
620'	60°																		
630'	60°	638 - 641	Milky white quartz vein with trace disseminated MoS ₂ and pyrite.																
640'	Q																		
650'	65°	654	END OF HOLE																

Scale

Colour Plot
& Dips

Drill Hole Record



Property	BAKER CREEK	District	Fort Steele M.D.	Hole No.	BC 80-3
Commenced	Aug. 16, 1980	Location	Baker Creek, B.C.	Tests at	723 ft. 220 m. Hor. Comp. 22 ft. (6.7 m)
Completed	Aug. 20, 1980	Core Size	BQ	Corr. Dip	-86.5 Vert. Comp. 722 ft. (220 m)
Co-ordinates	1 + 00S, 2 + 10W		True Brg.	-	Logged by R.L. Wright
Objective	To sample a section of mineralized intrusion and to determine subsurface geometry of lithological units		% Recov.	98% +	Date Aug. 20, 1980

Claim	BAKER 1
T Brg.	-
Collar Dip	-90°
Elev.	6336 ft.
Length	723'
Hole No.	BC 80-3
Sheet	1

Footage From To	Description	Sample No.	Length	Analysis	
				Mo%	Wppm
0 - 2	OVERBURDEN no core recovery				
65 ⁰ 2 - 100	CALCAREOUS METASEDIMENT ("SKARN") Similar to previous intersections. Heavily rusted over entire section but some pyrite and MoS ₂ preserved in quartz stringers. Epidote rich at top of section, becoming blacker toward base due to biotite(?) Grades into light grey phyllitic quartzite at base, over 10' interval.	75120 21 22 23 24 25 26 27 28 29	10 10 10 10 10 10 10 10 10 10	.014 .011 .013 .015 .012 .017 .007 .014 .013 .031	4 2 2 3 4 3 30 3 4 3
100 - 115	PHYLLITIC QUARTZITE Typical unit, intersected by quartz-pyrite-MoS ₂ stringers, mostly heavily rusted and probably depleted in MoS ₂ . Lower 2-3 feet of section very siliceous with sugary texture. Contact with underlying intrusion obliterated by grinding and crushing of core.	75130 31	10 5	.057 .018	2 3
115 - 143	GRANITIC INTRUSION (QUARTZ MONZONITE) Pale greenish-grey porphyritic quartz monzonite with 1 cm. pink euhedral kspar phenocrysts <1% and rounded 1-2 mm quartz eyes in a fine-medium grained matrix of greenish plagioclase and kspar, and black ragged biotite, partially altered to chlorite(?). Contact 20 ⁰ to core.	75132 33 34	10 10 10	.017 .006 .025	4 8 10

Scale

Colour Plot
& Dip

Drill Hole Record



Property		District	Hole No.		BC 80-3		Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet
Commenced		Location	Tests at		Hor. Comp.								
Completed		Core Size	Corr. Dip		Vert. Comp.								
Co-ordinates		True Brg.		Logged by									
Objective		% Recov.		Date									
Footage	Description	Sample No.	Length	Analysis									
From	To			Mo%	Wppm								
	Occasional quartz-pyrite-MoS ₂ stringer with green chloritic(?) margin.												
143 -	175 QUARTZITE	75135	10	021	2								
	Pale greenish grey phyllitic quartzite with abundant blackstreaks of chlorite or biotite.	36	10	037	8								
	Several short sections similar to skarn with alternating dark micaceous layers and light grey quartzose layers.	37	10	018	8								
	147 Short section 6' of altered intrusive, similar to previous intersections.												
175 -	208 GRANITIC INTRUSION (QUARTZ MONZONITE)	75138	10	015	15								
	Similar to previous intersection but pink kspar more abundant. About 15 quartz-pyrite-	39	10	005	12								
	MoS ₂ stringers per 10' section.	40	10	015	8								
	189 - 191 Inclusion of quartzite and black skarn. MoS ₂ on fracture surfaces. About 3 cm. of milky quartz on both contacts.												
	196 - 201 Inclusion of black amphibolitic skarn with layering parallel to core. Quartz pyrite stringers with MoS ₂												
208 -	217 QUARTZITE	75141	10	112	2								
	Typical unit with abundant MoS ₂ in 1 cm. quartz-pyrite veins running parallel to core axis.												
217 -	310 CALCAREOUS METASEDIMENT	75142	10	.050	2								

Scale

Colour Plot
& Dips

Drill Hole Record



Property	BAKER CREEK	District		Hole No.	BC. 80-3	Claim		T Brg.		Collar Dip		Elev.		Length		Hole No.	BC 80-3	Sheet	3
Commenced		Location		Tests at		Hor. Comp.													
Completed		Core Size		Corr. Dip		Vert. Comp.													
Co-ordinates		True Brg.		Logged by															
Objective		% Recov.		Date															
Footage	Description	Sample No.	Length	Analysis	Mo%	Wppm													
From	To																		
	Typical unit with massive and banded section dark green to black in colour. Strongly quartz veined, with MoS ₂ and pyrite approximately 30 veinlets/10'	75143	10	.026		2													
		44	10	.035		4													
		45	10	.025		2													
		46	10	.030		2													
		47	10	.019		8													
		48	10	.017		8													
		49	10	.018		3													
	279 - 285 Light grey phyllitic quartzite with MoS ₂ in stringers.	75150	10	.018		8													
310 - 360	TRANSITION ZONE	75151	10	.170		4													
	Alternating bands of quartzite and black calcareous metasediment, well mineralized	52	10	.021		8													
		53	10	.044		4													
	336 - 340 Granitic intrusion. Medium greenish matrix with black biotite and pinkish kspar stringers.	54	10	.017		10													
		55	10	.052		8													
360 - 365	GRANITIC INTRUSION																		
	Quartz vein with green chloritic stringers and 12" wide granitic intrusion at centre.	75156	10	.027		10													
	Light grey green matrix with black biotite and 5 mm. quartz eyes. Probably altered equivalent of other granitic rocks.																		
365 - 445	PHYLLITIC QUARTZITE	75157	10	.026		6													
	Typical unit with quartz-pyrite-MoS ₂ veinlets 30/10'	58	10	.014		6													

Scale

Colour Plot
& Dips

Drill Hole Record



Property		District	Hole No. BC 80-3		Claim	T Brg.	Collar Dip	Elev.	Length	Hole No. BC 80-3	Sheet 4
Commenced		Location	Tests at	Hor. Comp.							
Completed		Core Size	Corr. Dip	Vert. Comp.							
Co-ordinates		True Brg.	Logged by								
Objective		% Recov.	Date								
Footage From	To	Description	Sample No.	Length	Analysis		Mo%	Wppm			
	409 - 410	Granitic intrusion similar to previous units, but with pink aplitic portion and dissem. MoS ₂ .	75159	10	.021		8				
			60	10	.023		12				
			61	10	.012		12				
	428 - 430	Granitic intrusion. Heterogeneous green to pink in colour with pink and green feldspar phenocrysts and quartz eyes, up to 1 cm diameter in fine grained pinkish matrix & disseminated biotite.	62	10	.010		10				
			63	10	.019		10				
			63	10	.026		8				
445 - 497		GRANITIC INTRUSION	75165	10	.024		10				
		Very heterogeneous unit ranging from fine-grained light grey 'granite' to coarse pegmatite.	66	10	.031		10				
		Average composition is similar to previous intrusions. Strongly kaolinized and sericitized intersections. Pegmatite zones of orange kspar and grey quartz abundant. Quartz pyrite	67	10	.012		6				
		MoS ₂ stringers average 20/10' section.	68	10	.027		8				
			69	10	.032		8				
	475 - 479	Milky white quartz vein with patches of kspar, MoS ₂ along fractures. Also pyrite and chloritic patches.									
	497	About 1 foot of pegmatite at lower contact, abundant orange kspar in lower 10' of intrusion, possibly secondary.									
497 - 532		AMPHIBOLITE	75170	10	.018		2				
		Massive, black, fine to medium grained rock with abundant fracturing and quartz veining.	71	10	.006		3				
		Pyrite from 1-10% of core as irregular patches in quartz veins and finely disseminated.	72	10	.017		4				

Scale

Colour Plot
& Dip

Drill Hole Record



Property	BAKER CREEK	District		Hole No.	BC 80-3
Commenced		Location		Tests at	Hor. Comp.
Completed		Core Size		Corr. Dip	Vert. Comp.
Co-ordinates				True Brg.	Logged by
Objective				% Recov.	Date

Footage From	To	Description	Sample No.	Length	Analysis		Claim	T Brg.	Collar Dip	Elev.	Length	Hole No. BC 80-3	Sheet 5
					Mo%	Wppm							
		Magnetite also abundant in rock and as coarse patches with pyrite in quartz veins.	75173	13	.021	8							
		505 - 506 Short medium grey-green altered granitic intrusion probably same unit as previous intrusions.											
		520 - 522 Light grey crumbly fault gouge											
		522 - 524 Milky white quartz vein 30° to core axis, with stringers of MoS ₂											
532 - 723		QUARTZITE	75174	10	.015	8							
		Typically massive light grey fine grained quartzite with abundant quartz pyrite-MoS ₂ stringers. Several short intrusive sections included.	75	10	.015	10							
			76	10	.114	6							
			77	10	.034	8							
			78	12	.021	5							
		534 - 538 Light grey green fine-medium grained granitic intrusion with pink kspar (secondary) along veinlets	75179	10	.030	6							
			80	10	.021	8							
			81	10	.028	6							
		538 - 575 Numerous thin (<1 cm) aplite and pegmatite veinlets consisting of orange kspar and white quartz.	82	10	.049	4							
			83	10	.027	2							
			84	10	.029	4							
		577 - 579 Orange fine-medium grained granitic intrusion with 'bleached' grey margins around quartz stringers c̄ MoS ₂ . Probably silicified aplitic intrusion.	85	10	.021	6							
			86	10	.022	7							
			87	10	.041	8							

Scale

Colour Plot
& Dip

Drill Hole Record



Property	BAKER CREEK	District		Hole No.	BC 80-3
Commenced		Location		Tests at	Hor. Comp.
Completed		Core Size		Corr. Dip	Vert. Comp.
Co-ordinates				True Brg.	Logged by
Objective				% Recov.	Date

Footage From	To	Description	Sample No.	Length	Analysis		Claim	T Brg.	Collar Dip	Elev.	Length	Hole No. BC 80-3	Sheet 6
					Mo%	Wppm							
			75188	10	.046	6							
			89	10	.019	3							
			90	10	.011	4							
	619	Aplite vein 15 cm. wide with quartz-MoS ₂ stringers	75191	13	.092	2							
	625 - 627	Granitic intrusions (2) each about 10 cm. wide											
	638	3 cm aplite vein with assoc. MoS ₂ along contacts and fractures.											
	646	30 cm granitic intrusion with abundant quartz veining and coarse flake MoS ₂ along fractures.											
	650	aplite stringer 2-3 cm. wide											
	657	light greenish pink aplite 20 cm. wide.											
	719 - 722	Irregular aplite stringers with pale sericite patches and abundant pyrite and MoS ₂											
	723	END OF HOLE											

Scale

Colour Plot
& Dips

Drill Hole Record



Property	BAKER CREEK	District	Fort Steele M.O.	Hole No.	BC 80-4
Commenced	Aug. 21, 1980	Location	Baker Creek, B.C.	Tests at	607 ft.
Completed	Aug. 24, 1980	Core Size	BQ	Corr. Dip	-73.5
Co-ordinates	2 + 10S, 2 + 10W		True Brg.	090°	Logged by R.L. Wright
Objective	To test for southern limit of Mo mineralization located in DDH 1 & 3. To determine subsurface extent of mineralized intrusion			% Recov.	98%+
				Date	Aug. 24, 1980

Claim	BAKER 1
T Brg.	090°
Collar Dip	-70
Elev.	6220
Length	767 ft. (233.8 m)
Hole No.	BC 80-4
Sheet	1

Footage From To	Description	Sample No.	Length	Analysis	
				Mo%	Wppm
0 - 4	OVERBURDEN, RUBBLE no core recovery				
4 - 85	CALCAREOUS METASEDIMENT (SKARN)	75192	10	.005	2
	Typically greenish black banded metasediment with abundant pyrite along fractures and in quartz stringers. Dark Layers (up to 5 mm) consisting of fine grained actinolite and chlorite(?) alternate with light grey layers of quartz. Abundant quartz pyrite veins, many with fine grained MoS ₂ . Core rusted to about 50 feet.	93	10	.010	3
		94	10	.006	5
		95	10	.010	8
		96	10	.044	8
		97	10	.031	2
	16-23 Granitic intrusion - badly weathered, but appears to be similar to other intrusions, with quartz eyes in a fine grained matrix.	98	10	.032	10
	59 15 cm white quartz vein with abundant streaks of MoS ₂	75199	10	.021	4
85 - 335	PHYLLITIC QUARTZITE	75200	10	.024	10
	Typical unit with abundant quartz veining c̄ pyrite and MoS ₂	01	10	.062	15
		02	10	.090	10
	130 10 cm. pink aplite stringer. Quartz veins in this area contain patches of pale yellow sericite. Quartz-pyrite-MoS ₂ stringers 40/10'	03	10	.070	6
		04	10	.034	9
		05	10	.037	10
		06	10	.041	20
		07	10	.048	10
	168 - 171 Granitic Intrusion, greenish orange, med. grained, with pale green rounded feldspar grains in a finer grained orange matrix. Stringers of quartz-sericite-	75208	10	.051	30

Scale

Colour Plot
& Dips

Drill Hole Record



Property	BAKER CREEK	District		Hole No.	BC 80-4														
Commenced		Location		Tests at		Hor. Comp.													
Completed		Core Size		Corr. Dip		Vert. Comp.													
Co-ordinates		True Brg.		Logged by															
Objective		% Recov.		Date		Claim		T Brg.		Collar Dip		Elev.		Length		Hole No.	BC 80-4	Sheet	2
Footage	Description		Sample No.	Length	Analysis														
From	To				Mo%	Wppm													
		pyrite-MoS ₂ . Central portion is a medium grey green chloritized(?) rock apparently altered from the border phase.																	
	177 - 181	Granitic Intrusion, med. grey green med. grained with euhedral pink and white kspar phenocrysts (up to 1 cm diameter) and rounded quartz eyes in a green matrix of altered feldspar and sericite. Orange kspar developed along margins of quartz veins. Quartz pyrite MoS ₂ stringers common.	75209	10	.032	10													
	180 - 300	Abundant quartz stringers with orange kspar along margins and within veins. Sericitized selvages common.	75210	10	.045	15													
				11	10	.051	12												
				12	10	.045	9												
				13	10	.033	12												
	222 - 224	Granitic Intrusion, yellow-orange, med. grained with rounded quartz eyes in a fine-grained feldspathic matrix. Abundant quartz stringers with pyrite and minor MoS ₂ .	75214	10	.044	8													
				15	10	.025	12												
	248 - 249	Granitic Intrusion, yellow orange with quartz eyes.	75216	10	.029	30													
				17	10	.027	500												
	267 - 271	Granitic Intrusion. Porphyritic with pink kspar phenos (1 cm) in pale green matrix with flakes of fresh black biotite. Margin of dike is orange in colour, similar in appearance to previously described orange intrusions.	75218	10	.021	70													
				19	10	.023	15												

Scale

Colour Plot
& Dip

Drill Hole Record



Property		BAKER CREEK	District		Hole No.	BC 80-4			Claim	T Brg.	Collar Dip	Elev.	Length	Hole No.	Sheet
Commenced			Location		Tests at		Hor. Comp.								
Completed			Core Size		Corr. Dip		Vert. Comp.								
Co-ordinates			True Brg.		Logged by										
Objective			% Recov.		Date										
Footage	Description	Sample No.	Length	Analysis											
From	To			Mo%	Wppm										
	280 - 290	Coarse vuggy quartz veins with kspar, sericite and a dusting of MoS ₂ - probable loss due to washing.													
	285 - 394	Pale green granitic intrusion, very heterogeneous with abundant quartz veining, sericite	75220	10	.015	8									
	294 - 297	Quartzite													
	297 - 299	Granitic intrusion as above	75221	10	.019	12									
	299 - 302	Quartzite													
	302 - 305	Granitic intrusion, strongly kaolinized to a crumbly, chalky texture	75222	10	.031	12									
	305 - 335	Quartzite	75223	10	.042	12									
			24	10	.017	10									
335 - 558	GRANITIC INTRUSION		75225	10	.027	12									
	Heterogeneous unit varying from aplite to pegmatite, but typically medium-grained light greenish grey porphyry with uncommon kspar phenos and rounded quartz eyes in a matrix		26	10	.012	12									
	of altered feldspar with fresh secondary(?) black biotite flakes. Quartz-pyrite MoS ₂		27	10	.014	12									
	strongers are common throughout averaging about 40/10' section.		28	10	.017	7									
			29	10	.029	10									

Scale

Colour Plot
& Dips

Drill Hole Record



Property	BAKER CREEK	District		Hole No.	BC 80-4	Claim		T Brg.		Collar Dip		Elev.		Length		Hole No.	BC 80-4	Sheet	4
Commenced		Location		Tests at															
Completed		Core Size		Corr. Dip															
Co-ordinates				True Brg.															
Objective				% Recov.															
Footage	Description		Sample No.	Length	Analysis														
From	To				Mo%	Wppm													
		Alteration is quite variable, with short chalky kaolinized sections & brick red hematized patches. Quartz veins commonly show secondary kspars along margins and sericitic selvages are also common.	75230	10	.014	7													
			31	10	.020	4													
			32	10	.012	4													
			33	10	.020	6													
			34	10	.015	9													
			35	10	.073	6													
			36	10	.036	4													
			37	10	.018	5													
			38	10	.019	6													
			39	10	.030	12													
			40	10	.023	9													
			41	10	.123	20													
			42	10	.008	15													
			43	10	.107	10													
			44	10	.016	10													
			45	10	.009	10													
			46	10	.008	10													
			47	10	.017	10													
		459 - 471 Orange, aplitic section with finely disseminated MoS ₂ and fine sericite. Silicification along fractures containing pyrite produces a diffuse 1 cm wide grey quartz zone within the orange matrix.																	

Scale

Colour Plot
& Dips

Drill Hole Record



Property	BAKER CREEK	District		Hole No.	BC 80-4	Claim		T Brg.		Collar Dip		Elev.		Length		Hole No.	BC 80-4	Sheet	5
Commenced		Location		Tests at		Hor. Comp.		Vert. Comp.		Logged by		Date							
Completed		Core Size		Corr. Dip		% Recov.													
Co-ordinates		True Brg.		Objective															
Footage	Description	Sample No.	Length	Analysis															
From	To	Mo%	Wppm																
	535 - 539 Similar orange aplitic section																		
558 - 617	QUARTZITE	75248	10	.028	8														
	Typical medium to dark grey quartzite. Highly fractured and quartz veined, well mineralized with MoS ₂ . Numerous short granitic and aplitic sections.	49	10	.092	5														
		50	10	.042	5														
		51	10	.036	6														
		52	10	.021	6														
		53	10	.029	15														
	565 - 566 Granitic intrusion similar to other short intersections.																		
	590 - 591 Granitic intrusion similar to other short intersections.																		
	600 - 601 Granitic intrusion similar to other short intersections.																		
617 - 767	GRANITIC INTRUSION	75254	10	.011	12														
	Similar to previous major intersection of granitic intrusion, including well mineralized quartz veins, sericitic alteration, patchy kaolinization, and brick red hematized (?) sections. Lower 20 feet of core is dark grey green in colour and grades into a chloritic fault gouge in the last 5 feet of core.	55	10	.008	12														
		56	10	.051	15														
		57	10	.008	10														
		58	10	.005	9														
		59	10	.071	6														
		60	10	.023	15														
		61	10	.019	7														
		62	10	.049	10														
		63	10	.012	20														

Drill Hole Record



Property	BAKER CREEK	District	Fort Steele M.D.	Hole No.	BC 80-5
Commenced	Aug. 26, 1980	Location	Baker Creek, B.C.	Tests at	387
Completed	Aug. 28, 1980	Core Size	BQ	Corr. Dip	-90°
Co-ordinates	1 + 00S, 0 + 60W	True Brg.	-	Logged by	R.L. Wright
Objective	To test for down slope extension of mineralization below			% Recov.	
	Mo soil anomalies. To determine subsurface geometry of intrusion			Date	Aug. 28, 1980

Claim
BAKER 1

T Brg.

Collar Dip
-90°Elev.
6068 ft.Length
407 ft. (124.1 m)Hole No.
RC 80-5Sheet
1

Footage From	To	Description	Sample No.	Length	Analysis	
					Mo%	Wppm
0	9	OVERBURDEN no core recovery				
9	407	QUARTZITE	75269	10	012	3
		Unit similar to intersections in other holes. Varies from light grey relatively pure quartzite to a dark grey impure quartzite with phyllite layers. Strongly fractured and veined with quartz-pyrite-MoS ₂ throughout. Several short intrusive sections, as noted.	70	10	015	10
			71	10	016	4
			72	10	010	4
		Upper 250 feet of hole strongly rusted with manganese staining on fracture surfaces.	73	10	005	6
			74	10	014	6
			75	10	011	5
			76	10	010	10
		86 - 93 Granitic intrusion. Rusty yellow brown porphyritic quartz monzonite with pink kspar phenocrysts in a medium-grained biotite quartz-feldspar matrix. Numerous narrow quartz veins with sericitic selvages, rusty pyrite common.	75277	12	013	10
		93 - 171 Quartzite	75278	10	010	10
			79	10	011	5
			80	10	011	5
			81	10	012	10
			82	10	014	15
			83	10	031	10
			84	10	018	10

Scale

Colour Plot
& Dips

Drill Hole Record



Property	BAKER CREEK	District		Hole No.	BC 80-5	Claim		T Brg.		Collar Dip		Elev.		Length		Hole No.	BC 80-5	Sheet	2
Commenced		Location		Tests at		Hor. Comp.													
Completed		Core Size		Corr. Dip		Vert. Comp.													
Co-ordinates		True Brg.		Logged by															
Objective		% Recov.		Date															
Footage	Description		Sample No.	Length	Analysis														
From	To				Mo%	Wppm													
		171 - 174	Granitic Intrusion. Kaolinized equivalent of above with chalky appearance.	75286	10	021	15												
		352	Pegmatite - 15 cm. of coarse orange kspar and grey quartz. Fine dusting of MoS ₂ along fracture surfaces.	75287	10	010	8												
				88	10	028	5												
				89	10	015	7												
				90	10	018	5												
		396 - 399	Granitic Intrusion - porphyritic quartz monzonite kaolinized in patches to a white, chalky crumbly aggregate. Fresh rock is quartz-kspar porphyry	91	10	012	5												
				92	10	045	15												
				93	10	018	6												
				94	10	018	7												
407		END OF HOLE		95	10	035	15												
				96	10	014	3												
				97	10	017	6												
				98	10	031	15												
				99	10	175	20												
				75300	10	021	15												
				01	10	030	4												
				02	10	049	10												
				03	10	027	2												
				04	10	040	2												
				05	10	037	5												

Scale

Colour Plot
& Dipa

Drill Hole Record



Property **BAKER CREEK**

District

Hole No. **BC 80-5**

Commenced

Location

Tests at

Hor. Comp.

Completed

Core Size

Corr. Dip

Vert. Comp.

Co-ordinates

True Brg.

Logged by

Objective

% Recov.

Date

Claim

T Brg.

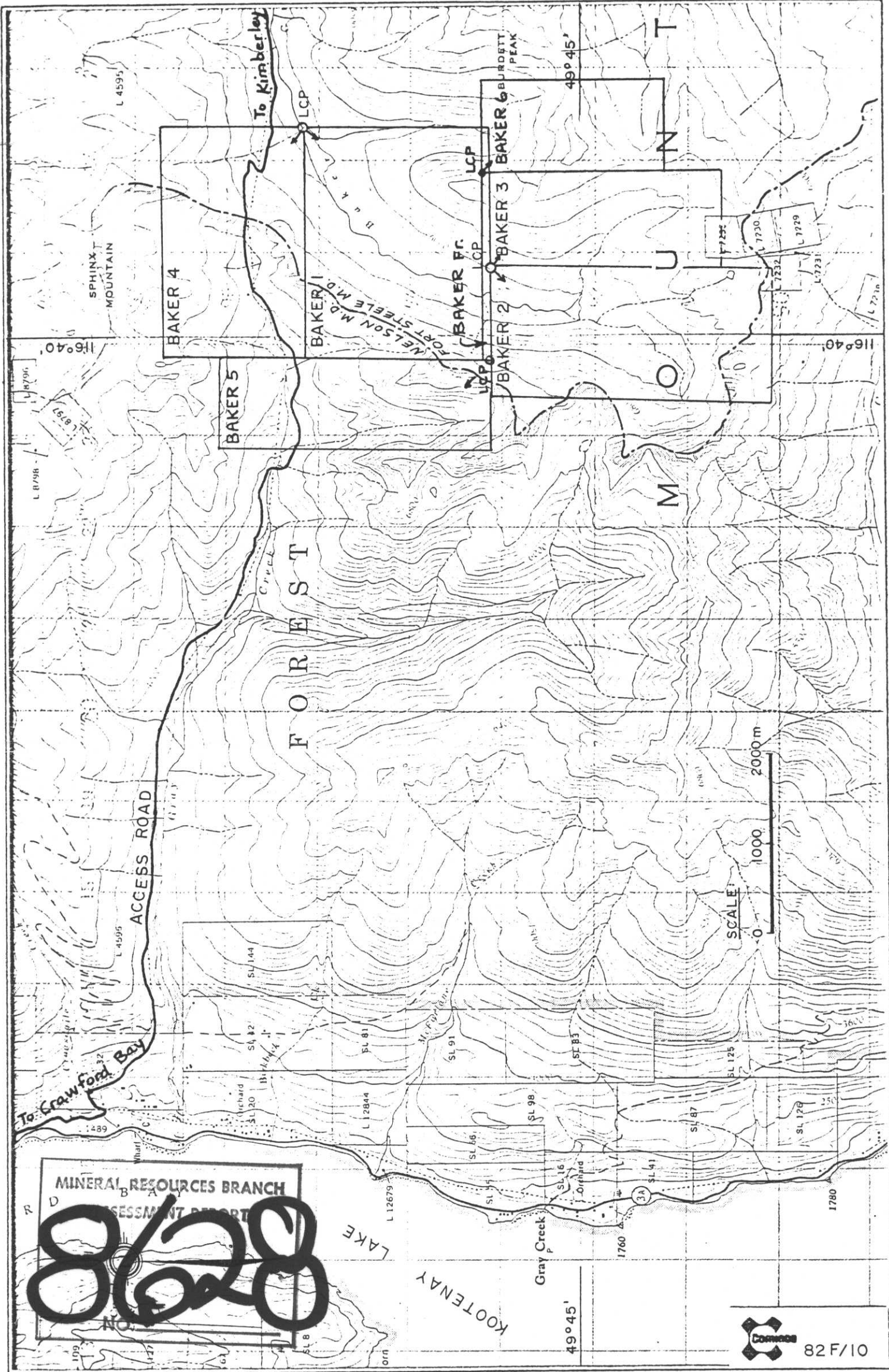
Collar Dip

Elev.

Length

Hole No. **BC 80-5** Sheet **3**

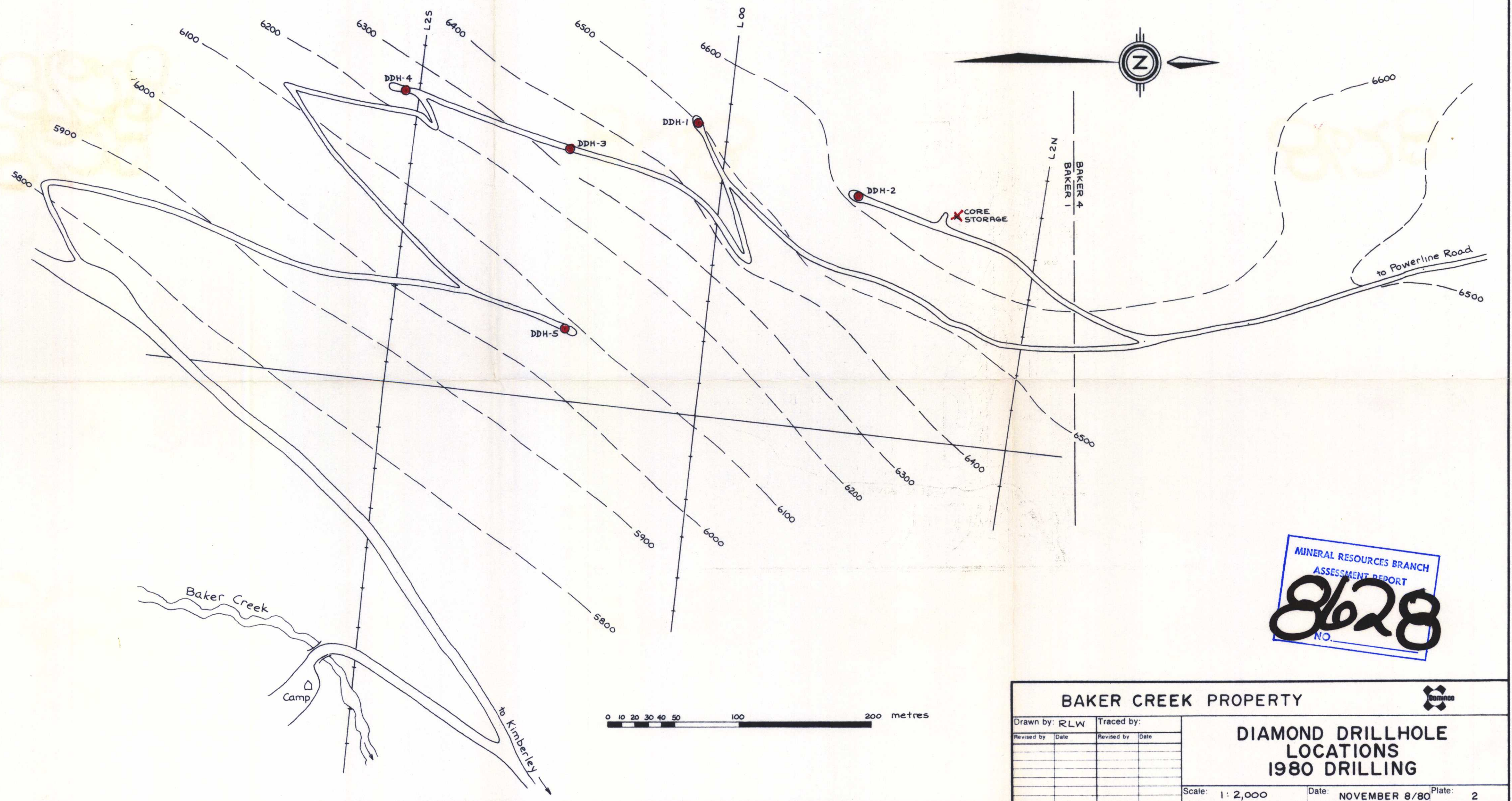
Footage From	To	Description	Sample No.	Length	Analysis		Claim	T Brg.	Collar Dip	Elev.	Length
					Mo%	Wppm					
			75306	10	.023	2					
			07	10	.050	3					
			08	10	.054	4					
			09	7	.057	4					



Drawn by:	<i>p.m.f.</i>	Traced by:	
Revised by:	Date	Revised by:	Date
RLW	oct/80		

LOCATION MAP - BAKER CLAIMS

Scale: 1:50,000 Date: AUGUST, 1979 Plate: 1



MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
8628
NO.

BAKER CREEK PROPERTY					
Drawn by: RLW		Traced by:		DIAMOND DRILLHOLE LOCATIONS 1980 DRILLING	
Revised by	Date	Revised by	Date		
Scale: 1 : 2,000				Date: NOVEMBER 8/80	Plate: 2