

6120

DIAMOND DRILLING
ASSESSMENT REPORT

RON 1 and RON 2 Mineral Claims

Vega Creek Property

9.5 km NNW Uslika Lake, B.C.
(125°20' Long. 56°08' Lat.)

Omineca Mining Division

NTS 94C3

Owned and Operated by

BP MINERALS LIMITED

MINERAL RESOURCES BRANCH ASSESSMENT REPORT NO. <u>6120</u>
--

December 8, 1976

C.D.S. Bates

C.D.S. Bates

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SUMMARY

Vega Creek Property - Drilling Report -
RON 1 and RON 2 Claims

Diamond Drill Hole VD #11 - 497' (150.6 m) BQ core

VD #11 - located 275 feet at 154° from Vega Creek
Adit Portal

- inclined hole at -75°
- collar elevation - 4070 feet (1233 m)
- azimuth 334°
- core stored near cabins on Vega Creek property

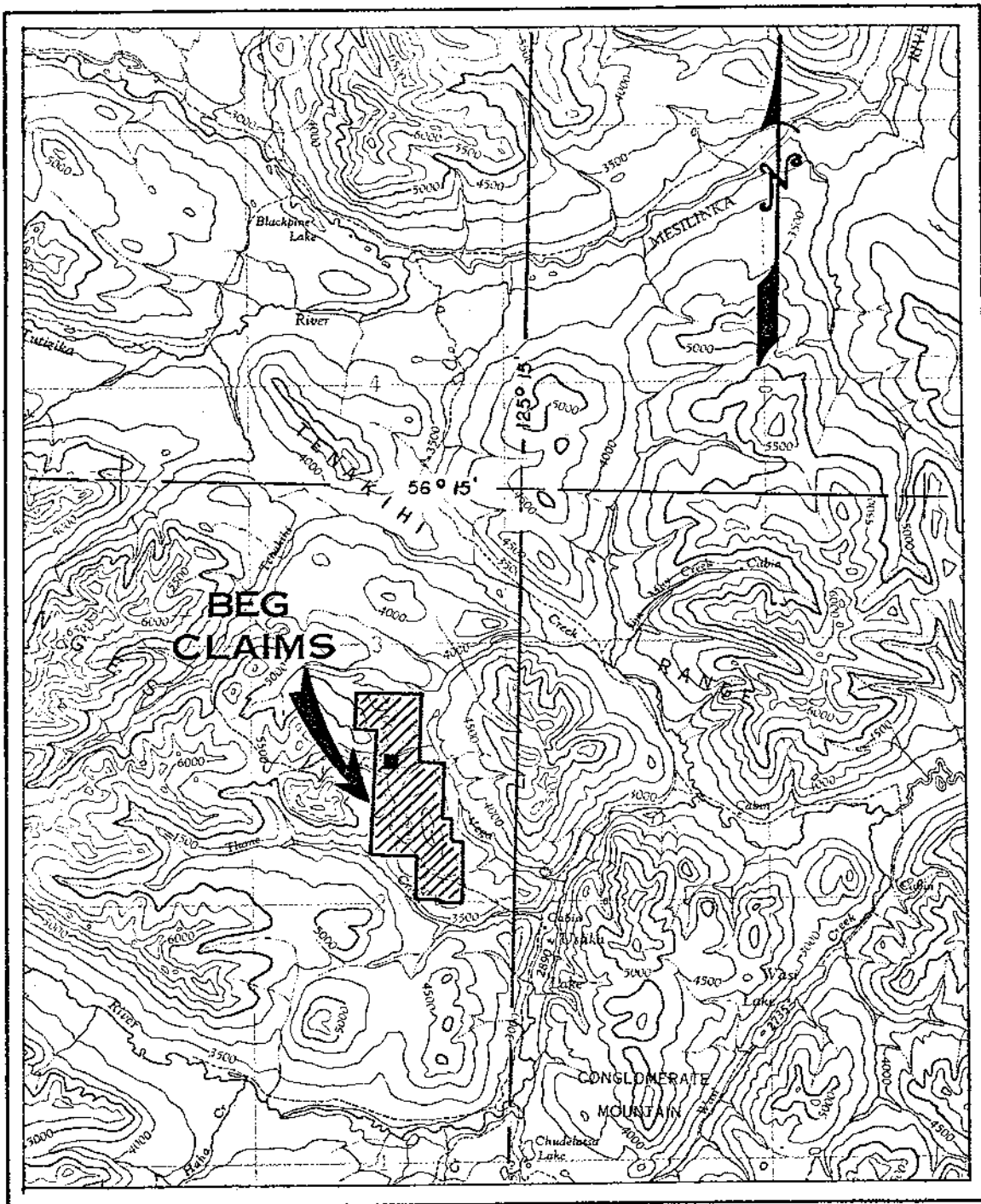
Total direct drilling costs of VD #11 = \$6127.38

Total applied costs: \$400.00 in order to bring
claim credits on RON 1 and RON 2 to full ten years
(Nov. 8, 1987)

Claim credit apportionment

1 year to RON 1	\$200.00
1 year to RON 2	<u>200.00</u>
	#400.00

(The RON 1 and RON 2 claims are part of BEG Group One)



■ RON Claims

PLATE 1

LOCATION MAP

BEG CLAIMS

VEGA CREEK; OMINECA MINING DIVISION, B.C.

N.T.S. 94C3

SCALE: 1 INCH = 4 MILES

BETWEEN:

BP MINERALS LIMITED

a body corporate duly incorporated under the laws of the Province of British Columbia, and having its head office at VANCOUVER

(hereinafter called the Company)

AND:

WRIGHT DRILLING LTD., a body corporate duly incorporated under the laws of the Province of British Columbia and having its Registered Office at Suite 305 - 186 Victoria Street, Kamloops, British Columbia

(hereinafter called the Contractor)

WHEREAS:

A. The Company has requested the Contractor to complete a minimum 4500 feet of drilling and related services as hereinafter set forth on the property of the Company in the Omineca Mining Division

B. The Contractor has agreed to do the said Diamond drilling and to perform the related services requested upon the terms, conditions and provisos hereinafter contained:

NOW THEREFORE THIS Agreement witnesseth that in consideration of the payment of the amounts stipulated herein and mutual promises and covenants herein contained, it is understood and agreed by and between the parties as follows:

1. SCHEDULE OF RATES - CORING

The Company hereby employs the Contractor to drill a series of bore holes on the said property using a BQ core barrel producing a core of approximately 1.432. The Company agrees to pay the Contractor on a footage basis for all drilling according to the following schedule of rates:

<u>Coring</u>	<u>From</u>	<u>To</u>	<u>Price/foot</u>
	0'	500'	\$11.34
	500'	1000'	\$12.09
<u>Overburden</u>			
	0'	25'	\$11.34
	25'	50'	\$12.09
	50 plus		Field Cost

2. TRANSPORTATION AND MOVES

A. It is agreed that the moving of drill and camp equipment, supplies and personnel to the transport discharge point and return from the transport loading point, shall be the Company's account at a lump sum of Twenty - four hundred dollars with seventy-five percent (75%) payable upon completion of the move in and the remaining twenty-five (25%) payable upon completion of the minimum footage.

B. In the event access to the drilling area cannot be realized with the Contractor's truck, moving from the truck discharge point to the drilling area will be for the Company's account at the specified labour rate.

438

15

C. The Contractor agrees to provide a mess hall, kitchen, and living quarters of proper room and board for personnel associated with the drilling operation. Erection and dismantling of the camp will be for the Company's account at the specified labour rate.

D. It is agreed that moves between drill sites shall be at the agreed labour rate. Moving time shall be from the time of completion of pulling to set-up time at the next drill site. No machine rental charge will be made unless the rig is used to move itself. Moving between properties will be carry out on a field cost basis.

3. WATER SUPPLY

If the source of water supply is at a greater distance than two thousand (2000) feet from the drilling site, or over three hundred (300) feet vertical lift, the Contractor will be paid the extra cost of supplying water to the drill site in addition to the other contract charges.

4. MUD AND ADDITIVES:

If ever required to help penetrate the overburden and or aid in core recovery, would be supplied at cost on the job site plus ten percent. Time spent mixing mud and stabilizing the hole would be charged on a field cost basis.

5. REAMING CASING AND CEMENTING:

If ever necessary to help prevent cave-ins, would be performed on a field cost basis.

6. DIRECTIONAL AND CONTROLLED DRILLING:

It is mutually agreed that directional drilling to change the direction of a bore hole and controlled drilling to maintain the angle of a bore hole shall not be part of this agreement.

7. SECURITY

The Contractor will not give out any information regarding drill results or access to any person other than to the Company's representative.

8. BOARD AND LODGING

The Contractor agrees to provide board and lodging for its own men at its own expense, and to provide meals to a limited number of the Company's representatives at the rate of N/A per meal.

The Company agrees on fly-in jobs that all transportation and expediting costs be charged to the Company's account.

9. CORE BOXES

It is mutually agreed, that if requested, core boxes would be supplied on the job site at cost, plus ten percent (10%).

10. STANDBY

It is agreed that standby, dip testing, delay time or other time which the Contractor's crews are performing services for the Company, not otherwise covered herein, shall be performed at a field cost basis.

11. HELICOPTER PROJECTS

The Company agrees that on helicopter jobs they will supply all fuels and transportation cost from truck discharge point to drill sites at no cost to the Contractor.

The Contractor agrees to case and drill on the sites and at angles and azimuths selected by the Company representative and to follow the instructions of the said representative relating to place and time of drilling.

13. CAVES

In the event that cavities or loose and caving materials are encountered of a nature as to prevent the successful completion of any hole, the Contractor does not, under such conditions, guarantee to drill to a predetermined depth and, in the event that it becomes necessary to abandon the hole, the Company agrees to pay for such uncompleted holes at the rate herein specified for all footage completed.

In the event it becomes necessary to resort to cementing, reaming of casing or mud circulation in bedrock, the Company agrees to reimburse the Contractor at field cost.

Wherever pipe or casing is lost or left in a hole on the instruction of the Company's engineer, the Company agrees to pay the Contractor for such pipe or casing at cost, f.o.b. drill site.

14. TRACTOR

If required, the Contractor will supply at the Company's cost a tractor for the construction and maintenance of access roads, drill site preparation and cleanup and the moving of the diamond drill.

15. FIELD COST

It is agreed that the hourly rate shall be interpreted here and hereinafter to be Thirty-five (35.00) per hour, per drill outfit. It is also agreed that the Contractor shall include in the hourly rate the cost of supplying a regular two man drill crew, supervision and maintenance as required, drilling machinery and associated equipment, fuels, and board and lodging for the drill crew.

In the event labour over and above the regular two man crew and supervision are required, the Contractor agrees to supply such additional labour at the rate of Fifteen (15.00) per man per hour.

It is further agreed and understood that when the Contractor is working at the field cost rate, the cost of pipe or casing lost or left in the hole, diamond articles and materials and supplies consumed in the work shall be for the Company's account at cost, plus 10%

16. PAYMENT

The Company agrees to pay the Contractor, in Canadian funds the above prices. Payment to be made within 15 days of the date of the account rendered. Invoices shall be submitted twice monthly.

17. COMPENSATION AND INSURANCE

The Contractor agrees that the men employed by him in the performance of this Contract shall be fully covered under Worker's Compensation laws according to the Province of British Columbia and will keep such men covered and will pay the assessment required and will protect the Company from any action arising therefrom, excluding however, claims arising out of any negligent act or omission of the Company, its servants or agents.

The Contractor shall, at his own cost, maintain Liability and Property damage insurance in the amount of five hundred thousand (500,000.00) dollars.

The Contractor carries an all perils insurance policy limited to \$20,000.00 per drilling outfit at his own cost. The Company agrees that additional insurance cost incurred for flying or barging of equipment will be to their account.

Company will provide at its own expense, all rights of way, both ingress and egress, and the peaceable possession of all real property that may be required in connection with said work including real property upon which all necessary temporary buildings and other facilities may be erected, or placed, and will save the Contractor harmless from any and all damages, claims, demands, costs or charges of whatsoever kind or character incident to the occupation and use of said real property.

Upon completion of such work by the Contractor, the Contractor shall have the right to remove, within a reasonable length of time, all temporary buildings and other fixtures, trade fixtures, machinery, equipment, appliances and facilities furnished by and placed upon such real property by Contractor.

19. LIENS

The Contractor shall be responsible for and will pay promptly all costs and charges, incurred by itself for labour, machinery, tools and supplies used in completing the work hereunder so that no lien or other such charge relative to the Contractor, may be registered against the Company or the property.

20. FORCE MAJEURE

Neither party to the agreement shall be liable for any loss or damage caused by reason of strikes, acts of God, action of the elements, or any other causes beyond its control.

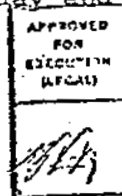
21. LAWS APPLICABLE

This agreement shall be interpreted and any dispute arising hereunder shall be determined in accordance with the laws of the Province of British Columbia.

22. ASSIGNMENTS

This agreement shall be binding upon and shall inure to the benefit of the parties hereto, their respective successors and assignees, provided, however, that the same shall not be assignable by either party until the consent in writing of the other shall have first been had and obtained thereto.

IN WITNESS THEREOF, this agreement has been executed by the parties hereto the day and the year first herein written.



By [Signature] PRESIDENT

By [Signature] DIRECTOR

BP MINERALS LIMITED

By [Signature]

WRIGHT DRILLING LTD.

BREAK DOWN

Inv # 6129 JULY 16-31

MOVING TO HOLE # VD II
144 MAN HRS @ \$15.00

\$660.00

DRILLING HOLE # VD II

- CASING 0-22'	22' @ \$11.34	\$249.48
CORING 62-497'	435' @ 11.34	4932.90
REAMING CASING 18 MAN. HRS	@ \$35.00	630.00
REAMING RODS 9 MAN. HRS	@ \$35.00	315.00

APPLICABLE

\$6127.38

MOVING TO HOLE # VD III & CUTTING TREES
58 MAN HRS @ \$15.00

\$870.00

DRILLING HOLE # VD III

CASING 0-15'	15' @ \$11.34	\$170.10
CORING 15'-503'-488'	@ 11.34	\$5,533.92
REAMING COST 6 MAN. HRS	@ 35.00	210.00

\$5914.02

MOVING FROM CAMP 1 TO CAMP 2
178 MAN HRS @ \$15.00

\$2,670.00

ROOMS & MEALS T. O'MEARA'S \$162.96

* COST T O'MEARA'S TRUCK 90.00

COST WELDING MAST 20.00

FRT. CORE BOXES 60.90

1 TON TRUCK & TRAILER 90mi @ \$1.45 \$130.50

464.36

PROFIT @ 10% 46.44

\$510.80

EXPIDITING & TRANSPORTATION COST

T O'MEARA \$35.00

FORT ST. JAMES STAGE 115.00

TOTAL

\$16,902.20

BP Minerals Limited
RECEIVED

AUG 10 1976

Vancouver, B.C.

STATEMENT OF COSTS

Direct diamond drilling costs - VD #11 = \$6127.38

Contractor: Wright Drilling Company Limited
Kamloops, B.C.

Equipment: Boyles BBS1 (wireline)
BW casing
BQ core

Breakdown: - casing 0-22'/22' @ \$11.24/ft	\$ 249.48
- coring 62'-497'/435' @ \$11.34/ft	4932.90
- reaming casing 18 machine hours @ \$35/hr	630.00
- reaming rods 9 " " " @ \$35/hr	<u>315.00</u>
	\$6127.38

Period: July 17 - July 23, 1976

(On the drilling invoice VD #11 is down as VD #II; during 1975 nine holes were drilled. In 1976 three holes were drilled so VD #II in 1976 is the eleventh hole completed to date).

STATEMENT OF QUALIFICATIONS

C.D.S. Bates, B.A.(Oxon), MSc., DIC.

- 1968 B.A. Oxford University,
(Honors Degree Geology)
- 1970 MSc. Royal School of Mines, Imperial College,
London University,
(Mineral Exploration)
- 1970 DIC. Royal School of Mines, Imperial College,
London University,
(Mineral Exploration)

BP

DRILL LOG

6120

SHEET NO.

LOCATION		CO-ORDINATES		NORTH		EAST		ELEVATION		HOLE NO.	
VEGA				275 feet at 154°		from Vega adit portal:		4070		1 5	
DATE STARTED		DATE COMPLETED		SURVEYS		HOLE SIZE		TOTAL DEPTH		D.D.H.	
July 17/76		July 23/76		0 -75		8 9/16"		499		US-411	
DEPTH		CORE		LITHOLOGY		ALTERATION		MINERALIZATION		STRUCTURE	
From	To	Length	% Rec							F	Graph Log
0	10										
10	20										
20	30										
30	40										
40	50										
50	60										
60	63'6"			Overburden 63'6" (including 113gpm boulders)							
63'6"	70	59'		63'6"-67' andesite breccia 67'-70' andesite - hornblende phenocrysts + augite 70'-72' badly broken ground - pebbles 72'-73'6" hornblende andesite 73'6"-75' badly broken ground 75'-90'8"		andesite and andesite breccia mostly chloritic alteration both pervasive and along fractures - hematite stains in matrix and along fractures/veins - minor epidote - minor secondary biotite		moderately massive minor chalcocite and pyrite fracture fillings and disseminations pyrite 5% chalcocite 0-1%		4	7
70	80	6'8"	67	hornblende andesite		LENS - mostly calcite - some silica				3	>10
80	90	87'	86							5	8
90	100	95'	97	90'8"-90'10" healed fault - calcite 90'10"-91'8" hematite stained andesite (Alphiteous) 91'8"-100' } andesite breccia - calcite veins etc				sulphides dry and with calcite veins (remobilized) veins usually post- date sulphides. <i>JSB</i>		5	5

LOCATION		CO-ORDINATES		NORTH		EAST		ELEVATION		HOLE NO.	
VEG H				275 8' 154°		act' pot' val		4070		2	5
DATE STARTED		DATE COMPLETED		SURVEYS		HOLE SIZE		TOTAL DEPTH		D.D.H.	
July 17/76		July 23/76		0		-75		30		499	
DEPTH		CORE		LITHOLOGY		ALTERATION		MINERALIZATION		STRUCTURE	
From	To	Length	% Rec							F	V/Ft
100	110	7'2"	71	100-108 } andesite breccia calcite veining/hem-staining F1117 108-112 } highly silicified/partially reduced to hematitic mud	chlorite (FF) and pervasive/epidote partly silicified.	coarse pyrite 75% fracture - sill/dissemin. minor ep 0-1%	>10	8			
110	120	9'3"	92	112-119'8" andesite breccia 119'8"-125'10" hornblende monzonite dyke/hbl. and dyke? [124-125 F1117]	chlorite - less epidote minor 2nd biotite silicified	ep/py fracture mineralization + calcite veining 1-2% ep 75% py.		8	7		
120	130	7'11"	79	125'10"-164'6"		fewer sulphides/dissemin.	>10	>10			
130	140	8'3"	82					6	8		
140	150	8'1"	80	pink clast andesite breccia intrusive clasts - eg to fg monzonite to syenites - some sections - fewer clasts - andesite matrix hbl. phenos	chl/biot - pervasive chl on fractures Some secondary biotite.	pyrite on fracture + veining dry cpy/py mineralization 75% py / 1-2% cpy minor dissemin.		5	9		
150	160	8'1"	90					5	5		
160	170	9'8"	97	164'6"-170'6" } felsic breccia - trachyte andesitic bx - feld. phenos - including pink clasts	clay minerals	fracture fill pyrite	7'10	4			
170	180	9'5"	94	170'6"-182" } syenite/monzonite dyke/trachytic flow?	hem. stained	disssem pyrite 181-181'6" cpy/py vein >1% Cu		3	5		
180	184	9'5"	94	182-184 andesitic breccia - calcite veining	POSTDATES sulphides	dry fracture py/ep 5% / 0-1%					
180	188	9'7"	96	184-188 felsic trachyte - andesitic breccia 188-189'10" pink clast and. breccia 189'10"-194" felsic trach. and. breccia	increasing ep/chl alteration clay -> felds.	minor ep in andesite bx less sulphide in felsic varieties.	4	8			
190	200	9'8"	97	194-198'3" } and. bx - silicified. 198'3"-200' } felsic trach. and. bx - pink clasts	epidote -> 200+ hem-stain.	less than 2% sulphides	4	6			

LOCATION		CO-ORDINATES		NORTH		EAST		ELEVATION		HOLE NO.	
VLE 77				275 ft / 154° ad' t point				1070		3	5
DATE STARTED		DATE COMPLETED		SURVEYS		HOLE SIZE		TOTAL DEPTH		D.D.H.	
July 17/76		July 23/76		C - 75		88		499		VLE 77	
DEPTH		CORE		LITHOLOGY	ALTERATION	MINERALIZATION	STRUCTURE				
From	To	Length	% Rec				F	V/Ft	F/Ft	Graph Log	
200	210	9'10"	99	200'-219'10" felsic trachyte - andesitic breccia - pink clasts - some intrusive gradational change 204 - 206 to hematite stained section.	epidote to 202 chlorite hematite staining	low to sulphide content ~ 2% - minor op weakly magnetic.					
210	220	9'2"	91				219'10" - 231'6"	gouge breccia	ep/py/horn gouge fracture films.	3	9
220	230	8'8"	87	231'6" - 250'6" Fault - healed with calcite / opaline silica felsic trachyte - andesite breccia - biotite syenite / monzonite clasts	veining - multidirectional - predominant about 45° com angle	weakly magnetic minor pyrite ± veining					
230	240	9'2"	91				249'9" - 252'	calcite veining		3	10
240	250	9'6"	93	250'6" - 265'6" andesite breccia / pink clasts - moderately to strongly magnetic	chlorite / biotite - increase in Cu with more mag host	py/op fractures ± calcite - mineralization with calcite veining probably amalgamated. 260 - 273 1-2% op - dry fractures					
250	260	9'2"	91				265'6" - 278'3"			3	6
260	270	9'6"	93	278'3" - 297'7" hornblende andesite - v. few clasts andesite breccia - pink clasts	chl. / pervasively calcite fractures veining minor epidote	fracture fill sulphides. 295 - 297 > 10% py on fractures					
270	280	8'7"	81				297'7" - 300'			4	6
280	290	9'5"	94	pink hornblende monzonite / and. dyke? massive but sharp contact N45°/ca							
290	300	9'3"	97					3	9		
						dissiminations					

BP

DRILL LOG

SHEET NO.

LOCATION		CO-ORDINATES		NORTH		EAST		ELEVATION		SHEET NO.	
1 E 9 H				275 14 115 40 from adit portal				4070		11	5
DATE STARTED		DATE COMPLETED		SURVEYS		HOLE SIZE		TOTAL DEPTH		HOLE NO.	
July 17/76		July 23/76		0 - 75		RQ		499		D.D.H. V1 #11	
DEPTH		CORE		LITHOLOGY	ALTERATION	MINERALIZATION	STRUCTURE				
From	To	Length	%Rec				F	V/F	F/F	Graph Log	
300	310	9'3"	87	300-309'6" hornblende monzonite sand-dike 45°/ca sharp/assid. - moderately magnetic - gradational lower boundary contact	chl/ep (minor) low calcite staining	py - dry fractures and minor dissem.			1	9	
310	320	9'10"	99	309'6"-320'4" felsic trachyte - andesite breccia - intrusive clasts	feld-clays.	- > 5% pyrite / dry wet calcite			3	3	
320	330	9'8"	97	320'4"-321'6" pink hbl. monzonite - sharp 45° contact 321'6"-322'6" felsic trachyte - andesite breccia 322'6" - 400	- mafics - fresh	-> dissem py.			4	4	
330	340	9'11"	99						2	3	
340	350	9'10"	99						3	3	
350	360	8'3"	82	andesite breccia - lapilli to block clasts - intrusive types eg to fg. - most common clast type - autoclastic hornblende andesite.	chl. halo fractures chl / minor epidote in matrix hem/K feld? clasts minor secondary biotite.	minor ep as blebby disseminations (0-10%) py up to 5% - on fractures - wet (calcite) - dry.			5	4	
360	370	9'7"	96						4	3	
370	380	9'9"	98						5	4	
380	390	9'6"	96						5	4	
390	400	9'4"	93			392' - increase in dry contact 1-2% ep. dry fractures			7	9	

088

BP

DRILL LOG

SHEET NO.

LOCATION		CO-ORDINATES		NORTH		EAST		ELEVATION		HOLE NO.	
V 59A				275 1/4 / 154° from adit portal.				4070		5	5
DATE STARTED		DATE COMPLETED		SURVEYS		HOLE SIZE		TOTAL DEPTH		D.D.H. #11	
July 17/76		July 23/76		0		-75		150		499	
DEPTH		CORE		LITHOLOGY		ALTERATION		MINERALIZATION		STRUCTURE	
From	To	Length	% Rec							F	V/Ft
400	410	97"	36	400-402'9" felsic trach/and. bx 402'9"-411' } andesite breccia		biotite chlorite - pervasive		392-440 enhanced Cu levels cp 1-2% - predominantly as dry microfracture fillings - sometimes with hairline is field stringers - also blebb and mafic replacement		70	6
410	420	93"	92	411-414'6" felsic trach/and. bx. including 3" syenite/monz dykes } 414'6"-416'3" monzonite dyke 45/CA (volcanic xenolith) 416'3"-435'9" } andesite breccia		- sharp 45/CA top - faulted - bottom				5	20
420	430	92"	91			minor epidote out. / secondary biotite				4	7
430	440	98"	37	435'9"-436'6" syenite dyke 45/CA. 436'6"-439' } felsic trach/and. bx. 439'-449' }				- py - to 5% but enhanced cp: py ratio		6	5
440	450	81"	89	449-458 } syenite dyke / ragged intrusive contacts - alignment of needle hornblende crystals		440-448 fault/clays. - broken ground. - clay/pebbles.		440-470 - decreasing amounts.		5	5
450	460	73"	72	458-459 } felsic trach/and. bx / monzonite clasts 459-470 } andesite breccia		451-458 fault/gouge.				5	5
460	470	89"	88	470-474 } hornblende monzonite - sharp 80°/CA - slightly magnetic		- thick fill matrix. - mafic - - - - - out.		- dissem/ven py minor cp cp/py on fractures.		10	8
470	480	92"	91	474-498 } felsic trach/and. bx andesite breccia						10	5
480	490	90"	89			- moderately - - chlorite fracture - py 3 inch + in size - minor epidote - pervasive out.		- magnetic - minor py - py / chlorite + calcite - py dissem.		10	7
490	499	60"		498-499 } syenite dyke - END - VD #11 - 499 FEET.		massive black contact - brown color		dissem py.		6	10

B. P. MINERALS LTD.

VEGA CREEK

ORTHOPHOTO MAP

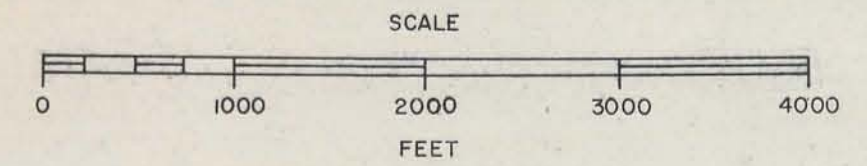
FIG. 1



McElhanney
Surveying &
Engineering Ltd.

1200 West Pender Street, Vancouver B.C. Canada

Scale	1" = 1000'
Contour Interval	50 feet
Date	1973
Job No.	06041-0
Sheet No.	1 of 1



160,000 N

155,000 N

150,000 N

145,000 N

150,000 E

GROUP 1

BEG CLAIMS

GROUP 2

6120

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
NO. 6120
MAP NO. 1

