

5709

GREAT PLAINS DEVELOPMENT
COMPANY OF CANADA, LTD.,

DIAMOND DRILLING REPORT ON THE
BALL GROUP 2 MINERAL CLAIMS

BALL CREEK AREA, BRITISH COLUMBIA
N.T.S. 104-G-8, SEPTEMBER 1975.

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT

NO. 5709 MAP.....

LIARD MINING DIVISION
57 degrees 16 minutes North,
130 degrees 22 minutes West.

R.M. DURFELD
M.D. McINNIS

M.D. McInnis
R.M. Durfeld

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#1 LOCATION MAP

#2 Attachment: 1"=1,000' Drill Hole Location Map.

A. PREFACE

Work for which assessment credit is requested was conducted on the Ball Creek Property during the period July 6th, 1975 to August 19th, 1975.

This report details diamond drilling that was carried out on the Ball Group 2 Mineral Claims during the period July 6th, 1975 to August 19th, 1975.

As a result of the work performed, assessment credit is requested on the claims as follows:

<u>Claim</u>	<u>Record Nos</u>	<u>Assessment Credit Requested</u>	<u>Total</u>
ROG 1-4	48091-94	5 years each claim	20 years
ROG 6, 8	48096-98	5 years each claim	10 years
ROG 13-20	48103-10	6 years each claim	48 years
MENT 7 Fr	55085	6 years each claim	6 years
ME 1-5,7	46259-63,65	5 years each claim	30 years
ME 6,8	46264,66	6 years each claim	12 years
ME 10,12	46268,70	6 years each claim	12 years
ME 9,11	46267,69	11 years each claim	22 years
ME 13-18	46271-76	11 years each claim	66 years
			<u>226 years</u>

The total value of the requested assessment credit and the total cost of the performed work is as follows:

<u>Claim Group</u>	<u>Requested Assessment Credit</u>	<u>Required Expenditures</u>	<u>Cost of Performed Work</u>
Ball Group 2	226 years	\$45,200.00	\$54,225.00

This report with the accompanying diamond drill logs, statement of expenditures, diamond drill contract and location plan are hereby submitted to record the above assessment credit.

B. INTRODUCTION

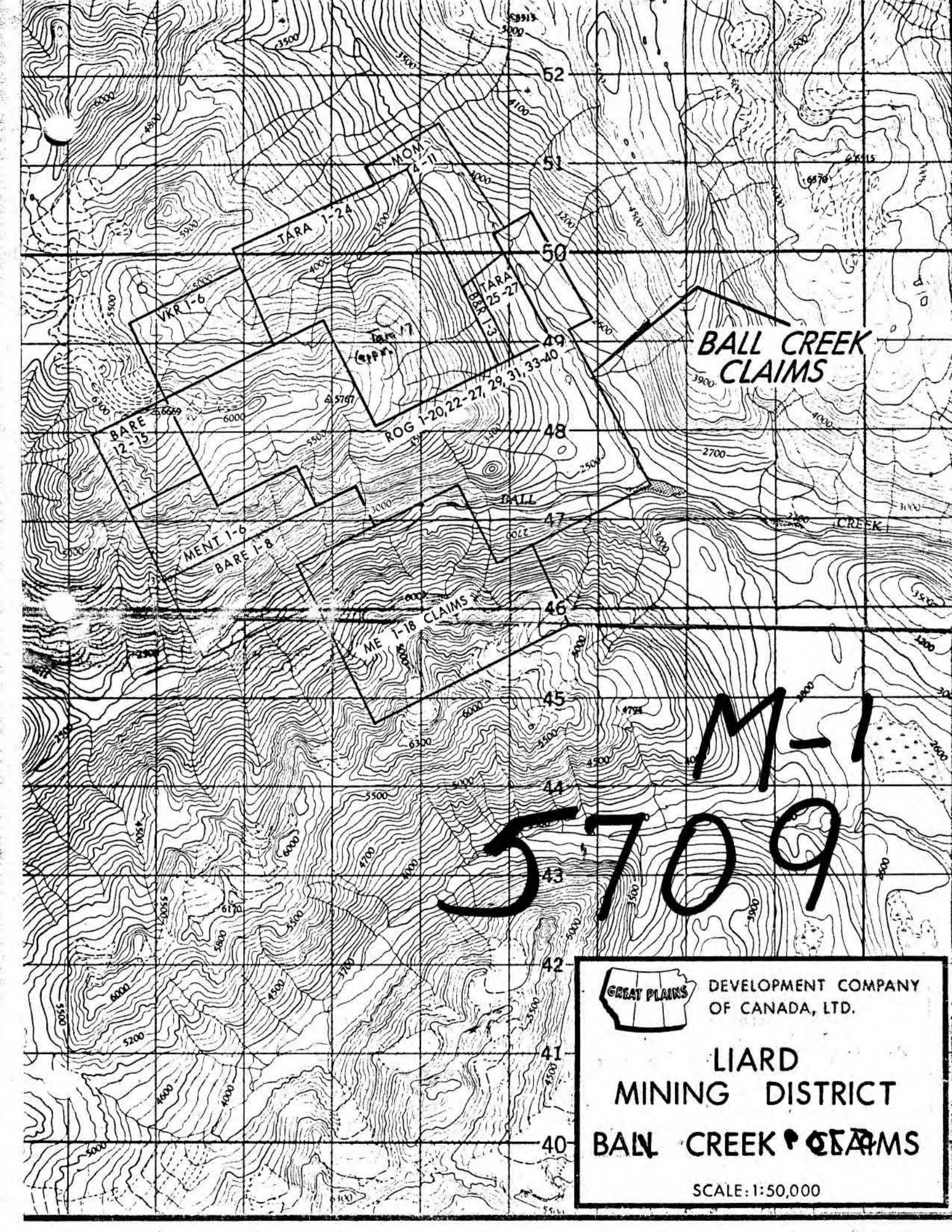
The Ball Claim Groups are located on the eastern flank of the Coast Range Mountains approximately 40 miles southwest of Eddontenajon, B.C. The claims lie six miles west of the junction of Ball Creek and the Iskut River at 130 degrees, 22 minutes west longitude and 57 degrees, 16 minutes, north latitude.

During the period July 6th, 1975 to August 19th, 1975 a total of 1205 feet of NQ and BQ rods were drilled in holes 75-1 and 75-2 using a Longyear 38 diamond drill, operated by Arctic Diamond Drilling Ltd., of Whitehorse, Yukon Territory. The drilling was conducted on a basis of two twelve hour shifts which produced an average of 20 feet per shift drilled. Extremely fractured, sandy and blocky ground were largely responsible for this low footage per shift drilled.

All drill mobilization and moves were conducted using an Okanagan Bell 206-B helicopter that was stationed at Eddontenajon, B.C.

At the completion of each hole the core was flown into camp where it was logged and hence stored in core racks.

LOCATION MAP 1: 50,000



BALL CREEK CLAIMS

M-1
5709

 **GREAT PLAINS** DEVELOPMENT COMPANY OF CANADA, LTD.

LIARD MINING DISTRICT

BALL CREEK CLAIMS

SCALE: 1:50,000

C. DRILL LOGS

GREAT PLAINS DEVELOPMENT COMPANY OF CANADA, LTD.
DIAMOND DRILL RECORD

PROPERTY BALL CREEK HOLE NO. 75-1

SHEET NUMBER 1 SECTION FROM _____ STARTED July 14, 1975

LATITUDE 70+68N DATUM _____ COMPLETED July 22, 1975

DEPARTURE 42+JOW BEARING 200° ULTIMATE DEPTH 565

ELEVATION _____ DIP -45°S PROPOSED DEPTH _____

Depth (in')	Lithology	Structure	Alteration	Mineral-ization	Core Recov.	Assay #	Assay			
0-21'	OVERBURDEN									
			MODERATE							
21'-254'	LATITE TO QUARTZ LATITE		CHLORITE:	PYRITE:						
	COLOUR:	FRACTURES:	- Minor remnant	- 1% pyrite						
	- Light greenish grey to grey with oxidized pyrite in leached sections	- oxidized and at 60° to 90° to core axis.	hornblende to chlorite though-	disseminated throughout						
	TEXTURE:	FAULT BRECCIA:	out.	with more						
	- 1mm to 4 mm (becoming larger with depth) euhedral to sub-	124'-132', 181'-188'	SERICITE:	intense						
	rounded feldspar crystals set in on aphanitic matrix	214'-224', 248'-254'	87'-132', 248-254	sections						
	47'-124' Latite Breccia	- generally felsic	strong sericite	CHALCOPYRITE:						
	- 1 cm to 2 cm sub-rounded to rounded silicious inclusions within latite.	angular breccia fragments set in a limonite matrix.	alteration	- only trace amounts of						
	MAFICS:		TENORITE	chalcopyrite						
	- generally erased with minor remnant hornblende crystals.		short sections of	were noted.						
			fine grained blue							
			gray mineral salt							
			and pepper							
			texture in a							
			felsic matrix.							

LOGGED BY

R. Durfeld

DRILLED BY

Arctic Diamond Drilling

CORE STORED

Camp

GREAT PLAINS DEVELOPMENT COMPANY - CANADA, LTD.
DIAMOND DRILL RECORD

PROPERTY BALL CREEK HOLE NO. 75-1
 SHEET NUMBER 2 SECTION FROM _____ STARTED _____
 LATITUDE _____ DATUM _____ COMPLETED _____
 DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____
 ELEVATION _____ DIP _____ PROPOSED DEPTH _____

Depth (in ')	Lithology	Structure	Alteration	Mineral- ization	Core Recov.	Assay #	Assay			
	COMPOSITION:									
	- unit becomes more silicious with depth									
254'-	SILICIOUS ALTERED		MODERATE TO STRONG							
353'	LATITE (FELSITE?)	FRACTURES	SERICITE:	PYRITE:						
	COLOUR:	- 70° to 90° to core	- strong sericite	- 1% pyrite						
	- Light gray to beige	axis	alteration	developed						
	TEXTURE:		throughout	throughout						
	- Aphanitic with short sections of ghost granitic texture of above latite.	321' - 330' Small silicious veinlets parallelling fractures	TENORITE	developed						
	- Recognizable feldspar grains have gone milky		- minor tenorite is developed close to and on fractures.	pyrite crystals in blotchly sections.						
	MAFICS:									
	- Erased									
				CHALCOPYRITE:						
				- trace amounts						

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GREAT PLAINS DEVELOPMENT COMPANY OF CANADA, LTD.
DIAMOND DRILL RECORD

PROPERTY BALL CREEK HOLE NO. 75-1
 SHEET NUMBER 3 SECTION FROM _____ STARTED _____
 LATITUDE _____ DATUM _____ COMPLETED _____
 DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____
 ELEVATION _____ DIP _____ PROPOSED DEPTH _____

Depth (in')	Lithology	Structure	Alteration	Mineral- ization	Core Recov.	Assay #	Assay			
				of chalcopyrite						
				was noted						
				in close						
				association						
				with pyrite						
				CHALCOCITE						
				306'-307' Sooty chalcocite was noted well						
			developed	on pyrite crystals with covellite and						
				bornite						
353'-	LATITE WITH MINOR LATITE BRECCIA:		WEAK:							
389'	COLOUR:	FRACTURE:	EPIDOTE:	PYRITE:						
	-medium green grey	- weakly fractured at	-epidote alteration decreases							
	TEXTURE:	70° to core axis.	well developed	from 1%						
	- 1mm to 2 mm euhedral		throughout.	with depth.						
	feldspar and hornblende crystals		CHLORITE:							
	in an aphanitic felsic matrix.		- weak hornblende	MAGNETITE						
	-Also short sections of rounded		to chlorite alter-	358' to 386'						
	inclusions of coarser feldspar		ation developed							

throughout

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GREAT PLAINS DEVELOPMENT COMPANY OF CANADA, LTD.
DIAMOND DRILL RECORD

PROPERTY BALL CREEK HOLE NO. 75-1
 SHEET NUMBER 4 SECTION FROM _____ STARTED _____
 LATITUDE _____ DATUM _____ COMPLETED _____
 DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____
 ELEVATION _____ DIP _____ PROPOSED DEPTH _____

Depth (in')	Lithology	Structure	Alteration	Mineral- ization	Core Recov.	Assay #	Assay			
	MAFICS:									
	- 1 mm to 3 mm euhedral horn- blende laths									
389' -	BRECCIA:									
392'	COLOUR:									
	- Dull grey clasts with rusty matrix.									
	TEXTURE:									
	- 1/2mm to 2 cm angular silicious felsic fragments set in a fine grained limonitic matrix.									
392' -	SILICIOUS ALTERED LATITE	FRACTURE								
414'	(FELSITE)	- minor quartz and								
	(same as 254'353')	pyrite fractures at 60° to core axis.								

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GREAT PLAINS DEVELOPMENT COMPANY F CANADA, LTD.
DIAMOND DRILL RECC

PROPERTY BALL CREEK HOLE NO. 75-1
SHEET NUMBER 5 SECTION FROM _____ STARTED _____
LATITUDE _____ DATUM _____ COMPLETED _____
DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____
ELEVATION _____ DIP _____ PROPOSED DEPTH _____

Depth (in')	Lithology	Structure	Alteration	Mineral- ization	Core Recov.	Assay #	Assay			
414	DACITE		WEAK	PYRITE						
-553	COLOUR:		CHLORITE:	- trace to						
	- light greyish purple with		- weak hornblende	1%						
	beige alteration halos around		to chlorite alter-	throughout						
	pyrite fractures.		ation.	MAGNETITE						
	TEXTURE:			414-475						
	- generally fine grained									
	with short sections									
	of mafic euhedral to sub-rounded									
	fragments (1/2cm - 2 cm in									
	diameter)									
	453-458 DYKE									
	COLOUR - light grey									
	TEXTURE: medium grey irregular									
	blotches set in an aphanitic									
	matrix									
	553-565 - BAD FAULT									

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GREAT PLAINS DEVELOPMENT COMPANY CANADA, LTD.
DIAMOND DRILL RECO

PROPERTY BALL CREEK HOLE NO. 75-2
 SHEET NUMBER 1 SECTION FROM _____ STARTED July 25, 1975
 LATITUDE 72+00 N DATUM _____ COMPLETED August 20th, 1975
 DEPARTURE 45+50 W BEARING _____ ULTIMATE DEPTH _____
 ELEVATION _____ DIP Vertical PROPOSED DEPTH _____

Depth (in')	Lithology	Structure	Alteration	Mineralization	Core Recov.	Assay #	Assay			
0'-22'	Overburden									
22'-121	Rhyolite to Rhyolite Breccia Colour: - Beige to mauve Texture: - Generally fine grained with short sections of milky crowded porphyritic feldspar grains Mafics: - No Mafics were noted	Fractures-iron oxide stained fractures from 90° to parallel core axis - Short sections of local breccia	Moderate to strong Sericite: - good sericite alteration throughout	Pyrite -2 to 3% pyrite was disseminated throughout						
121'-123'	Minor Fault - No core									

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Arctic Diamond Drilling

CORE STORED

Camp

GREAT PLAINS DEVELOPMENT COMPANY OF CANADA, LTD.
DIAMOND DRILL RECORD

PROPERTY BALL CREEK HOLE NO. 75-2
 SHEET NUMBER 2 SECTION FROM _____ STARTED _____
 LATITUDE _____ DATUM _____ COMPLETED _____
 DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____
 ELEVATION _____ DIP _____ PROPOSED DEPTH _____

Depth (in')	Lithology	Structure	Alteration	Mineral- ization	Core Recov.	Assay #	Assay			
123'-	Granodiorite Feldspar									
243	Porphyry	Fractures	Weak	Pyrite:						
	Colour:	-60° to 90° to core	Chlorite:	-2-3% pyrite						
	- mottled milky and grey	axis	-minor horn-	disseminated						
			blende to chl-	throughout						
	Texture:		orite altera-							
	- milky (2 mm to 1 cm)		tion throughout							
	mainly euhedral feldspar									
	phenocrysts in a fine									
	grained grey felsic matrix									
	- generally becoming finer									
	grained toward upper and									
	lower contacts.									
	Mafics:									
	- mainly 1 mm to 2 mm laths									
	of hornblende with minor									
	pyrite throughout.									
	238'-250' Fault - shattered and poor core recovery.									

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GREAT PLAINS DEVELOPMENT COMPANY OF CANADA, LTD.
DIAMOND DRILL RECORD

PROPERTY BALL CREEK HOLE NO. 75-2
 SHEET NUMBER 3 SECTION FROM _____ STARTED _____
 LATITUDE _____ DATUM _____ COMPLETED _____
 DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____
 ELEVATION _____ DIP _____ PROPOSED DEPTH _____

Depth (in')	Lithology	Structure	Alteration	Mineral- ization	Core Recov.	Assay #	Assay			
243'-	Rhyolite to Rhyolite breccia									
311	Colour:	Fractures:	Moderate:	Pyrite:						
	- beige to pink beige	- fine iron oxide	Sericite:	-2% py						
	Texture:	stained fractures	- good sericite	throughout						
	- generally fine grained felsic.	at 60° to 90° to	alteration							
	- short sections of mono lithic breccia.	core axis	throughout							
	256-258 Andesite Dyke									
	299-311 Altered mafic clots were noted in the rhyolite and their coarseness and intensity increased with depth.									
	309-312 Fault									
	- shattered and poor core recovery.									

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GREAT PLAINS DEVELOPMENT COMPANY OF CANADA, LTD.
DIAMOND DRILL RECORD

PROPERTY BALL CREEK HOLE NO. 75-2
 SHEET NUMBER 4 SECTION FROM _____ STARTED _____
 LATITUDE _____ DATUM _____ COMPLETED _____
 DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____
 ELEVATION _____ DIP _____ PROPOSED DEPTH _____

Depth (in')	Lithology	Structure	Alteration	Mineralization	Core Recov.	Assay #	Assay			
311'-	Dacite and Dacite									
590	Breccia	Fractures:	Weak	Pyrite:						
	Colour:	- fine pyrite	Chlorite:	- generally						
	- beige to green grey.	fractures at 45°-	- minor horn-	2% py						
	Texture:	60° to core axis	blende to chlo-	throughout						
	- generally hornblende,		rite throughout							
	magnetite and pyrite									
	clots surrounded by a									
	fine grained felsic ground									
	mass.									
	Mafics:									
	- hornblende and magnetite									
	in clots.									
	- pyrite developed with and									
	replacing hornblende.									
	Minor qtz and calcite veining									
	throughout.									
	378-380,433-446 - Polyolithic breccia									

560-590 - Monolithic breccia.

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GREAT PLAINS DEVELOPMENT COMPANY OF CANADA, LTD.
DIAMOND DRILL RECORD

PROPERTY BALL CREEK HOLE NO. 75-2
 SHEET NUMBER 5 SECTION FROM _____ STARTED _____
 LATITUDE _____ DATUM _____ COMPLETED _____
 DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____
 ELEVATION _____ DIP _____ PROPOSED DEPTH _____

Depth (in')	Lithology	Structure	Alteration	Mineral- ization	Core Recov.	Assay #	Assay			
590'-	Fine grained Diorite									
640'	Colour:		Weak	Pyrite:						
	- dark green grey.		Chlorite:	- 2% py						
	Texture:		- weak horn-	disseminated						
	- fine up to 2 mm hornblende		blende to chlo-	and on fractures						
	laths in a fine grained,		rite alteration	throughout						
	green, felsic matrix.		throughout.	Magnetite:						
	Mafics:		Epidote:	- magnetite						
	- mainly hornblende and		- strong epi-	was noted						
	minor magnetite throughout		dote alteration	throughout.						
	630'-634' - Strongly pyritic		630'-634'.							
	polylitic breccia with									
	up to 2 cm fragments.									

LOGGED BY R. Durfeld DRILLED BY Arctic Diamond Drilling CORE STORED Camp

APPENDIX I

ARCTIC DIAMOND DRILLING INVOICES AND CONTRACT

ARCTIC DIAMOND DRILLING LTD.

~~707-603-104~~ 184 Industrial Road
Whitehorse, Yukon Territory Y1A 2V1

730 - 510 W. Hastings Street,
Vancouver, B.C.

Marwell Area - Phone ~~668-2448~~ 667-6434

Phone 688-3728

INVOICE #1795

August 15, 1975

IN ACCOUNT WITH:

Great Plains Development Co. of Canada Ltd.,
736 - 8th Avenue S.W.,
Calgary, Alberta.
T2P 1H4

Drilling charges July 8 - August 15, 1975

Mobilization

Re: clause 13 of contract 1/2 x 3500.00 = \$1,750.00

Moving

Moving from mobilization point to setup #1

99 man hours @ \$10.60 per hour = 1,049.40 \$2,799.40

Hole: #1 - 45° x BQ

Overburden

0 - 18 = 18 feet @ \$11.65 per foot = \$ 209.70

Reaming Casing

18 - 20 = 2 feet @ \$9.00 per foot = 18.00

Reaming Through Cave

78 man hours - 4 allowance = 74 hrs. @ \$10.60 = 784.40

39 machine hrs. - 2 allowance = 37 hrs. @ \$7.00 = 259.00

Core Drilling

18 - 500 = 482 ft. @ \$11.65 per ft. = \$5,615.30

500 - 565 = 65 ft. @ \$12.15 per ft. = 789.75 6,405.05

Travelling

34 man hours - 17 allowance = 17 hrs. @ \$10.60 = 180.20 \$7,856.35

Hole: #2 - 90° x NQ x BQ

(Moving)

134 man hours @ \$10.60 per hour = \$1,420.40

Standby (waiting for helicopter)

16 man hours @ \$10.60 per hour = 169.60

Overburden

0 - 20 = 20 feet @ \$11.65 per foot = 233.00

Reaming Casing

20 - 22 (NW) = 2 feet @ \$9.00 per foot = \$ 18.00

22 - 470 = 448 ft. @ \$9.00 per foot = 4,032.00 4,050.00

Covered by Contract?

Page 2

Invoice #1795 - Great Plains Development - Cont'd

Core Drilling

20 - 164 x NQ = 144 ft. @ \$12.30 per foot = \$1,771.20
 164 - 500 x BQ = 336 ft. @ \$11.65 per foot = 3,914.40
 500 - 581 x BQ = 81 feet @ \$12.15 per foot = 984.15

Reaming Through Cave

96 man hours = 4 allowance = 92 hrs. @ \$10.60 = 975.20
 48 machine hours - 2 allowance = 46 hrs. @ \$7.00 = 322.00

Using Mud

36 man hours @ \$10.60 per hour = \$381.60
 18 machine hours @ \$7.00 per hour = 126.00
 (charges for mud used to follow) 507.60

Travelling

82 man hours - 41 allowance = 41 hours @ \$10.60 = 434.60

Water Supply

Delays caused by freezing and water line
 laying - 78 man hours @ \$10.60 per hour = 826.80 \$15,608.95

TOTAL INVOICE

\$26,264.70

Ext. & Adds. Ckd.	<i>Rhr</i>
Quant. & Price Ckd.	-
Received	OCT 1 1975
Approved	<i>J.D. Madie</i>
	<i>N.W. Reynolds</i>

THIS AGREEMENT DATED THIS 26th DAY OF May 1975.

BETWEEN: GREAT PLAINS DEVELOPMENT
COMPANY OF CANADA, LTD.,
736 - 8th Avenue S.W.
Calgary, Alberta.
T2P 1H4
(herein called "the Company")

OF THE FIRST PART

AND: ARCTIC DIAMOND DRILLING LTD.,
184 Industrial Road,
Whitehorse, Yukon Territory.
Y1A 2V1
(herein called "the Contractor")

OF THE SECOND PART

WHEREAS the Company is the owner of or is otherwise well entitled to enter upon and explore groups of mining claims in the Iskut River/Ball Creek area of British Columbia, and herein called the Claims.

NOW THEREFORE IT IS WITNESSED:

1. The Contractor will diamond drill or cause to be diamond drilled a minimum of two thousand (2,000) feet upon the claims at drill sites to be selected by the Company.
2. The commencement date of drilling shall be approximately July 1, 1975, or as soon thereafter as weather conditions permit.
3. The work under this agreement will be continued by the Contractor working two twelve hour shifts, seven days per week until completed.
4. All holes shall be drilled with a 38 drill equipped with hydraulic head and a mast, producing BQ Wireline size core.
5. The dip of all holes will be 45 degrees to 90 degrees.
6. No hole shall exceed a length of one thousand (1,000) feet unless otherwise agreed upon by both parties.
7. Measurements of all holes shall be made from the top of the casing.
8. The Company will pay for all regular core drilling and the penetration of all overburden and reaming casing at the following rates:

2.

PENETRATING OVERBURDEN

The price per foot for drilling in overburden shall be \$11.65 per foot for the first fifty (50) feet. If the cost to the Contractor of penetrating the additional overburden is greater than \$11.65 per foot, the Company agrees to pay the Contractor at field cost for penetration of such additional overburden.

CORE DRILLING

	<u>BQ</u>	<u>AQ</u>	<u>NQ</u>
Bedrock to 500 feet	\$11.65 per foot	\$11.15 per foot	\$12.30 per foot
500 feet to 1,000 feet	\$12.15 per foot	\$11.65 per foot	\$12.80 per foot
1,000 feet to 1,500 feet	\$12.80 per foot	\$12.30 per foot	\$13.45 per foot

REAMING CASING

The price per foot for reaming casing in bedrock shall be \$9.00 per foot from 0 to 50 feet in depth. If the cost to the Contractor of reaming casing deeper than 50 feet is greater than \$9.00 per foot, then the Company shall pay the Contractor at field cost for reaming casing below such depth.

9.. The Company agrees to pay for the following operations on a field cost basis:

- (a) All cementing operations.
- (b) All wedging operations.
- (c) The removal of all inserted casing and associated material upon completion of drilling on said setup.
- (d) The Company agrees to pay for all casing left in holes at the Company's request at cost.
- (e) All costs arising from a mud and/or calcium chloride circulation operation.
- (f) The cost of reaming cave after the first two (2) hours on each individual hole.

(g) *INSTALLING CASING TO REDUCE WEIGHT BE
CARRIED TO THE COMPANY AT FIELD COST.*

10. All field cost operations will be charged to the Company employing the following applications:

Labour	\$10.60 per man hour
Drill Rental	\$ 7.00 per machine hour
Material Consumed	Cost plus 10%

11. In the event that cavities or loose and caving material is encountered of such 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 it becomes necessary to abandon the hole, the Company agrees to pay for such uncompleted holes, and the cost of all material unretracted from said holes, at the rates herein specified for all footage completed.
12. The Company will pay for moves at field cost and will provide a helicopter for moves at no cost to the Contractor.
13. The Contractor will mobilize and demobilize his men, drill and equipment to and from Burrage Strip and will charge the Company \$3,500.00 for same, or at cost, whichever is the lesser.
14. Travelling time between camp and drill sites in excess of one half hour per man per day will be chargeable to the Company at \$10.60 per man hour.
15. Moving in from the Burrage landing strip to the property and moving out to the same point at the completion of the contract will be chargeable to the Company at \$10.60 per man hour. No machine hours will be chargeable during moving in and setting up, and tearing down and moving out.
16. The Company will pay for all angle testing of holes at field cost.
17. Fuel for drills, pumps and heaters will be provided by the Company at no cost to the Contractor.
18. Room and board for the Contractor's crew will be provided by the Company at no cost to the Contractor.
19. The Contractor will supply water from a source not exceeding 2,500 feet in length and/or 400 feet in elevation. Delays caused by lack of water or freezing conditions will be charged to the Company at field cost. Costs incurred for water line in excess of the length and/or elevation aforementioned will be charged to the Company at field cost on a prorated basis.
20. It is agreed that the foreman's daily report will be signed by the Company's engineer and the Contractor's foreman. It is further agreed that the cost items on the foreman's report will be invoiced to and paid for by the Company.

21. The Contractor will be subjected to and operate under all applicable Federal and Provincial legislation regarding liability and Workmen's Compensation with respect to the Contractor's employees engaged in the work upon the claims.
22. Once drilling has commenced, the Contractor will be responsible for freight and transportation of Contractor's supplies between Whitehorse and Eddontenajon, provided regular transportation is available. Should chartered transportation be required between Dease Lake and Eddontenajon, the Company will pay for such cost plus delays and expenses incurred by the Contractor at cost only to the Contractor. Standby time caused by machine breakdown will be at the Contractor's expense.
23. Upon completion of the work by the Contractor, the Contractor shall have the right to remove within a reasonable length of time all machinery, equipment and facilities of the Contractor placed upon the claims.
24. The Contractor shall be solely responsible for, and shall hold the Company free and harmless from, and hereby indemnifies the Company against any and all claims, demands, causes of action, loss, costs, damage and expense, including reasonable attorney's fees arising out of or in connection with injuries to or death of any and all persons and damages to property, attributable to the negligence of the Contractor, its agents and employees.
25. The Contractor, at its own expense, shall procure, carry and maintain on all its operations under the above described agreement policies of insurance which will adequately cover the risks involved including the indemnification clause set forth above.
26. The Contractor shall do everything in its power to keep the drilling results secret. The Company may have any employee replaced if unsatisfactory.
27. The Contractor agrees to carry comprehensive liability insurance written for an inclusive limit of not less than one million dollars (\$1,000,000.00) to cover all operations of the Contractor herein. The Contractor specifically represents that, in performing his obligation under this contract, its status is that of an independent contractor, and that its employees and the employees of its sub-contractor are not the employees of the Company for any purpose whatsoever.

28. The Company will pay to the Contractor for all work contemplated by this agreement as the work progresses as follows:

For all work done on and before the last day of each calendar month, no later than the 30th day of the calendar month next following; interest at 1% per month will be charged on overdue accounts.

29. The Contractor shall not be liable for any loss or damage directly or indirectly suffered by the Company by reason of any delay or otherwise howsoever owing to strikes, accidents, Acts of God, action of the elements or any other cause beyond the control of the Contractor affecting the operations of the Contractor and in particular, but without affecting the foregoing by reason of the Contractor being unable to get or being delayed in the getting of bits and all diamond drilling supplies and materials.

30. During the course of the work, the Contractor shall, at all times, keep the site of any drilling and camp areas free from accumulation of waste material, rubbish or garbage and upon completion of the work, shall remove all tools, scaffolding, surplus materials, rubbish and garbage and leave the working and camp site in a clean condition. The Contractor shall observe and comply with all applicable Federal and Provincial laws, regulations and orders relating to prevention of forest fires and sanitation in the bush.

31. This agreement shall be binding upon and enure to the benefit of the parties hereto and their respective successors and assigns.

SIGNED BY:

IN THE PRESENCE OF:

GREAT PLAINS DEVELOPMENT COMPANY OF CANADA, LTD.,

N.W. Reynolds
N.W. Reynolds
Vice-President, Mining

D.H. Scott
D.H. Scott
Secretary

APPROVED	
NAME	NW
LEGAL	NW/jnw6.
ACCT.	KBN

ARCTIC DIAMOND DRILLING LTD.,

J.M. Smith

N.M. Laughlin

APPENDIX II

STATEMENT OF EXPENDITURES

**BALL GROUP 2 CLAIMS
EXPENDITURES**

SALARIES

Geologist	45 days @ \$45/day	\$2,025.00
Geological Assistant	45 days @ \$40/day	\$1,800.00
Expediter	45 days @ \$40/day	\$1,800.00
Cook	45 days @ \$40/day	\$1,800.00
Supervision	5 days @ \$90/day	\$ 450.00
		<u>\$7,875.00</u>

TRANSPORTATION

Mobilization Great Plains Development Crew from Calgary		\$1,000.00
Helicopter charges		14,194.62

RADIO RENTAL

2½ months @ \$250.00/month		\$ 625.00
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FOOD AND CAMP COSTS

\$3,265.68

DIAMOND DRILLING

a) As per attached Invoice #1795 July 8 to Aug 15		26,264.70
b) Approximate costs August 15-Aug 19 and to 640 feet of hole 75-2		<u>1,000.00</u>

54,225.00
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APPENDIX III

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Rudolf M. Durfeld of Calgary, Alberta hereby certify that:

1. I am a 1972 Graduate of the University of British Columbia having received a Bachelor of Science Degree, Geology Major.
2. I have been employed in the mineral exploration industry of British Columbia and Yukon since 1970.
3. I am presently residing at #103-110 25th Avenue S.W. Calgary and I am employed as a geologist by Great Plains Development Company of Canada, Ltd.
4. I am the author of this report which is based on work conducted on the Ball Group 2 mineral claims during the period July 6 to August 19th, 1975.

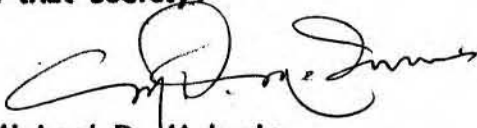


Rudolf Durfeld
Geologist,
October, 1975.

STATEMENT OF QUALIFICATIONS

I, Michael D. McInnis, with residence at 6550 Silver Springs Way, N.W. in the city of Calgary, Alberta, declare

1. that I graduated from the University of British Columbia in 1969 with an Honours B.Sc., in geology.
2. that since graduation I have been employed as an exploration geologist in British Columbia, Yukon and the Arctic Islands,
3. that I am presently Regional Geologist for Great Plains Development Company of Canada, Ltd.,
4. that I have successfully passed the exams necessary for entrance into the Professional Engineers Society of B.C. and have applied for membership in that society.

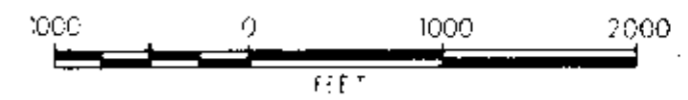

Michael D. McInnis
September, 1975.



DEVELOPMENT COMPANY
OF CANADA, LTD

BRITISH COLUMBIA

BALL CREEK PROPERTY CLAIM LOCATION MAP



WARD M.D.
M.C. 44-20-115

NIS 1045/8
OCTOBER, 1975



OUTLINE OF THE BALL GROUP 2 MINERAL CLAIMS

- 1973 and 1974 DIAMOND DRILL HOLE LOCATIONS
- ⊙ 1975 DIAMOND DRILL HOLES
- + CORE STORAGE AREA

Department of
Mines and Technical Resources
ASSESSMENT REPORT
NO. **5709** MAP **2**



5709 M-2