

ARIS SUMMARY SHEET

District Geologist, Smithers

Off Confidential: 92.09.19

ASSESSMENT REPORT 21641

MINING DIVISION: Omineca

PROPERTY: Burbridge Lake

LOCATION: LAT 54 42 30 LONG 126 45 00  
UTM 09 6064443 644964  
NTS 093L10E 093L10W

CAMP: 043 Babine Range

CLAIM(S): Summit, HB, June

OPERATOR(S): Groot, D. Logging

AUTHOR(S): Plecash, D.C.

REPORT YEAR: 1991, 52 Pages

COMMODITIES

SEARCHED FOR: Copper

KEYWORDS: Telkwa Formation, Metavolcanics, Intrusives, Breccia, Quartz stringers  
Bornite, Chalcopyrite, Pyrite, Native copper

WORK

DONE: Drilling  
DIAD 1045.2 m 8 hole(s); BQ  
Map(s) - 4; Scale(s) - 1:10 000, 1:1250

RELATED

REPORTS: 05422, 06386, 09073, 10182, 21446

FILE: 093L 223

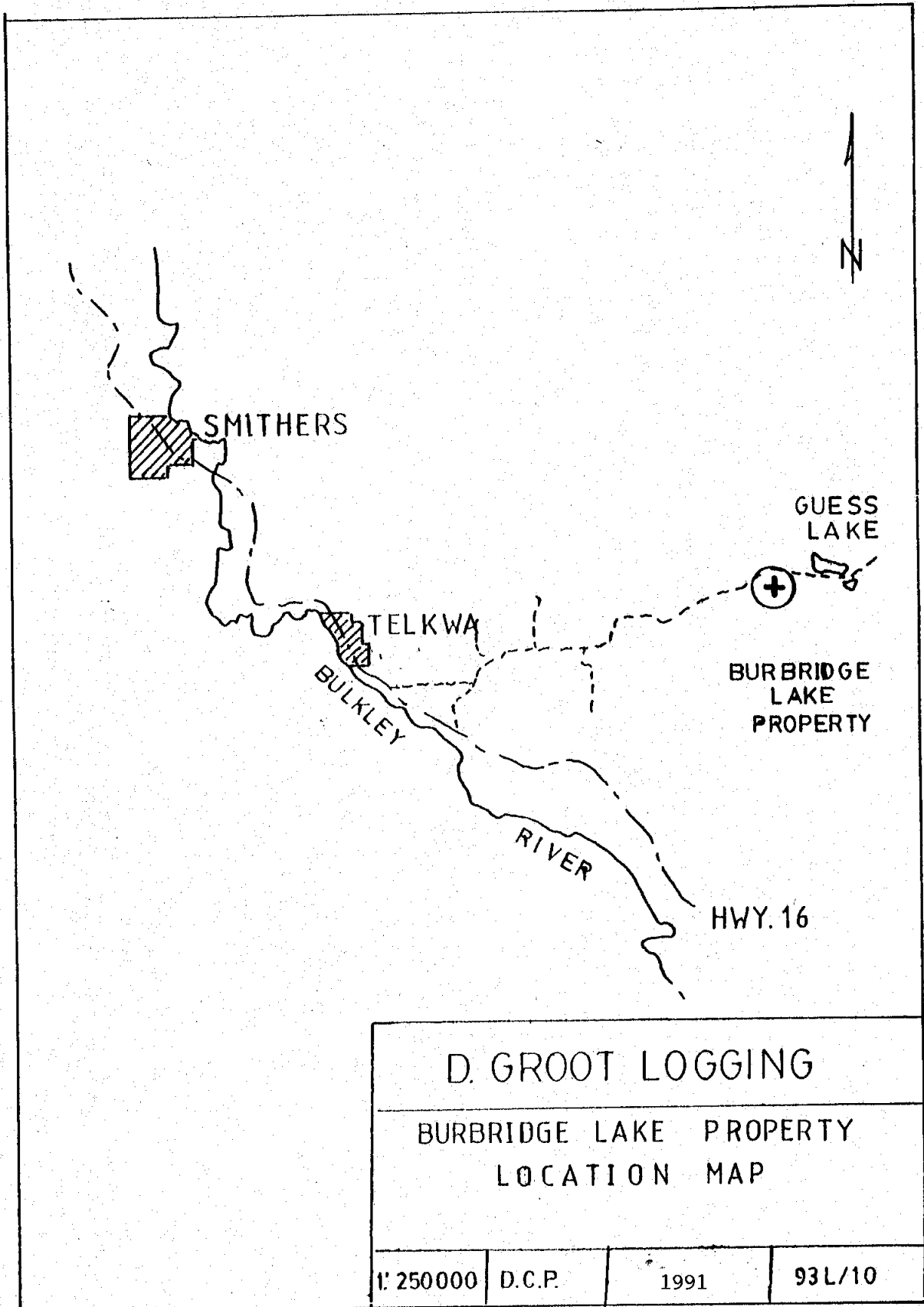
Drilling Report  
on the

BURBRIDGE LAKE PROPERTY  
93L/10  
OMINECA M.D.  
D. GROOT LOGGING LTD.  
SMITHERS, B.C.  
D.C. PLECASH - GEOLOGIST - SEPT. 1991

93L10

54° 42' 30"

126° 45'



LOG NO: SEP 24 1991	RD.
ACTION:	
FILE NO:	Page
	1, 2

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B R I T I S H   C O L U M B I A  
O M I N E C A   M . D .   -   9 3 / L  
B U R B R I D G E   L A K E   P R O P E R T Y

**SUMMARY:**

Between May 1991 and June 1991, D. Groot Logging Ltd. of Smithers, B.C. did work on the Burbridge Lake Property. The roads on the property were upgraded and new roads were built to get access into the Diamond Drill sites. 4145M of old roads were upgraded and 4155M of new road access was constructed.

Eight Diamond Drill holes were drilled on the property. These eight Diamond Drill holes were drilled to check out the magnetometer anomalies that were discovered by Hudson's Bay Oil and Gas Company Limited in 1973. The ground magnetometer survey was conducted by utilizing a geometrics nuclear precession instrument model G-817. The drilling sites were located at the lower center part of the property to the higher southwest and southeast of the property. Diamond Drill hole 91-4 intersected zones of green and maroon andesites with most areas being brecciated from fine to large sizes of phenocrysts. Some native copper and bornite was visible in the core, especially the maroon andesites. Diamond Drill hole 91-5 intersected zones of dark to light green and maroon andesites, mostly brecciated but some sill like structures, little areas of visible native copper and bornite. Diamond Drill hole 91-6 was collared in a chloritic altered porphyritic andesite, then changed at 8.78M to a light to dark green banded andesites and mixed porphyritic andesite. Some native copper, bornite and chalcopyrite visible. There is an area of porphyry diorite with small amounts of iron pyrites throughout, this areas is between 105.25M to 129.85M. Then the Diamond Drill hole goes into the dark green chloritic altered andesite. Diamond Drill hole 91-7 started in a chloritic altered brecciated andesite with some amounts of iron pyrites throughout. A little native copper and bornite visible. A massive white and yellowish green quartz appears between 86.20M to 116.74M. Then the green andesite are mixed with maroon andesites. Diamond Drill hole 91-8 was collared in a medium grey to black andesites to 34.99M. Some coal appearing at 8.53M to 10.97M. From 34.99M to end of Diamond Drill hole the area is a mixture of green to maroon andesites brecciated and bedded with quartz stringers and

blebs throughout. Some epidote showing up. Diamond Drill hole 91-9 was collared in a quartz diorite with bands of quartz and iron pyrites, this zone went to 36.30M then the Diamond Drill hole went into a banded and brecciated foliated argillaceous altered andesites of light to dark green and maroon in colour. A lot of diabase dyke appearing between 52.52M to 62.48M. Visible native copper and bornite. Diamond Drill hole 91-10 was collared in a mixture of maroon and green andesite breccia with fine specks of native copper and bornite. The breccia is from a fine to coarse size of phenocrysts. From 33.59M to the end of the Diamond Drill hole at 96.62M, the andesite is more of a tuff or sill like structure than that of a breccia. Most of the native copper and bornite seems to appear in the maroon coloured andesite. Diamond Drill hole 91-11 was collared in a fine to medium grained slightly chloritic altered diorite with small amounts of iron pyrites throughout. At 50.69M the andesite appears which is argillitic altered green and maroon and partly brecciated. Again small amounts of native copper appearing in the core and mostly in the maroon coloured andesites.

#### LOCATION AND ACCESS:

The Burbridge Lake Property is located in West Central, British Columbia at latitude  $54^{\circ} 43'$  North and longitude  $125^{\circ} 45'$  West. The main area of interest is located to the East and South of Burbridge Lake.

The property is accessible via Woodmere Road, which leaves Highway 16 approximately 1.6km South of the town of Telkwa, B.C. and then up Woodmere Road for 9.5km to the Deception Lake Forestry Access Road. Travel up to Deception Lake Forestry Access Road for 11.3km to Burbridge Lake.

#### HISTORY:

The Burbridge Lake Property was staked by Mel Chapman in 1969 after laying undeveloped for numerous years. In 1973 the property was optioned by Hudson's Bay Oil and Gas Company Limited, who conducted a program of geological mapping, a ground magnetometer survey, geological soil sampling and 366 meters of Diamond Drilling in three (3) holes. The option agreement was then terminated due to unfavourable results.

In 1974 Cities Service Minerals Corporation acquired a working option on the property and completed an induced polarization survey using a McPhar P660 frequency domain instrument. From results of this induced polarization survey and the previous magnetometer survey, the company opted to drill 485M of Diamond Drilling in two (2) holes. This worked failed to encounter any significant mineralization of any magnitude therefore the working option was terminated.

In 1976 Asarco Explorations Company of Canada Limited did a cursory examination of the structural and stratigraphic setting of the area of mineralization. In the reviewing of all available data, it was suggested that a dip to the southwest, with the host diorite intrusion occurring as a sill within the volcanic succession. With Hudson's Bay Oil and Gas Company Limited and Cities Service Minerals Corporation Drill program set up that all of the Diamond Drill holes were inclined between  $45^{\circ}$  and  $50^{\circ}$  to the south, the Diamond Drill holes were close to being parallel to, rather than crosscutting the zone of mineralization. On this basis, an option agreement was drawn up to do work on the Burbridge Lake property. In 1977 Asarco Explorations Company of Canada laid out a Diamond Drill program to drill six (6) holes. The results confirmed that the diorite is a sill like body dipping to the southwest. There was not enough commercial

mineralization in the core to continue working on the property. Therefore the work option was terminated.

In 1980, D. Groot Logging Ltd of Smithers, British Columbia reviewed all of the pertinent data from previous work done on the Burbridge Lake property, and came to the conclusion that there could be a possibility of increased amounts of copper and molybdenum in the stockwork to the west of the Diamond Drill holes that Asarco Explorations Company of Canada had put in. A bargain was made to get control of the property from Mr. Mel Chapman of Smithers, B.C., and then work commenced. A detailed geochemical survey program was conducted over four (4) areas of the property. Four (4) Diamond Drill holes were drilled. The first three (3) to see if the diorite sill increased in mineralization the west and also a westerly extension of the sill. The results showed that the mineralization did not increase above the previous encountered amounts and also that the diorite sill is cut off to the west between Diamond Drill hole 80-2 and 80-3, by a fault. The fourth Diamond Drill hole was drilled on the eastern part of the property above Camp Lake. This drilling was done to try and encounter some small copper, silver veins that appeared on surface. This Diamond Drill hole did not pick up any vein extensions at depth. Some cat trenching and hand trenching was also done over a few areas of the property. Nothing of any significance appeared in any of the trenching.

In 1981 D. Groot Logging Ltd. decided to Diamond Drill in an area where the previous year geochemical program came up with some high anomalies in two different zones. Five (5) Diamond Drill holes with a total of 491.2 meters were drilled. The first three(3) Diamond Drill holes were put in on the southwest part of the property on the strength of the high soil sample readings that were obtained from the 1980 field work. No significant mineralization was encountered in any of these Diamond Drill holes. The two (2) other Diamond Drill holes were drilled in the central part of the property, southeast of Burbridge Lake. These Diamond Drill holes were also drilled to check the area of high anomalies of copper and molybdenum, that were obtained in the 1980 field work. No significant mineralization was encountered in either of these Diamond Drill holes. In 1991 D. Groot Logging Ltd. decided to Diamond Drill three (3) holes in the immediate area south of Asarco's Exploration Company Limited Diamond Drill hole 77-6 to explore the possibility of more mineralization occurring at depth, as the diorite sill dips into the ground to the south at a dip of  $20^{\circ}$  to  $40^{\circ}$ . Three (3) Diamond Drill holes were completed for a



total distance of 670.87M. The results of the three Diamond Drill holes showed that the diorite sill is still in place at depth and that as you go deeper, the rock formations are more defined at the upper and lower contacts. The appearance of iron pyrites seems to increase at depths but the copper and molybdenite lessens at depth. The results also shows that the diorite stock in an area of fracturing and veinling with clay-chlorite, quartz-calcite alteration now shows no visible amounts of copper and molybdenum to the naked eye as previous occurred in the other Diamond Drill holes that intersected the stock work at a higher elevation.

D. Groot Logging now decided to Diamond Drill in the areas of the high magnetometer readings that Hudson's Bay Oil and Gas Company Limited found in their 1973 geophysical survey. No other company attempted to drill these zones even though some coincide with the high geochemical anomolies found in the same areas.

#### REGIONAL GEOLOGICAL SETTING:

The Burbridge Lake property is situated along the western margin of the Babine Range, within a block of uplifted rhyolite to andesite volcanic rocks of the Jurassic Age. These rocks are part of the Telkwa formation of the Hazelton group and have been subjected to regional green schists metamorphism, overlain by well bedding marine sediments and red tuff, breccias, epiclastics, and andesitic flows. With the predominant north east and north by northwest trending linears intersecting in the vicinity of the Burbridge Lake property. This usually represents high angle faults.

#### PROPERTY GEOLOGY:

The Burbridge Lake property is underlain by rhyolitic dacite and andesite tuffs and flows off the Telkwa formation. Their rocks have been regionally metamorphosed to the green schist facies and are strongly foliated in places, with foliation occurring along bedding planes. The general trend of the foliation is to the northwest with variable dips to the southwest. Eutaxitic textures are common in the more siliceous crystal and lapilli-tuff units.

(By D.G. MacIntyre)

In the vicinity of Burbridge Lake, the Telkwa formation is intruded by a sill like complex which is between 150M and 200M thick and at least 1500M in length. The upper part is porphyritic and approaches a granodiorite in composition. Towards the bottom of the contacts, the sill becomes more mafic-rich with a well developed diorite texture. The sill appears to be foliated and metamorphosed to the same intensity as the volcanic country rock, which suggests that all of the rocks in the immediate area are of the same age.  
e.g. Jurassic.

REFERENCES:

- A.D. Schmidt, P. Eng. Hudson's Bay Oil and Gas Company Limited 1973  
D.A. Silversides, Geologist, Cities Service Minerals Corporation 1974  
D.G. MacIntyre, Geologist, Asarco Explorations Co. of Canada 1977  
D.C. Plecash, Geologist, D. Groot Logging Ltd. 1980  
D.C. Plecash, Geologist, D. Groot Logging Ltd. 1981  
D.C. Plecash, Geologist, D. Groot Logging Ltd. 1991

1991 DIAMOND DRILL PROGRAM:

Between May 1991 and June 1991 a Diamond Drill program was laid out and drilled with a total distance of 1045.17M of B.Q. wireline on the Burbridge Lake property.

Diamond Drill hole 91-4 was drilled in the lower elevation of the property at 1157M in elevation and approximately 590M in a N72<sup>0</sup>E direction from the most easternly edge of Burbridge Lake. The hole was collared in a green and maroon brecciated andesites, limy in texture and small visible amounts of native copper and bornite up to 17.98M. Next from 17.98M to 23.74M was a green and maroon andesite tuffs. The hole then entered another zone of brecciated green and maroon andesites from 23.74M to 69.34M with quartz calcite and epidote increasing as the hole gets deeper. From 69.34M the Diamond Drill hole is in a medium colour texture of maroon and green fine grained brecciated andesite mixed with a maroon and green andesite tuff. Still more quartz blebs and stringers with larger amounts of epidotes. Small amounts of visible native copper and bornite in most of the maroon coloured andesites. The hole was stopped at 102.72M.

Diamond Drill hole 91-5 was drilled up in the southwest area of the property at an elevation of 1292.0M. This hole was collared in a dark green andesite with numerous quartz stringers and epidote up to 15% in volume. Some small areas of brecciation and also some iron pyrites in small amounts throughout the core, then from 51.09M to 74.77M the hole was in a medium to light grey brecciated andesite with large amounts of quartz, between 61.81M to 72.24M there is a zone of light greyish green quartz interbedded with veinlets of clear quartz. From 74.77M to 133.20M the hole is in a black slate mixed with bands of dark grey fine brecciated andesites. The dark andesite is very limy. Some visible FeS; CuFe; and native copper in the core, beds at 40<sup>0</sup> to core axis. At 133.20M to 137.62M the core is medium to light greyish brown brecciated andesite with oxide staining, highly altered. From 137.62M to 172.82M the core is a medium grey to greyish green andesite mixed with a greyish green brecciated andesite all argillic altered. Some small amounts of visible molybdenum and native copper. The hole was stopped at 172.82M.

Diamond Drill hole 91-6 was drilled in the southeast part of the property above or southeast of the creek, at an elevation of 1264.9M. The drill hole started in a chloritic altered porphyritic andesite with a little iron pyrite, copper

pyrite and native copper appearing. The hole at 8.78M to 40.23M then went into a medium to light green andesite banded with quartz stringers, epidote and iron pyrites with core to beds at 20° to 25°. Some jasper appearing at 30.0M and bands of maroon andesite starting to appear around 31.27M. Oxide staining and a crushed zone at 37.64M. At 40.23M to 105.25M there is medium to light green andesite with splotches of epidote. Fault at 48.92M then highly altered to 53.24M. At 61.48M to 70.17M core is finely brecciated. From 86.72M to 90.89M there is a medium green andesite breccia mixed with a porphyry diorite. From 90.89M to 93.18M and 100.19M to 100.37M are bands of porphyritic diorite. At 105.25M to 129.85M the core is a porphyry diorite with bands of iron pyrite up to 1.2CM wide. From 129.85M to 142.34M the hole is in a dark green chloritic altered andesite mixed with a porphyry diorite that has bands of quartz and iron pyrite. The Diamond Drill hole was stopped at 142.34M.

Diamond Drill hole 91-7 was collared approximately 472.4M in a S71°E direction from Diamond Drill hole 91-6 at an elevation of 1307.6M. The Diamond Drill hole was collared in a chloritic altered brecciated andesite with numerous veinlets of quartz and some small veins of iron pyrites. This is mixed with a chloritic altered light to dark andesite tuffs. This zone goes to 33.74M to 66.23M the core is a mixture of light to dark grey andesite with dark green andesites. A lot of quartz bands up to 60CM thick. Some iron pyrites in the core. From 66.23M to 86.20M the core is a medium grey green to dark green andesite breccia with a banded grey green to black andesite that has some areas of quartz up to 25%. The core to beds in the area is at 30°. At 86.20M to 116.74M the core is a massive white and light yellowish green quartz with a few bands of argillaceous altered andesite with secondary bands of quartz. From 116.74M to 153.93M the core is a mixture of maroon, green and black bands of andesite tuffs with maroon and green andesite breccia and quartz bands with epidote showing. Some of the andesite bands are argillitic altered. Small amounts of native copper visible with beds of andesite at 25° to 30° to core axis. The Diamond Drill hole was stopped at 153.93M.

Diamond Drill hole 91-8 was collared approximately 274.3M in a S67°E direction at 1295.4M elevation. The Diamond Drill hole started in a mixed medium grey to black andesites with black slate with note graphite and little coal from 8.53M to 10.97M, and quartz stringers in minor amounts to 17.74M. From 17.74M to 57.61M the core is light to dark green andesite breccia with the phenocrysts

being from a fine grained texture up to 5CM in size. At 57.61M to 68.82M the core is a light green quartz interbedded with calcite stringers. From 68.82M to 78.09M the core is a light green sandy andesite mixed with maroon and dark green andesite tuffs. Noted fault zone with recemented quartz calcite at 73.27M to 73.52M. Some quartz calcite stringers up to 8CM thick at 74.37M, 74.68M and 75.32M. From 78.09M to 104.94M the core is from light to medium and dark bands of argillaceous altered andesite with numerous bands of quartz up to 23CM wide. Slight amounts of brecciated andesites after 84.64M. The core band to core axis is from  $30^{\circ}$  to  $35^{\circ}$  at 78M to 79M and flattens out to  $15^{\circ}$  at 89M. From 104.94M to 163.68M the core is a mixture of maroon to light and dark green argillaceous altered andesite tuffs with epidote starting to appear with maroon and medium green brecciated andesite. At 158.19M to 158.65M there is a zone of crushed and leached quartz calcite fault. The Diamond Drill hole was stopped at 163.68M.

Diamond Drill hole 91-9 was collared approximately 139.6M at a  $S57^{\circ}E$  direction from Diamond Drill hole 91-4 and at an elevation of 1172.6M. This Diamond Drill hole started in a medium to coarse grained diorite slightly chloritic altered with small veinlets of quartz, andesite and iron pyrite to a distance of 36.30M. From 36.30M to 46.15M the core is a foliated argillaceous limy altered andesite with bands of quartz calcite and the foliation being at  $30^{\circ}$  to core axis. From 46.15M to 78.43M the core is a maroon and green brecciated andesite with some visible native copper and bornite. From 52.52M to 62.48M there is an abundant amount of diabase dyke. The first epidote appearing at 71.63M. At 78.43M to 86.99M the core is a mixed zone of green andesite with quartz stringers and epidote. From 86.99M to 92.05M is a green brecciated andesite with bands of andesite tuffs shot through with quartz calcite stringers and epidote. Little native copper appearing in the core. The Diamond Drill hole was stopped at 92.05M.

Diamond Drill hole 91-10 was collared approximately 77.4M in a  $N69^{\circ}W$  direction from Diamond Drill hole 91-4. The hole started in a maroon and green mixed andesite breccia with quartz calcite stringers up to 3CM in width. Small amounts of native copper and bornite visible. First epidote appearing at 5.49M. This zone went to 33.59M. From 33.59M to 96.62M the core is a mixed green and maroon andesite tuffs with some green and maroon andesite breccia. Numerous quartz and quartz calcite stringers and larger amounts of epidote from 56.0M to 78.88M. Noted small amounts of native copper with little amounts

of bornite. The Diamond Drill hole was stopped at 96.62M.

Diamond Drill hole 91-11 was collared approximately 231.0M at a S56°E direction from Diamond Drill hole 91-4. The hole started at elevation 1170.1M. The beginning of the Diamond Drill hole was in a fine to medium grained diorite that is slightly chloritic altered, and has a few stringers of quartz calcite and iron pyrites. This zone went to 46.27M then from 46.27M to 50.69M the core is a mixture of diorite and light green andesite with calcite throughout. From 50.69M to 60.69M the core is a mixture of argillaceous altered andesite with diorite that is almost 80% calcite, limey and some iron pyrites in it. From 60.69M to 121.01M the core is a mixture of green and maroon andesite tuffs foliated at 20° with maroon and green brecciated andesites. Large amounts of quartz calcite in the core and there is an area between 79.07M to 91.75M with abundant amount of diabase dyke. The Epidote first starts to appear at 99.37M. Some specks of native copper and bornite in the core. The Diamond Drill hole was stopped at 121.01M.

The Diamond Drill core is stored at Northwest Panelboard, Railway Ave., Smithers, B.C.

CONCLUSION:

The eight (8) Diamond Drill holes that were completed in June 1991 on the Burbridge Lake Property that were drilled, to test the magnetic anomalies that were discovered by Hudson's Bay Oil and Gas Co. Ltd. work in 1973, did not come up with any amount of copper, molybdenum, zinc or gold, of any significance. In the lower portion of the property where Diamond Drill holes 91-4, 91-9, 91-10 and 91-11 were drilled on high magnetic readings the zones were of the marine sedimentary beds of the maroon feldspathic tuffs, breccias, epiclastics and andesitic flows. With the amount of visible native copper and bornite in the core, especially the maroon andesites, the assay results were disappointing. The Diamond Drill holes 91-5, 91-5, 91-7 and 91-8 were collared in sediments with some pyrites but no significant mineralization were found in these holes as the same as the first four(4) Diamond Drill holes. Future work on the property would be to go to the area of Diamond Drill hole 73-2 that was drilled by Hudson's Bay Oil and Gas Co. Ltd. in 1973 and start following the mineralized zone from there.



D.C. Plecash  
Geologist



STATEMENT OF QUALIFICATIONS:

I, Donald C. Plecash of 3869, 12th Avenue, Box 2694, Smithers, B.C. certify that:

- 1) I attended Queens University, Kingston, Ontario from September 1947 to May 1950.
- 2) I was employed by Yale Lead and Zinc Mines of Ainsworth, B.C. as a Mine Surveyor, Junior Engineer, Junior Geologist from 1950 to 1956.
- 3) I was employed by Canam Copper Mines of Hope, B.C. as a Mine Engineer and Mine Geologist from 1956 to 1957.
- 4) I was employed by Reeves MacDonald Mines Ltd. of Remac, B.C. as a Mine Engineer, Mine and Exploration Geologist from 1957 to 1969.
- 5) I was employed by Norex Uranium of 605-535, Thurlow St., Vancouver B.C. as Exploration Geologist and Manager from June 1969 to October 1969.
- 6) I was employed by Nadina Explorations Ltd. of 1005-789, West Pender St., Vancouver, B.C. as Mine Engineer and Mine Geologist then Mine Manager from October 1969 to September 1973.
- 7) I was employed in the Sales Industry from September 1973 to April 1980.
- 8) I was employed by D. Groot Logging Ltd. of Box 520, Smithers, B.C., as an Exploration Geologist from May 1980 to June 1984.
- 9) I have been self employed in the Mining Industry as Engineering and Geology services where I have worked from Exploration to Mine Product to the present time.

  
D.C. PLECASH

BURBRIDGE LAKE

1991

COST STATEMENT

BIRTTON BROS. DIAMOND DRILLING LTD.

DIAMOND DRILLING 1045.2M

ROAD UPGRADING 4145M

ROAD CONSTRUCTION 4155M

\$ 76,560.96

SMITHERS TRUCK RENTALS LTD.

1,430.25

B. GROOT - CORE SPLITTER, ETC.

163 HRS @ \$11.322/HR

1,845.50

D. C. PLECASH - GEOLOGIST, ETC.

4.5 MONTHS @ \$6225/MONTH

28,012.50

\$107,849.21



D.C. PLECASH

GEOLOGIST

CLAIM LIST:

NAME	RECORD NO.	DATE RECORDED
Summit #1	59464	
Summit #2	59465	
Summit #3	112279	
Summit #4	112280	
Summit #7	112283	
Summit #8	112284	
H.B. #4	126754	
H.B. #6	126756	
H.B. #21	126287	
H.B. #22	126288	
H.B. #23	126289	
H.B. #1 FRA	126290	
H.B. #2 FRA	126291	
H.B. #3 FRA	126292	
H.B. #4 FRA	126293	
MAY (9 Units)	2792	MAY 16, 1980
JUNE #1 (12 Units)	2833	JUNE 23, 1980
JUNE #2 (20 Units)	2834	JUNE 23, 1980
JUNE #3 (20 Units)	2835	JUNE 23, 1980







































































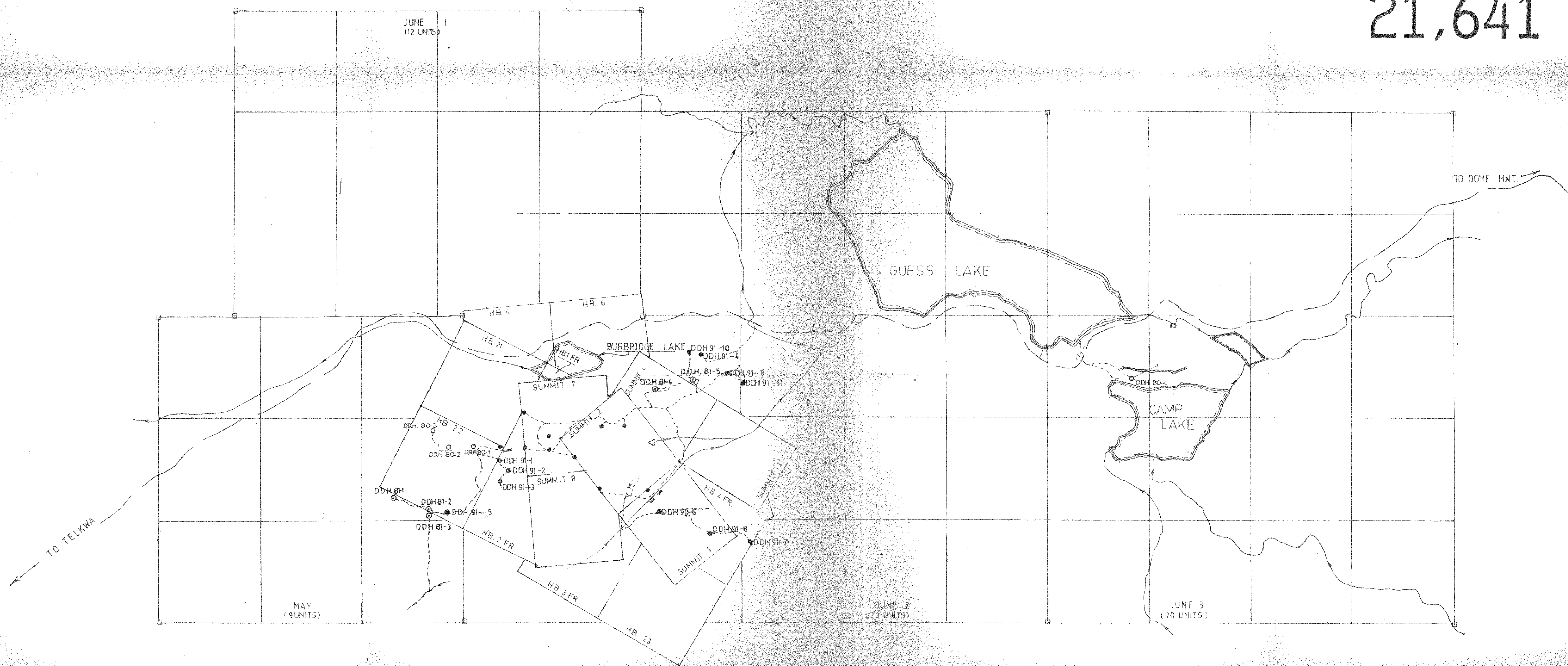
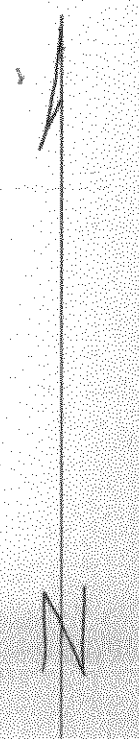








21,641



- LEGEND**
- MAIN ROAD
  - - - PROPERTY ROADS
  - ~ CREEKS
  - OLD D.D. HOLES
  - 1980 D.D. HOLES
  - ⊖ TRENCHING
  - ⊙ 1981 D.D. HOLES
  - 1991 D.D. HOLES

D. GROOT LOGGING LTD.  
MINERALS EXPLORATIONS  
SMITHERS. BRITISH COLUMBIA.

BURBRIDGE LAKE  
&  
ENVIRONS  
SURFACE PLAN

SCALE: 0 800'	DATE: 1991	REF. NO.
0 100M 200M		NTS
DWN: D. C. PLEASH		93L/10



DDH 91-6

A'

HB 4 FRA.

B

DDH 91-B

B'

SUMMIT 1

DDH 91-7

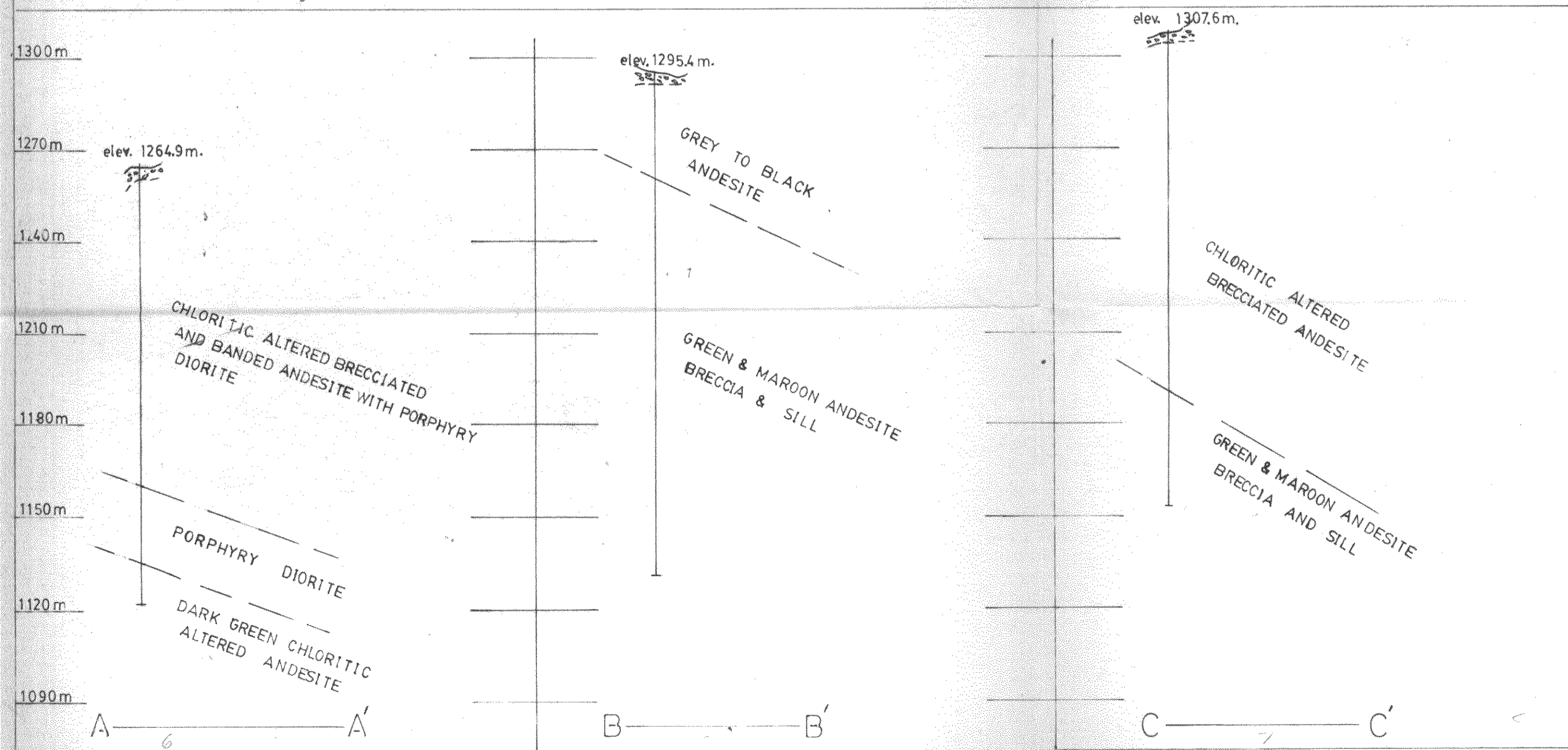
C

C'

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

21,641

JUNE 2  
20 UNITS



D GROOT LOGGING LTD. MINERALS EXPLORATION SMITHERS BRITISH COLUMBIA		
BURBRIDGE LAKE 1991 DIAMOND DRILLING PLAN & SECTION		
SCALE:	DATE: SEPTEMBER 1991	REF. NO.
DWN. D.C. PLEKASH		

D.D.H. 81-1

D.D.H. 81-2

D.D.H. 81-3

DD. HOLE 91-5



MAY 1-9

H.B. 2 FRA.

1300 m.  
1270 m.  
1240 m.  
1210 m.  
1180 m.  
1150 m.  
1120 m.  
1090 m.  
1060 m.

elev. 1292.2 m.

MEDIUM TO DARK GREEN ADESITE  
ABUNDANT QUARTZ & EPIDOTE

DARK GREY TO BLACK  
LIMY ANDESITE

GREYISH GREEN ARGILLACEOUS  
ALTERED ANDESITE



GEOLOGICAL BRANCH  
ASSESSMENT REPORT

21,641

D GROOT LOGGING LTD.  
MINERALS EXPLORATION  
SMITHERS BRITISH COLUMBIA

BURBRIDGE LAKE  
1991 DIAMOND DRILLING  
PLAN & SECTION

SCALE:	DATE: SEPTEMBER 1991	REF. NO.
DWN: D.C.PLECASH		



JUNE 2  
1-20

SUMMIT 4

A  
DDH 91-10

B  
DDH 91-4

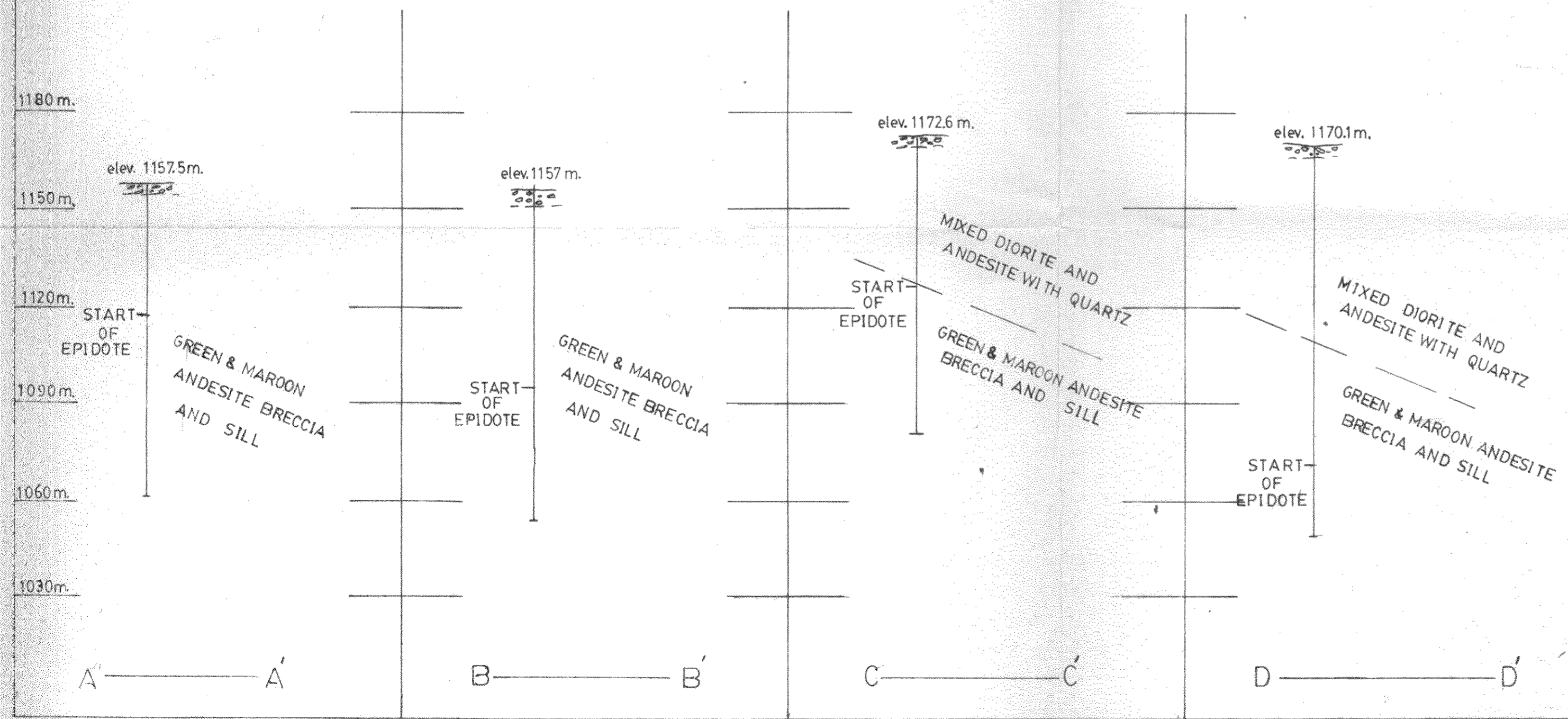
C  
DDH 91-9

D  
DDH 91-11

DDH 81-5

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

21,641



D. GROOT LOGGING LTD. MINERALS EXPLORATION SMITHERS BRITISH COLUMBIA	
BURBRIDGE LAKE 1991 DIAMOND DRILLING PLAN & SECTION	
SCALE: 0 10m. 20m. 30m.	DATE: SEPTEMBER 1991
DWN: D.C. PLECAH	REF. NO.