1997 DIAMOND DRILLING REPORT ON THE DOLORES 1-78 CLAIMS

Located in the Dolores Creek Area
Mayo Mining District
Yukon Territory, Canada
NT 106C/14
64° 57' North Latitude
133° 17' West Longitude

-prepared for-

NEWMONT EXPLORATION LIMITED
Denver, Colorado

-prepared by-

Allan T. Montgomery, P. Geo.
PAMICON DEVELOPMENTS LIMITED

January, 1998

Work Completed: June 19th to June 29th, 1997

This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 31,300.00.

for Regional Manager, Exploration and Geological Services for Commissioner of Yukon Territory.

1997 DIAMOND DRILLING REPORT ON THE DOLORES 1-78 CLAIMS

TABLE OF CONTENTS

LIST OF TABLES

LIST OF FIGURES

LIST OF PLATES

APPENDICES

1.0 SUMMARY, CONCLUSIONS AND RECOMMENDATIONS

The Dolores 1-78 claim group is located in east central Yukon and is one of a number of mineral properties being explored by Newmont Exploration Limited. The Dolores property is located at the headwaters of Dolores Creek, a tributary to the Bonnet Plume River. Proterozoic sedimentary rocks which are intruded by heterolithic and homolithic Wernecke breccias, diorite and syenite underlie the claims. Copper, cobalt and gold mineralization is associated with these later rock types here and elsewhere in the Bonnet Plume region. The Dolores area has seen intermittent exploration activity by past operators since the discovery of copper mineralization here in the late 1960s. In 1994, Newmont conducted an airborne radiometric and magnetic survey over the area, and in 1995 ground geological and geochemical work was carried out over select areas of the property.

Work in 1997 consisted of completing three diamond drill holes totaling 337.39 metres (1107 feet) which targeted the Porphyry Showing area at the southern end of the property. The Porphyry Showing consists of a series of syenite outcrops mineralized with fracture controlled and disseminated chalcopyrite +/- pyrite mineralization. Copper mineralization was encountered in holes DL97 - 1 and DL97 - 3, however gold mineralization was generally below detection with the exception of two weakly anomalous results in hole DL97 - 3.

Copper mineralization occurs in the syenite in hole DL97 - 1 approximately 50 metres below surface, indicating that the copper mineralization continues to depth at this location. Further drill testing of this area is warranted based on this observation. The hole collared in syenite suggesting that a step out back (east) and below hole DL97 - 1 could more completely test the extent and grade potential of the intrusive.

Holes DL97 - 2 and DL97 - 3 failed to intersect the syenite. This may not preclude the existence of syenite in this general area as these holes test only a small area along which the syenite could occur. In addition the magnetic feature which trends northeast across this area (possibly reflecting a magnetic syenite) does not appear to have been explained by the drilling.

Drilling in 1997 did not test the area of 1969 hole 2, which intersected 22.9 metres of 0.75% copper. This area is located northeast of DL97 - 1 and warrants drill testing in any future considered drill program.

The Dolores property encompasses several exploration targets in addition to the Porphyry Showing which warrant additional work. Any future work should consider further evaluation on a property wide scope as most of the targets within the claims have received only preliminary evaluation.

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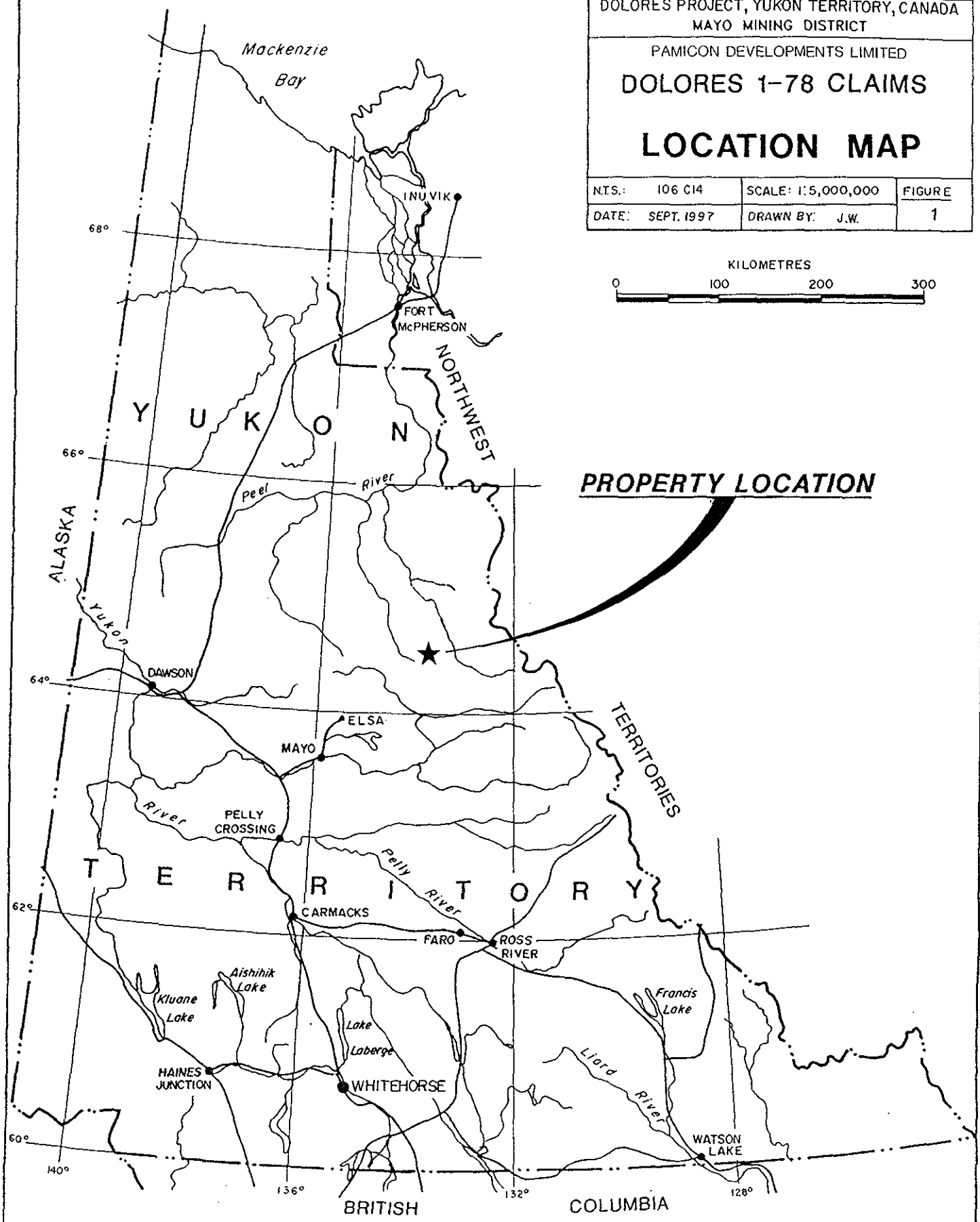
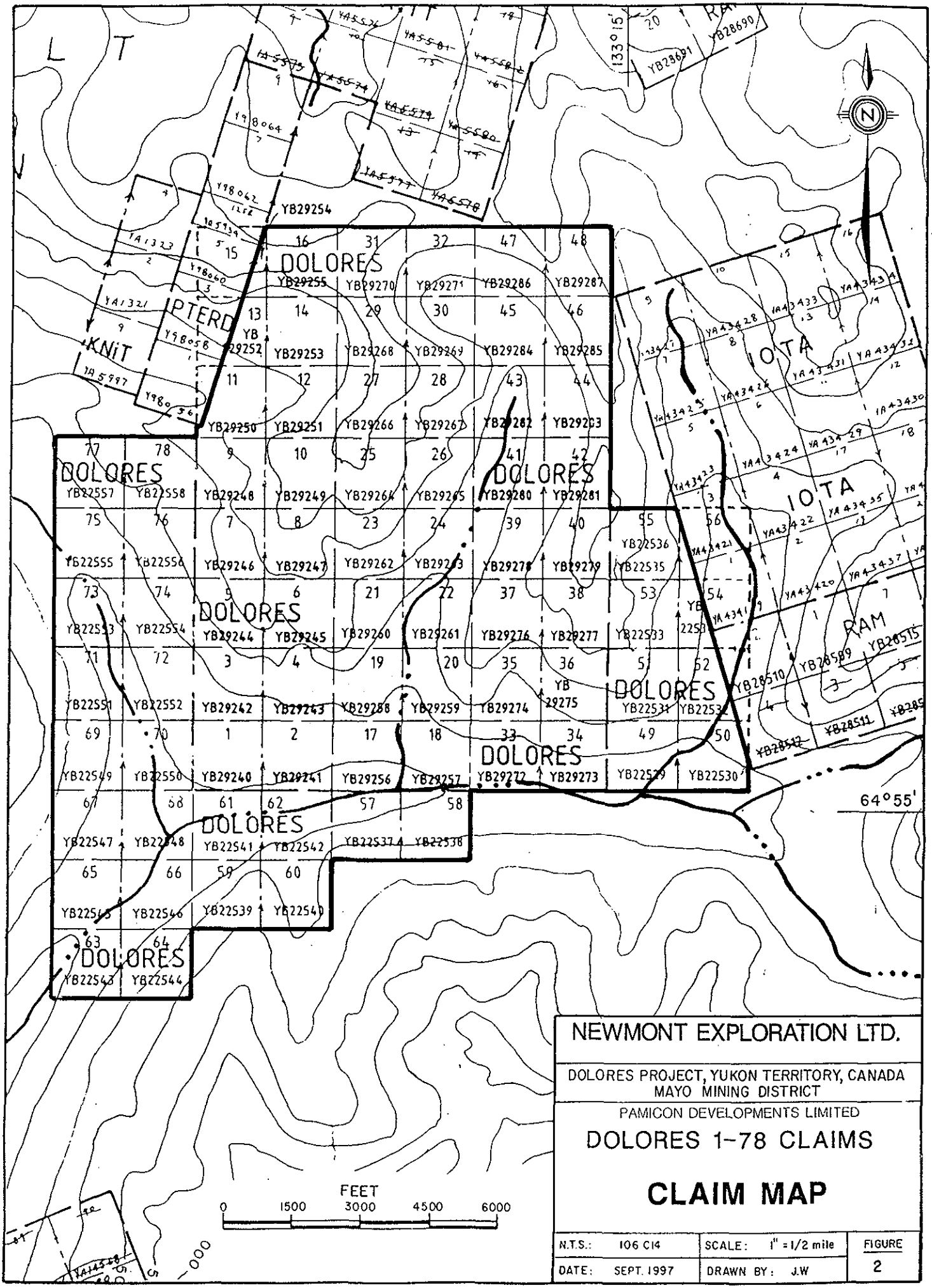
DOLORES 1-78 CLAIMS

LOCATION MAP

N.T.S.: 106 C14	SCALE: 1:5,000,000	FIGURE 1
DATE: SEPT. 1997	DRAWN BY: J.W.	





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DOLORES 1-78 CLAIMS

CLAIM MAP

N.T.S.: 106 C14	SCALE: 1" = 1/2 mile	FIGURE 2
DATE: SEPT. 1997	DRAWN BY: J.W	

2.0 INTRODUCTION

A 1997 exploration program consisting of three diamond drill holes was completed on behalf of Newmont Exploration Limited on the Dolores property to test disseminated chalcopyrite mineralization at the Porphyry Showing. The Porphyry Showing was chosen as a drill target because of the disseminated nature of the mineralization here, and hence the implication for potential bulk tonnage.

The Porphyry Showing mineralization was discovered in the late 1960s and has received intermittent exploration attention since, including seven short drill holes in 1969 which were in some cases incompletely sampled over mineralized sections. The best result reported from this drilling was 22.9 metres grading 0.75% copper. The current claims were staked in 1992 and 1993 by Pamicon Developments Ltd. and Equity Engineering Ltd., and Newmont became involved in the property in 1994, since conducting airborne geophysical and ground geochemical and geological surveys.

3.0 LIST OF CLAIMS

The Dolores claim group comprises 78 contiguous quartz mineral claims located in the Mayo Mining District (Figure 2). The following claims are owned 100% by Newmont Mines Limited of Denver, Colorado. At the time this report was being written, the entire claim group was in the process of being transferred back to Pamicon Developments Limited (50%) and Equity Engineering Limited (50%).

Table 3.0.1 Dolores Claim Data

CLAIM NAME	CLAIM NO.	RECORD NO.	RECORD DATE	EXPIRY DATE	NTS	NO. OF CLAIMS
Dolores	1-48	YB29240-287	10\19\92	12\31\2005*	106C14	78
	49-78	YB22537-558	08\24\93	12\31\2002*	106C14	

* Subject to government approval of 1997 filing.

4.0 LOCATION, ACCESS AND PHYSIOGRAPHY

The property is located in the Wernecke Mountains of east-central Yukon, approximately 190 kilometres northeast of Mayo (Figure 1). Approximate coordinates for the property are 64° 57' north latitude and 133^0 17' west longitude. The property may be accessed from Mayo to a gravel airstrip on the southwest corner of the property. Presently the airstrip is in poor condition and would be able to accommodate a small STOL aircraft. The airstrip is 568 metres long with the

northern 400 metres usable. Elevation on the south end of the airstrip is 1020 metres and 1060 metres on the north end. Access during the 1997 program was by fixed wing aircraft to the 885-metre-long Copper Point airstrip located 15 kilometres downstream from Fairchild Lake, and thence by helicopter to the Dolores property.

Elevations on the property range from 1065 to 2165 metres above sea level. Topography is mountainous and typical of alpine glaciated terrains, with deep valleys and serrated ridges. Relief ranges from gentle to steep and locally extreme. The majority of the area is above tree line, which lies at approximately 900 metres. Above tree line, vegetation consists of alpine grasses and moss with local concentrations of dwarf birch and alder. Work on the lower portions of the claim holdings could proceed from early June to late September with access to the highest elevations restricted to July and August.

5.0 PROPERTY EXPLORATION HISTORY

The initial exploration on the Dolores property was conducted during two periods: 1967-1969 and 1974-1976. Following the discovery of copper mineralization, Bonnet Plume River Mines conducted soil geochemical and ground magnetic surveys, geological mapping and prospecting in 1967. Further mapping and road building was completed the following year. In 1969, additional soil geochemistry and diamond drilling (7 holes totalling 609.9 metres) was conducted. During the 1970's, the hematite breccias were examined for uranium. Additional work in 1981-1983 (Texaco Canada Resources) and 1987-1988 (Silverquest Resources and Cyprus Gold Canada) was undertaken with an emphasis on the gold mineralization.

The current claims were staked by Pamicon Developments Ltd. and Equity Engineering Ltd. in 1992 and 1993. During June and July of 1993, International Prism Exploration Ltd. carried out a preliminary exploration program on the Dolores property, consisting of lithogeochemical sampling, prospecting and geological mapping at 1:10000 and 1:2500. A total of 64 soil samples were collected at 50 metre stations, on lines 100 metres apart at the Porphyry Showing. A total of 94 rock samples were collected including 11 lithogeochemical, 52 grab samples and 31 chip samples. International Prism dropped their option in early 1994.

In 1994 Newmont Exploration Limited carried out an airborne radiometrics and magnetics survey over the property.

During the period July 30 to August 8 1995, Newmont conducted field work comprising geological mapping, soil geochemical sampling and rock sampling. The mapping program was completed at property scale at 1:5000 using altimeter and hipchain for mapping control. A total of 133 soil geochemical samples was collected at 100 metre spacings on contour and reconnaissance lines. Rock sampling included collecting 3 float, 61 grab and 10 chip samples.

6.0 REGIONAL GEOLOGY

This summary of the regional geology is based on work by Delaney (1985), Thorkelson and Wallace (1993b, 1994b, 1995c) and Pamicon Developments Limited (unpublished, 1977). References to earlier work are cited in Delaney (1985). Work by Thorkelson and Wallace is based on 1:50,000 mapping of NTS sheets 106C/13 and 106D/16 published jointly by the Yukon and Canadian governments (Thorkelson and Wallace, 1993a, 1994a, 1995b).

The Wernecke Mountains are cored by 14,000 metres of generally fine-grained terrigenous and carbonate rocks of Helikian (Middle Proterozoic) age that are cut by hematite breccia and intruded by mafic sills and dykes. The succession, named the Wernecke Supergroup, is divided into three groups (oldest to youngest): Fairchild Lake Group, Quartet Group, and Gillespie Lake Group. To the east and south, the Hadrynian (Late Proterozoic) Pinguicula Group unconformably overlies the Wernecke Supergroup. Paleozoic carbonate rocks bound the western margin, and Cretaceous and Tertiary sediments fill the area to the north in the Bonnet Plume Basin (Norris and Hopkins, 1977). A table of rock types and formations is presented on the legend following Figure 3.

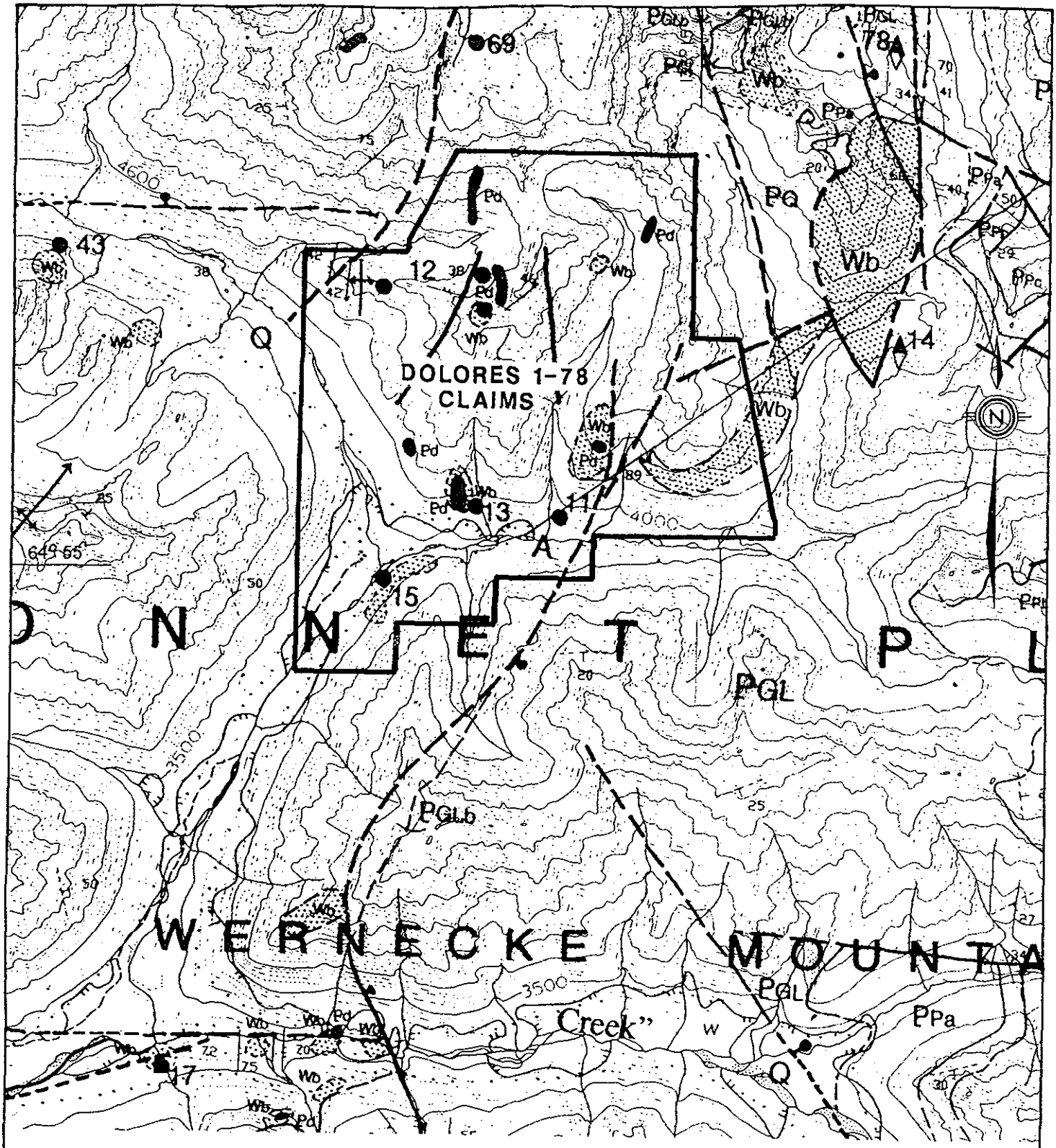
The main structural components on the northern edge of the Wernecke terrane are the southeast-trending fault splays (Deslauriers, Knorr, and Snake River faults) of the Richardson Fault array (Norris and Hopkins, 1977). These faults, which bound the Cretaceous/Tertiary Bonnet Plume basin, are interpreted to be deep-seated, long-lived, vertical structures which have undergone considerable vertical, and possibly right-lateral, movement.

7.0 PROPERTY GEOLOGY AND MINERALIZATION

7.01 Geology

The Dolores property is underlain by extensively folded and faulted Proterozoic sediments of the Pinguicula Group **(Pp)**, Gillespie Lake Group **(PGL)**, Quartet Group **(PQ)** and Fairchild Lake Groups **(PFL)** which have been intruded by Wernecke breccia, diorite and syenite stocks. Intense faulting is responsible for large displacements in stratigraphy commonly juxtaposing the major groups against each other.

The oldest rocks on the Dolores property can be seen in the Cobalt Cirque area. These are carbonates and siliciclastics which belong to the Fairchild Lake Group. Rock types in this group include grey weathering limestone and grey to dark grey ribbed-weathering siltstone and limestone, grey to greenish grey shale, phyllite and slate with thin interbeds of fine-grained sandstone and siltstone. Two phases of folding are apparent. Overlying units to the north and east are brown weathering massive-bedded, weakly metamorphosed siltstone and massive to locally thin bedded dolomitic siltstone.



Geology by:
Thorkelson and Wallace (1995)

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KILOMETRES
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DOLORES 1-78 CLAIMS

REGIONAL GEOLOGY

N.T.S.: 106 C/14	SCALE: 1:50,000	FIGURE
DATE: SEPT. 1997	DRAWN BY: J.W.	3

LEGEND

(to accompany Figure 3)

LITHOLOGIES

Quaternary

Q Unconsolidated glacial and alluvial deposits

Paleozoic

P *Carbonate and siliciclastic sediments, undivided*

Proterozoic

Pp **Pinguicula Group:** Carbonate and siliciclastic sedimentary rocks and lesser volcanics; Ppa: siltstone, shale, sandstone and conglomerate; Ppb: dolostone, limestone and siltstone; Ppc: dolostone and limestone, minor shale and conglomerate

Kd Diabase

Kdi, Pd Diorite

Gb Gabbro

Bx, Wb Hematite breccia

WERNECKE SUPERGROUP

Pgl **Gillespie Lake Group:** Buff-, orange-, grey-, and locally maroon-weathering dolomite, dolomite terrigenous admixtures, limestone, claystone, mudstone, siltstone and find sandstone.
Pgtr Transitional Zone: Interbedded dolomite and dark siltstone/shale with characteristic striped appearance. **Pglb** Basal Gillespie Lake Group: dolomite, shale, quartzite and sandstone

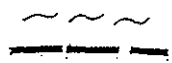
Pq **Quartet Group:** Dark grey- and grey-weathering siltstone, mudstone, claystone and fine sandstone (wavy bedded); locally quartzites.
Pq1 Black shale with sandstone and shale interbeds, quartzite
Pq2 Pyritic quartzite

Pf **Fairchild Lake Group:** Light grey-, greenish grey-, and locally dark grey-weathering shale, siltstone (80%), fine sandstone and limestone (20%); locally phyllites, schists and slates.
Pftr *Transitional Zone: Shale and brown-weathering dolomite with limestone marker unit, pyritic* black shale.

SYMBOLS

Geological contact (approximate)

Thrust fault (approximate)



Fault (approximate)

Bedding attitude

Bedding (overturned)

Anticlinal axis (arrow indicates plunge)

Synclinal axis (arrow indicates plunge)

Limit of unconsolidated glacial and alluvial deposits

Quartet Group siliciclastics are found on the northwestern, central and southern parts of the Dolores claim group. The lower section of the Quartet Group consists of a thick monotonous sequence of grey to dark-grey and black shale, phyllite and siltstone which is locally interbedded with a fine-grained sandstone. Near the top of the section a dolomitic sandstone to siltstone succession is exposed south of Cobalt Cirque.

Gillespie Lake Group carbonates are found on the southeastern side of the property. Conformably overlying Quartet Group siliciclastics is interbedded dolomite and shale which is the basal transition unit of the Gillespie Lake Group carbonates. Stratigraphically above this are brown and grey weathering dolomite locally containing silty laminae, buff to tan and orange weathering dolomite which contain chert nodules up to 1 metre in length and 5 centimetres in width. An interbed approximately 15 metres wide of grey stromatolitic dolomite is found within the dolomite unit.

The Wernecke Supergroup is unconformably overlain by well sorted, maroon siltstone of the Hadrynian Pinguicula Group. This can be seen north of the Porphyry Showing faulted within Gillespie Lake and Quartet Group stratigraphy and adjacent to Wernecke breccia.

The Wernecke strata is intruded by dioritic dykes and plugs, syenite plugs and Wernecke breccia which can be subdivided into heterolithic and homolithic breccia. None of these bodies are found penetrating the Pinguicula strata.

The diorite intrusives occur as dykes and small plugs which are composed of feldspar, hornblende and magnetite with late pyrite, chalcopyrite and bornite. Locally, the diorites and adjacent sediments have been strongly altered by chlorite and lesser amounts of potassium feldspar. Drilling in 1997 encountered narrow sections (dykes) of non - magnetic diorite.

The syenite units are centred in the Porphyry Showing area. The syenite has a strong alkali feldspar component which has previously been described to include orthoclase, oligoclase-andesine and albite. The syenite contains little quartz and 10-15% hornblende (Archer, 1967a). The mineralization at the Porphyry Showing is hosted by syenite (Caulfield, et al, 1993). The syenite encountered in 1997 drilling can be described as coarse to fine grained, equigranular, moderately to strongly chlorite and sericite altered, non - magnetic to moderately magnetic, and at times mineralized with chalcopyrite and pyrite. The syenite appears to pre - date the breccia as syenite clasts are present within the breccia at the contacts of the two. In outcrop the syenite is moderately to strongly magnetic as observed DL97 - 1.

Irregular shaped bodies of heterolithic breccia are found throughout the area. The breccia is dark grey- to brown- weathering, often pitted, with subangular to subrounded clasts averaging 2-5 centimetres, but varies from small pebbles to blocks several metres in diameter. The breccia matrix is a grey to brown, coarse- to medium-grained crystalline mass of potassium feldspar, iron carbonate and up to 10% specular hematite. Boundaries of the heterolithic breccia are often indistinct and grade into marginal homolithic breccia phases and crackled sediments.

7.02 Mineralization

Copper mineralization has been found to occur in a number of different settings on the Dolores property. Chalcopyrite is the dominant copper sulphide with lesser amounts of bornite. Chalcopyrite is found associated with quartz-carbonate veins, diorite, syenite and hematite breccias. Bornite is found to occur in chlorite and potassium feldspar-altered sediments proximal to and within diorite. Cobalt mineralization occurs as fine-grained masses in carbonate veins or as fine disseminations in the surrounding country rocks. Secondary mineralization including malachite, azurite and erythrite is commonly associated with the primary sulphides. Pyrite and magnetite are generally found in trace amounts with isolated zones reaching as high as 5%.

Mineralization at the TS showing on the east ridge adjacent to the eastern claim boundary occurs as blebby disseminations and veinlets of bornite and chalcopyrite locally associated with magnetite. This mineralization is found in diorite and in chlorite- and potassium feldspar-altered sediments adjacent to it.

At the head of Discovery Creek and Cobalt Cirque, mineralization consists of high grade, discontinuous blebs or crystal masses and locally, as conformable disseminated zones of chalcopyrite, cobaltite and pyrite. Narrow massive sulphide veins are common on the east and southeast end of the cirque as well as on the ridge to the west of Cobalt Cirque. Mineralization is associated with large zones of sericite alteration and directly associated with structurally-controlled zones of strong iron carbonate and quartz alteration.

Southwest of Cobalt Cirque, a small zone of fracture-controlled chalcopyrite is hosted in silicified and carbonate-altered siltites. Mineralization in this area is likely related to an interpreted fault which abuts Gillespie Lake Group dolomites on the south against Fairchild Lake Group siltites on the north.

A zone of albite and potassium feldspar-altered sediments occurs proximal to unmineralized hematite breccias in the southwest end of the property. Chalcopyrite, pyrite and weak malachite occur as fracture fillings and coatings along joints with minor malachite.

The Discovery showing located near the mouth of Discovery Creek is a quartz-chalcopyrite-carbonate vein hosted in the Gillespie Lake Group carbonates.

Mineralization at the Porphyry Showing is hosted in a syenite stock, diorite and heterolithic breccia. Chalcopyrite is the only copper sulphide present and is associated with minor pyrite and magnetite. The chalcopyrite occurs mostly as evenly distributed disseminated grains and less frequently as fracture coatings. The best results from the 1969 drilling include 0.75 % copper over 22.9 metres in hole 2. As noted by Caulfield, et. al., 1993 drill core from this drilling which is stored at the government core library in Whitehorse contains sections of copper mineralization which have not been sampled.

8.0 1997 EXPLORATION PROGRAM

Exploration work on the Dolores claims was carried out between June 19 to June 29, 1997. This work consisted of completing three NTW diamond drill holes totaling 337.39 metres (1107 feet) targeting the Porphyry Showing and a spatially associated airborne magnetic anomaly. Project management was looked after by Pamicon Developments under the supervision of Newmont, and drilling was completed by Falcon Diamond Drilling of Prince George.

This program was completed in conjunction with drilling at a number of other properties as part of the Fairchild Project. Field crews were based at the Copper Point base camp, where drill core was logged and is stored.

Drill hole locations are shown on Figure 4 and Plate 1, and drill hole data is listed in the following table.

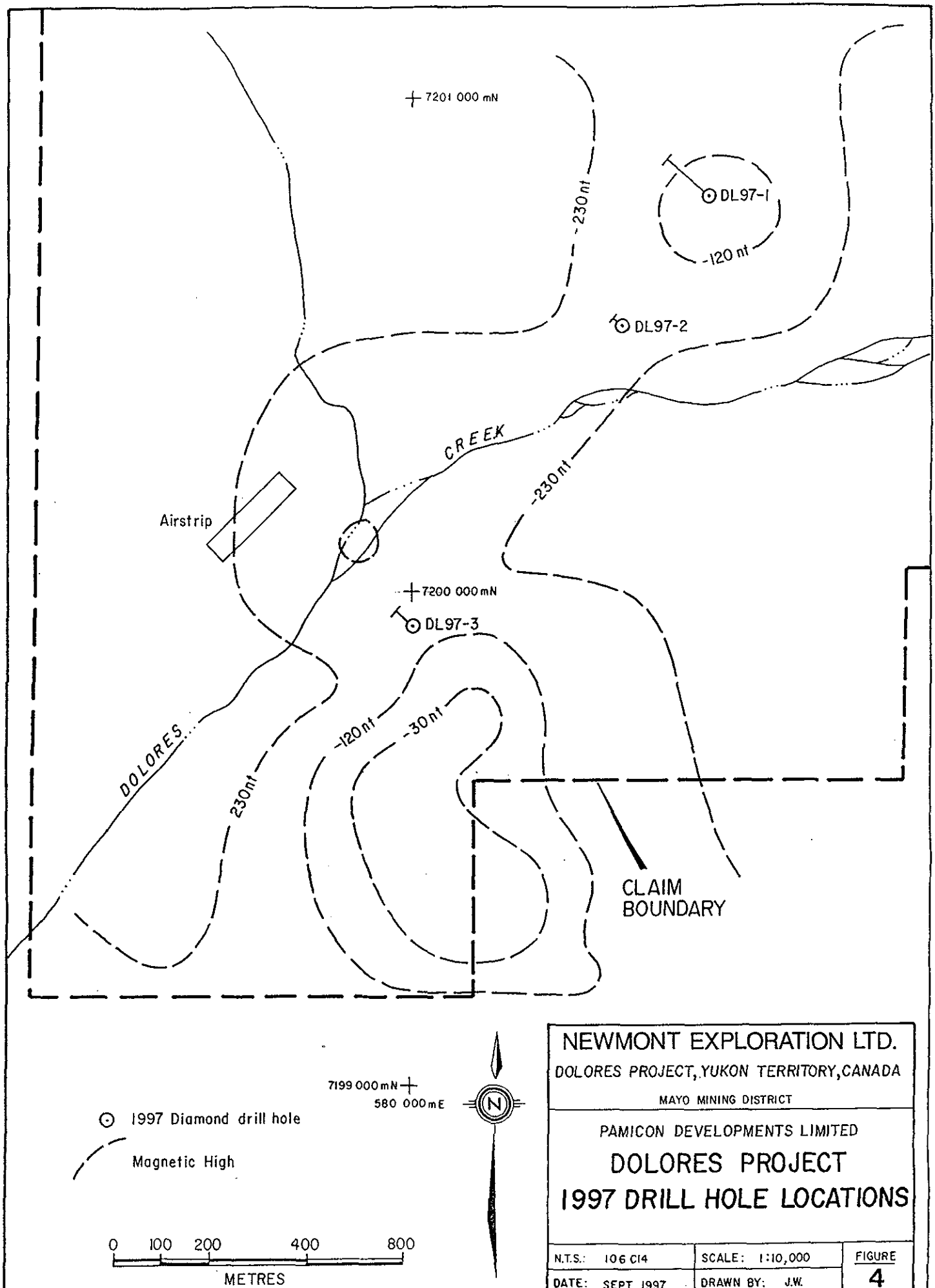
Table 8.0.1 Dolores Drill Hole Data

HOLE NUMBER	LOCATION (UTM)	LENGTH (FT.\M)	AZIM.\ DIP	DATE STARTED	DATE COMPLETED
DL97 - 1	7200804N 580620E	537'/ 163.67m	310°/-50°	25\06\97	27\06\97
DL97 - 2	7200540N 580440E	192'/ 58.51m	310°/-70°	27\06\97	28\06\97
DL97-3	7199930N 580005E	378'/ 115.21m	310°/-65°	28\06\97	29\06\97

Hole DL97 - 1 tested below a mineralized syenite outcrop at the south end of the known surface mineralization at the Porphyry Showing. This hole also tested a weak airborne magnetic anomaly. Hole DL97 - 2 was drilled 300 metres to the southwest of hole DL97 - 1 in an area of deeper overburden cover, the interpreted projection of the syenite. Hole DL97 - 3 was drilled 1000 metres to the southwest of DL97 - 1 at the flank of a similar magnetic feature to that located at hole DL97 - 1. Immediately to the east of hole DL97 - 3 contour soil samples from 1995 indicate anomalous copper, cobalt and gold.

Drill holes were logged and sampled in their entirety. Sampling was completed by using a diamond saw to cut the core in half allowing for half the core to be sent for assay and the remaining half of the core left in the core box.

Samples were sent to Chemex Labs in North Vancouver for preparation and analysis for gold, lanthanum and 24 element ICP. Full analytical procedures are appended to this report.



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DOLORES PROJECT
1997 DRILL HOLE LOCATIONS

N.T.S.: 106 C14	SCALE: 1:10,000	FIGURE 4
DATE: SEPT. 1997	DRAWN BY: J.W.	

9.0 RESULTS

Analytical results and drill logs are appended to this report.

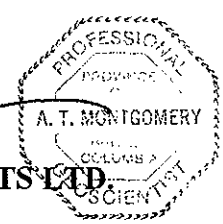
Analytical results from drilling included weakly anomalous copper values (up to 3140 ppm copper) and low gold values (highest value 165 ppb gold).

Hole DL97 - 1 (Plate 2) intersected a steeply dipping 35 metre wide (true width) syenite body below the mineralized outcrop targeted, as well as a short interval of syenite at the top of the hole. The main syenite body is non - magnetic and moderately sericite +\- chlorite altered. The syenite interval at the top of the hole is moderately magnetic and strongly chlorite altered. Much of the syenite is weakly mineralized with trace to 0.5% chalcopyrite +\- pyrite. Copper results from samples taken of the syenite frequently range up to between 100 ppm to near 1000 ppm. Gold results from this hole are near background values, to a high of 15 ppb. The syenite is bordered by potassic heterolithic Wernecke breccia. The hole bottomed in potassium feldspar altered metasomatised fine grained sediments. A narrow diorite dyke crosscuts the breccia in the upper part of the hole.

Hole DL97 - 2 (Plate 3) intersected 24 metres of glacial till overburden and then the remainder of the hole was in potassium feldspar altered metasomatised sediments. All gold and copper results are at background levels in this hole.

Hole DL97 - 3 (Plate 4) intersected moderately altered siltstone and heterolithic/ homolithic Wernecke breccia. Below 8 metres of glacial till overburden, the top 4 metres of the hole intersected fine grained, non - magnetic diorite. Minor chalcopyrite +/- pyrite mineralization occurs within the diorite and within the adjacent strongly altered siltstone. Copper values here across 7.0 metres range between 233 ppm and 1150 ppm copper, with gold values below detection. Near the lower contact between breccia and siltstone anomalous copper results range up to 3140 ppm copper. Two anomalous gold values of 165 ppb and 40 ppb also occur in this area. At these two above described zones of mineralization the copper mineralization occurs as chalcopyrite in late iron carbonate veinlets.

Respectfully submitted,



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Vancouver, B.C.
January, 1998

APPENDIX A

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APPENDIX B

ANALYTICAL PROCEDURES AND CERTIFICATES OF ANALYSIS

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9733386

Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON HOLE # DL97-1

CERTIFICATE A9733386

(BM W) - PAMICON DEVELOPMENTS LIMITED

Project: FAIRCHILD-DR
P.O. # : DL97-1

Samples submitted to our lab in Vancouver, BC.
This report was printed on 30-JUL-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	110	Geochem ring to approx 150 mesh
294	110	4-7 Kg crush and split
3202	110	Rock - save entire reject
214	2	Rcvd as pulp; mesh size checked
285	112	ICP - HF digestion charge
* NOTE	1:	

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	112	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
578	112	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	112	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	112	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	112	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	112	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	112	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	112	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	112	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	112	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	112	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	112	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	112	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	112	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	112	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	112	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	112	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	112	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	112	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	112	Pb ppm: 24 element, rock & core	AAS	2	10000
582	112	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	112	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	112	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	112	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	112	Zn ppm: 24 element, rock & core	ICP-AES	2	10000
1006	112	La ppm: 20 element, rock ID	ICP-AES	10	10000

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To: PAMICON DEVELOPMENTS LIMITED
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : FAIRCHILD-DR
Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON

Certificate Date: 30-JUL-97
Invoice No. :I9733386
P.O. Number :DL97-1
Account :BM W

CERTIFICATE OF ANALYSIS A9733386

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
N199401	205 294	< 5	< 0.2	6.05	40	2.0	2	5.12	< 0.5	37	26	971	6.33	0.03	1.33
N199402	205 294	< 5	< 0.2	6.19	60	2.5	4	5.49	< 0.5	44	36	863	4.72	0.08	1.76
N199403	205 294	< 5	< 0.2	6.67	50	4.5	2	4.64	< 0.5	20	62	938	9.34	0.06	1.17
N199404	205 294	< 5	< 0.2	7.11	70	2.5	2	4.12	< 0.5	37	59	843	8.32	0.10	2.13
N199405	205 294	< 5	< 0.2	7.55	80	2.5	< 2	2.59	< 0.5	55	62	319	7.82	0.23	2.57
N199406	205 294	< 5	< 0.2	7.22	830	1.0	2	6.23	< 0.5	20	48	69	5.48	5.26	1.32
N199407	205 294	< 5	< 0.2	6.98	1040	0.5	2	5.36	< 0.5	19	51	11	5.53	6.08	1.36
N199408	205 294	< 5	< 0.2	7.61	970	1.5	< 2	3.15	< 0.5	39	57	3	7.55	5.60	2.41
N199409	205 294	< 5	< 0.2	6.85	770	0.5	2	5.53	< 0.5	13	50	1	5.95	6.58	0.97
N199410	205 294	< 5	< 0.2	6.83	810	1.0	< 2	4.35	< 0.5	18	58	6	6.19	6.11	1.30
N199411	205 294	< 5	< 0.2	7.05	820	0.5	< 2	4.53	< 0.5	11	53	6	6.13	7.12	0.84
N199412	205 294	< 5	< 0.2	6.30	1110	0.5	< 2	5.53	< 0.5	13	57	1	4.68	6.14	0.96
N199413	205 294	< 5	< 0.2	6.53	1020	0.5	2	4.10	< 0.5	13	50	5	4.68	6.51	0.91
N199414	205 294	< 5	< 0.2	6.91	880	0.5	< 2	3.52	< 0.5	26	46	5	5.41	5.59	1.58
N199415	205 294	< 5	< 0.2	8.33	1330	1.5	2	0.46	< 0.5	57	48	< 1	7.77	5.57	3.44
N199416	205 294	< 5	< 0.2	8.05	1000	2.5	4	0.65	< 0.5	67	50	< 1	7.79	4.66	3.92
N199417	205 294	< 5	< 0.2	7.65	1260	1.0	< 2	2.05	< 0.5	27	56	4	5.59	6.01	1.78
N199418	205 294	< 5	< 0.2	8.42	620	1.5	2	1.33	< 0.5	30	54	4	6.17	3.28	1.91
N199419	205 294	< 5	< 0.2	7.97	280	1.5	< 2	2.60	< 0.5	13	58	4	5.90	1.27	0.96
N199420	205 294	< 5	< 0.2	7.58	830	1.0	< 2	3.46	< 0.5	18	51	1	4.85	5.03	1.24
N199421	205 294	< 5	< 0.2	7.79	1060	1.0	2	2.82	< 0.5	27	56	1	6.15	5.71	1.94
N199422	205 294	< 5	< 0.2	7.44	830	1.5	< 2	3.83	< 0.5	24	56	3	6.44	4.29	1.91
N199423	205 294	< 5	< 0.2	6.64	480	4.0	< 2	9.71	< 0.5	8	53	125	1.54	2.39	1.02
N199424	205 294	< 5	< 0.2	6.01	340	2.0	2	8.61	< 0.5	4	14	139	1.28	1.47	0.72
N199425	205 294	< 5	< 0.2	6.68	240	2.0	< 2	7.81	< 0.5	3	18	107	0.99	1.11	0.53
N199426	205 294	< 5	< 0.2	6.05	190	1.5	< 2	9.28	< 0.5	< 1	13	54	0.62	0.76	0.32
N199427	205 294	< 5	< 0.2	6.27	270	1.5	< 2	8.77	< 0.5	3	17	80	1.11	1.08	0.71
N199428	205 294	< 5	< 0.2	6.21	260	2.0	< 2	9.43	< 0.5	4	21	128	1.43	1.15	0.69
N199429	205 294	< 5	< 0.2	6.17	300	2.0	2	9.22	< 0.5	7	38	766	1.56	1.51	0.78
N199430	205 294	< 5	< 0.2	5.90	340	1.5	< 2	9.90	< 0.5	5	22	131	1.56	1.47	0.64
N199431	205 294	< 5	< 0.2	5.84	500	2.0	2	9.44	< 0.5	10	27	140	1.99	2.85	0.98
N199432	205 294	15	< 0.2	5.66	470	2.0	4	10.60	< 0.5	11	23	110	1.92	2.64	1.07
N199433	205 294	10	< 0.2	5.76	530	2.5	2	10.10	< 0.5	7	29	342	1.84	2.59	0.80
N199434	205 294	10	< 0.2	5.63	430	2.5	< 2	9.57	< 0.5	8	47	175	1.64	2.19	0.70
N199435	205 294	< 5	< 0.2	5.91	380	2.0	2	9.84	< 0.5	5	45	162	1.72	1.73	0.93
N199436	205 294	< 5	< 0.2	6.03	370	2.0	< 2	9.04	< 0.5	4	28	176	1.54	1.82	0.88
N199437	205 294	< 5	< 0.2	6.03	440	2.5	< 2	8.27	< 0.5	5	25	251	1.83	2.46	1.12
N199438	205 294	< 5	< 0.2	6.07	220	2.0	< 2	9.06	< 0.5	11	17	86	1.63	0.91	1.05
N199439	205 294	< 5	< 0.2	6.29	260	2.0	< 2	7.67	< 0.5	7	18	16	1.78	1.11	0.94
N199440	205 294	< 5	< 0.2	6.22	370	2.0	2	9.13	< 0.5	3	15	18	1.48	1.94	0.84

CERTIFICATION: Ian Bichler

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To: PAMICON DEVELOPMENTS LIMITED
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : FAIRCHILD-DR
Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON

Certificate Date: 30-JUL-97
Invoice No. : I9733386
P.O. Number : DL97-1
Account : BM W

CERTIFICATE OF ANALYSIS A9733386

SAMPLE	PREP CODE		Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)	La ppm ICP		
N199401	205	294	920	2	3.58	5	3540	< 2	69	1.03	63	< 10	24	70		
N199402	205	294	1045	3	3.26	16	3650	< 2	70	0.99	75	< 10	34	100		
N199403	205	294	940	5	4.33	11	620	< 2	82	0.23	85	< 10	20	60		
N199404	205	294	980	1	3.96	24	670	< 2	77	0.28	88	< 10	40	120		
N199405	205	294	760	1	3.99	32	740	< 2	73	0.26	69	< 10	52	70		
N199406	205	294	985	1	1.02	24	1040	< 2	55	0.31	57	< 10	16	90		
N199407	205	294	845	1	0.42	27	650	< 2	54	0.23	60	< 10	22	40		
N199408	205	294	615	1	0.33	54	680	< 2	51	0.26	66	< 10	40	20		
N199409	205	294	775	1	0.18	20	610	< 2	63	0.25	57	< 10	14	70		
N199410	205	294	655	1	0.26	27	640	< 2	57	0.20	67	< 10	20	60		
N199411	205	294	645	< 1	0.20	18	630	< 2	58	0.23	57	< 10	10	50		
N199412	205	294	810	2	0.15	19	640	< 2	62	0.23	51	< 10	10	60		
N199413	205	294	590	1	0.15	20	550	< 2	44	0.22	49	< 10	10	40		
N199414	205	294	520	< 1	0.37	38	570	< 2	44	0.21	54	< 10	18	40		
N199415	205	294	290	< 1	0.49	82	600	< 2	33	0.24	78	< 10	44	10		
N199416	205	294	325	< 1	0.94	100	630	< 2	36	0.22	79	< 10	52	10		
N199417	205	294	395	< 1	0.88	42	670	< 2	48	0.21	59	< 10	24	40		
N199418	205	294	315	< 1	3.70	40	650	< 2	63	0.23	59	< 10	26	30		
N199419	205	294	480	< 1	5.27	20	720	< 2	89	0.19	59	< 10	10	30		
N199420	205	294	580	< 1	1.79	26	600	< 2	60	0.24	53	10	12	60		
N199421	205	294	505	< 1	1.26	36	580	< 2	48	0.21	66	< 10	22	40		
N199422	205	294	675	1	2.10	33	660	< 2	59	0.20	66	< 10	20	40		
N199423	205	294	1745	1	2.09	17	1680	< 2	108	0.13	39	< 10	10	200		
N199424	205	294	1730	1	2.67	9	2610	< 2	107	0.15	29	10	6	310		
N199425	205	294	1425	1	3.79	9	2440	< 2	96	0.15	26	10	4	80		
N199426	205	294	1550	2	4.01	6	2250	< 2	114	0.15	16	< 10	< 2	60		
N199427	205	294	2010	3	3.58	8	2410	< 2	114	0.17	25	10	2	170		
N199428	205	294	1950	4	2.69	8	2590	< 2	102	0.22	24	10	4	140		
N199429	205	294	1950	1	2.72	8	2520	< 2	104	0.16	30	10	2	100		
N199430	205	294	2150	3	2.63	7	2690	< 2	117	0.14	30	10	< 2	80		
N199431	205	294	2340	19	0.51	14	2950	< 2	101	0.14	39	10	2	250		
N199432	205	294	2540	42	0.73	13	2910	< 2	112	0.16	35	< 10	< 2	150		
N199433	205	294	2380	24	0.98	11	3050	< 2	116	0.14	36	< 10	< 2	290		
N199434	205	294	1895	20	1.35	11	3020	< 2	87	0.20	34	10	2	190		
N199435	205	294	2260	4	2.21	10	3170	< 2	102	0.21	31	10	6	160		
N199436	205	294	2310	4	2.25	9	3080	< 2	109	0.19	30	< 10	< 2	170		
N199437	205	294	2450	7	1.33	13	3350	< 2	102	0.19	36	10	2	100		
N199438	205	294	2280	1	3.66	11	3160	< 2	133	0.19	30	< 10	2	60		
N199439	205	294	1975	1	3.57	13	3210	< 2	121	0.14	27	< 10	2	70		
N199440	205	294	2090	< 1	2.25	10	3180	< 2	147	0.23	27	10	2	60		

CERTIFICATION: Peter H. Bradley

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SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
N199441	205	294	< 5	< 0.2	5.91	490	2.5	< 2	9.71	< 0.5	9	35	39	1.76	2.91	1.14
N199442	205	294	< 5	< 0.2	5.91	380	2.0	2	9.45	< 0.5	6	21	14	1.55	2.14	0.95
N199443	205	294	< 5	< 0.2	6.25	350	2.0	< 2	9.26	< 0.5	5	17	10	1.12	1.94	0.62
N199444	205	294	< 5	< 0.2	5.97	300	2.0	2	10.45	< 0.5	3	15	16	0.92	1.62	0.51
N199445	205	294	< 5	< 0.2	6.20	380	2.5	2	9.35	< 0.5	4	32	7	1.08	1.99	0.54
N199446	205	294	< 5	< 0.2	5.91	180	2.0	2	10.25	< 0.5	4	13	6	1.18	0.84	0.67
N199447	205	294	< 5	< 0.2	6.51	200	2.0	2	10.05	< 0.5	5	26	5	1.18	0.81	0.74
N199448	214	285	500	2.0	3.35	2820	0.5	2	0.37	2.0	5	89	127	1.43	0.97	0.19
N199449	205	294	45	< 0.2	6.45	140	1.5	6	9.68	< 0.5	10	22	9	1.51	0.49	0.99
N199450	205	294	< 5	< 0.2	6.69	290	2.0	< 2	8.28	< 0.5	5	46	39	1.51	1.31	0.71
N199451	205	294	< 5	< 0.2	6.36	340	2.0	< 2	7.71	< 0.5	2	18	8	1.62	1.44	0.61
N199452	205	294	< 5	< 0.2	6.04	440	3.0	2	8.42	< 0.5	15	34	7	3.92	2.41	2.67
N199453	205	294	< 5	< 0.2	7.44	620	2.5	< 2	3.01	< 0.5	28	55	1	5.65	3.96	3.54
N199454	205	294	< 5	< 0.2	7.43	1730	1.0	< 2	4.61	< 0.5	11	58	5	5.62	4.68	1.40
N199455	205	294	< 5	< 0.2	7.78	1780	1.0	< 2	4.28	< 0.5	7	56	3	5.14	3.44	1.46
N199456	205	294	< 5	< 0.2	7.82	1250	1.0	2	4.83	< 0.5	12	55	1	4.62	3.70	1.11
N199457	205	294	< 5	< 0.2	8.05	930	1.5	< 2	4.51	< 0.5	7	60	1	4.35	0.65	0.86
N199458	205	294	< 5	< 0.2	8.30	1440	2.0	< 2	4.74	< 0.5	9	58	< 1	3.60	0.76	0.88
N199459	205	294	< 5	< 0.2	7.82	7730	1.5	2	4.54	0.5	12	50	1	4.22	3.48	1.22
N199460	205	294	< 5	< 0.2	7.82	6660	1.5	2	4.40	0.5	14	58	< 1	5.03	2.96	1.55
N199461	205	294	< 5	< 0.2	7.60	6290	1.0	4	4.76	0.5	13	55	< 1	4.84	4.92	1.43
N199462	205	294	< 5	< 0.2	7.73	6940	2.5	< 2	3.13	0.5	16	56	< 1	4.58	4.27	1.81
N199463	205	294	< 5	< 0.2	7.05	7480	2.0	2	4.76	0.5	14	48	< 1	5.13	6.25	1.66
N199464	205	294	< 5	< 0.2	7.20	8530	1.5	2	3.49	0.5	27	55	< 1	5.61	5.84	2.47
N199465	205	294	15	< 0.2	7.12	2780	2.5	10	4.18	< 0.5	22	57	1	4.51	4.14	1.82
N199466	205	294	< 5	< 0.2	7.71	860	3.0	< 2	3.99	< 0.5	17	63	< 1	4.46	1.70	1.50
N199467	205	294	< 5	< 0.2	8.13	1470	2.0	< 2	4.56	< 0.5	24	62	< 1	4.79	1.97	1.75
N199468	214	285	6720	2.0	3.27	410	2.0	2	1.93	2.0	17	183	189	2.95	0.68	0.16
N199469	205	294	< 5	< 0.2	7.89	2150	2.0	< 2	5.01	< 0.5	19	57	< 1	4.71	2.17	1.60
N199470	205	294	< 5	< 0.2	7.48	970	2.0	< 2	5.27	< 0.5	17	52	< 1	4.24	2.57	1.55
N199471	205	294	< 5	< 0.2	7.56	640	2.0	< 2	5.18	< 0.5	11	51	< 1	3.61	2.53	1.28
N199472	205	294	< 5	< 0.2	7.41	520	2.0	< 2	5.44	< 0.5	9	46	1	3.85	1.86	1.34
N199473	205	294	< 5	< 0.2	7.86	600	1.5	< 2	4.75	< 0.5	14	61	< 1	4.14	2.21	1.41
N199474	205	294	< 5	< 0.2	8.42	660	2.0	2	2.49	< 0.5	18	70	< 1	4.75	3.22	1.88
N199475	205	294	< 5	< 0.2	7.93	590	2.0	< 2	2.26	< 0.5	10	65	1	4.38	2.90	1.54
N199476	205	294	< 5	< 0.2	8.42	580	2.0	< 2	2.91	< 0.5	13	66	1	4.90	3.03	1.77
N199477	205	294	< 5	< 0.2	8.28	630	2.0	2	2.46	< 0.5	18	65	1	4.53	2.55	1.97
N199478	205	294	< 5	0.8	6.35	210	1.5	< 2	4.76	< 0.5	15	50	209	4.86	1.00	1.10
N199479	205	294	< 5	< 0.2	7.27	610	1.5	2	4.83	< 0.5	10	58	335	5.35	2.87	1.28
N199480	205	294	< 5	< 0.2	7.67	610	1.5	< 2	3.14	< 0.5	11	53	5	4.70	2.49	1.53

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : FAIRCHILD-DR
Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON

Certificate Date: 30-JUL-97
Invoice No. : 19733386
P.O. Number : DL97-1
Account : BM W

CERTIFICATE OF ANALYSIS A9733386

SAMPLE	PREP CODE		Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)	La ppm ICP		
N199441	205	294	2460	1	0.54	12	3100	< 2	120	0.15	33	< 10	6	10		
N199442	205	294	2510	2	1.66	10	3200	< 2	116	0.22	29	< 10	10	90		
N199443	205	294	1895	< 1	2.25	8	3180	< 2	112	0.21	27	< 10	4	200		
N199444	205	294	1970	< 1	2.57	7	2910	< 2	118	0.21	21	10	< 2	60		
N199445	205	294	1820	1	2.20	7	3270	< 2	104	0.16	29	< 10	2	70		
N199446	205	294	1910	2	3.55	9	2890	4	121	0.16	20	< 10	6	60		
N199447	205	294	1880	3	4.09	12	3050	6	135	0.20	29	10	10	50		
N199448	214	285	30	123	0.05	52	1940	260	155	0.19	568	20	46	40		
N199449	205	294	1760	1	4.26	14	2970	4	132	0.19	19	< 10	16	60		
N199450	205	294	1455	< 1	3.68	11	3100	< 2	97	0.17	26	< 10	8	50		
N199451	205	294	1360	< 1	3.17	8	2810	< 2	89	0.15	26	10	6	50		
N199452	205	294	1725	1	0.85	30	2100	< 2	96	0.21	41	< 10	30	280		
N199453	205	294	630	1	1.53	40	890	< 2	52	0.24	55	< 10	36	110		
N199454	205	294	975	2	2.61	23	690	< 2	77	0.17	66	< 10	10	40		
N199455	205	294	1050	2	3.41	25	580	< 2	79	0.14	63	< 10	4	30		
N199456	205	294	565	1	3.64	36	660	< 2	74	0.14	62	< 10	6	70		
N199457	205	294	460	1	5.90	33	690	< 2	115	0.13	60	< 10	10	50		
N199458	205	294	440	2	6.00	32	650	< 2	123	0.12	58	10	8	70		
N199459	205	294	450	1	3.52	33	610	< 2	182	0.21	59	< 10	6	60		
N199460	205	294	440	2	3.64	34	680	< 2	209	0.25	67	< 10	8	30		
N199461	205	294	465	1	2.09	29	670	< 2	300	0.26	61	< 10	8	30		
N199462	205	294	340	2	1.99	32	630	< 2	140	0.24	66	10	10	60		
N199463	205	294	490	1	0.25	26	620	< 2	200	0.21	56	< 10	8	60		
N199464	205	294	590	2	0.45	33	640	< 2	206	0.24	65	< 10	20	40		
N199465	205	294	480	< 1	1.69	29	680	< 2	93	0.22	59	< 10	10	60		
N199466	205	294	465	< 1	4.88	38	570	< 2	86	0.16	63	< 10	12	30		
N199467	205	294	555	1	4.52	44	580	< 2	111	0.20	75	< 10	10	40		
N199468	214	285	30	19	0.05	123	10000	300	388	0.10	1115	60	222	10		
N199469	205	294	665	< 1	4.30	34	640	< 2	107	0.20	75	< 10	8	40		
N199470	205	294	670	1	4.28	32	620	< 2	88	0.18	67	< 10	8	70		
N199471	205	294	675	1	3.38	23	570	< 2	69	0.20	76	< 10	2	50		
N199472	205	294	835	< 1	4.10	18	580	< 2	76	0.19	64	< 10	< 2	40		
N199473	205	294	680	< 1	4.38	28	640	< 2	71	0.20	66	< 10	4	70		
N199474	205	294	550	< 1	4.61	35	670	< 2	67	0.17	77	< 10	8	90		
N199475	205	294	510	< 1	4.70	25	640	< 2	58	0.14	69	< 10	10	70		
N199476	205	294	630	1	4.66	27	660	< 2	65	0.16	78	< 10	4	40		
N199477	205	294	580	< 1	4.27	38	670	< 2	63	0.16	75	< 10	8	60		
N199478	205	294	750	2	3.90	9	1220	< 2	66	0.34	59	< 10	14	80		
N199479	205	294	785	6	3.80	11	1180	< 2	67	0.24	69	< 10	6	70		
N199480	205	294	590	< 1	4.09	25	600	< 2	62	0.19	76	< 10	4	50		

CERTIFICATION: _____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Page Number :3-A
Total Pages :3
Certificate Date: 30-JUL-97
Invoice No. :19733386
P.O. Number :DL97-1
Account :BM W

Project : FAIRCHILD-DR
Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON

CERTIFICATE OF ANALYSIS A9733386

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
N199481	205	294	< 5	< 0.2	8.30	600	1.5	2	4.23	< 0.5	11	75	1	4.58	2.98	1.65
N199482	205	294	< 5	< 0.2	7.83	650	2.0	2	4.81	< 0.5	10	74	< 1	3.93	3.32	1.81
N199483	205	294	< 5	< 0.2	7.54	620	2.0	2	5.00	< 0.5	11	65	< 1	4.27	3.40	1.69
N199484	205	294	< 5	< 0.2	8.13	750	3.0	< 2	5.09	< 0.5	12	71	< 1	4.58	4.13	2.06
N199485	205	294	< 5	< 0.2	8.31	620	3.0	< 2	3.38	< 0.5	17	75	< 1	4.88	3.58	2.18
N199486	205	294	< 5	< 0.2	7.45	430	2.0	2	4.31	< 0.5	12	64	< 1	4.42	2.44	1.65
N199487	205	294	< 5	< 0.2	8.28	500	2.0	< 2	3.21	< 0.5	15	69	< 1	4.97	2.09	1.74
N199488	205	294	< 5	< 0.2	8.29	410	2.5	2	3.16	< 0.5	14	68	1	5.40	2.15	2.06
N199489	205	294	< 5	< 0.2	8.84	460	2.5	< 2	2.73	< 0.5	15	76	< 1	5.92	2.53	2.11
N199490	205	294	< 5	< 0.2	8.24	230	2.5	< 2	3.78	< 0.5	20	69	< 1	4.98	1.46	2.16
N199491	205	294	< 5	< 0.2	8.23	260	2.5	2	3.57	< 0.5	21	70	1	5.67	1.06	2.09
N199492	205	294	< 5	< 0.2	7.88	140	2.5	< 2	4.68	< 0.5	16	69	1	5.93	0.84	1.56
N199493	205	294	< 5	< 0.2	7.82	100	2.5	< 2	5.06	< 0.5	18	63	< 1	5.59	0.48	1.52
N199494	205	294	< 5	< 0.2	7.81	90	2.5	< 2	4.86	< 0.5	17	63	< 1	6.09	0.54	1.53
N199495	205	294	< 5	< 0.2	7.98	270	2.5	2	3.95	< 0.5	21	66	< 1	4.82	1.50	1.71
N199496	205	294	< 5	< 0.2	7.05	380	2.0	< 2	3.91	< 0.5	17	59	< 1	4.72	2.34	1.51
N199497	205	294	< 5	< 0.2	8.02	290	2.5	< 2	4.84	< 0.5	13	61	< 1	4.40	1.71	1.37
N199498	205	294	< 5	< 0.2	7.06	400	2.0	2	4.61	< 0.5	16	53	3	4.93	2.56	1.19
N199499	205	294	< 5	< 0.2	7.57	720	1.5	2	4.03	< 0.5	19	54	< 1	5.94	4.13	1.47
N199500	205	294	< 5	< 0.2	7.70	320	2.0	< 2	5.41	< 0.5	14	55	< 1	5.23	2.06	1.17
N200551	205	294	< 5	< 0.2	7.31	510	3.0	< 2	4.71	< 0.5	14	56	< 1	5.74	2.26	1.75
N200552	205	294	< 5	< 0.2	7.34	590	2.5	2	4.98	< 0.5	15	56	< 1	5.47	3.52	1.27
N200553	205	294	< 5	< 0.2	7.24	310	2.5	4	1.26	< 0.5	31	39	1	7.84	2.12	2.72
N200554	205	294	< 5	< 0.2	6.95	770	5.0	< 2	0.43	< 0.5	37	45	< 1	8.37	3.93	3.87
N200555	205	294	< 5	< 0.2	7.53	490	5.0	2	1.19	< 0.5	30	56	< 1	7.09	4.26	3.31
N200556	205	294	< 5	< 0.2	7.46	530	2.5	2	3.27	< 0.5	12	53	4	4.47	3.32	2.43
N200557	205	294	< 5	< 0.2	7.59	660	3.0	2	2.54	< 0.5	21	53	4	5.61	3.89	2.73
N200558	205	294	< 5	< 0.2	8.06	1010	2.0	< 2	2.05	< 0.5	16	58	3	5.21	4.83	2.09
N200559	205	294	< 5	< 0.2	8.77	820	3.0	2	1.43	< 0.5	22	64	1	5.21	4.78	2.38
N200560	205	294	< 5	< 0.2	8.05	570	1.5	< 2	3.01	< 0.5	7	48	1	3.98	3.37	1.94
N200561	205	294	< 5	< 0.2	8.30	660	1.0	< 2	2.44	< 0.5	5	51	< 1	3.90	3.60	1.46
N200562	205	294	< 5	< 0.2	8.87	740	2.5	< 2	1.31	< 0.5	19	65	1	5.09	3.91	2.02

CERTIFICATION:_____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED *
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : FAIRCHILD-DR
Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON

Certificate Date: 30-JUL-97
Invoice No. : I9733386
P.O. Number : DL97-1
Account : BM W

CERTIFICATE OF ANALYSIS A9733386

SAMPLE	PREP CODE		Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)	La ppm ICP		
N199481	205	294	835	< 1	4.68	18	650	< 2	69	0.14	68	< 10	6	40		
N199482	205	294	865	< 1	4.03	23	620	< 2	71	0.14	65	< 10	2	50		
N199483	205	294	865	< 1	3.17	26	620	< 2	70	0.17	75	< 10	2	40		
N199484	205	294	1075	< 1	2.22	28	680	< 2	62	0.16	96	< 10	2	30		
N199485	205	294	765	1	3.10	40	640	< 2	64	0.16	85	< 10	10	40		
N199486	205	294	745	< 1	4.25	27	620	< 2	68	0.13	64	< 10	6	10		
N199487	205	294	590	< 1	5.10	33	720	< 2	78	0.14	73	< 10	6	70		
N199488	205	294	655	< 1	5.04	38	680	< 2	79	0.15	82	< 10	14	160		
N199489	205	294	625	1	5.09	37	670	< 2	74	0.16	90	< 10	14	80		
N199490	205	294	660	< 1	5.43	39	600	< 2	73	0.14	69	< 10	16	30		
N199491	205	294	750	< 1	5.70	42	660	< 2	82	0.16	76	< 10	14	70		
N199492	205	294	615	< 1	5.50	33	640	< 2	77	0.18	77	< 10	12	40		
N199493	205	294	555	1	5.57	30	580	< 2	79	0.14	71	< 10	14	20		
N199494	205	294	540	< 1	5.59	33	610	< 2	74	0.14	77	< 10	12	30		
N199495	205	294	500	3	5.07	38	540	< 2	71	0.13	66	< 10	14	80		
N199496	205	294	475	1	3.88	40	540	< 2	63	0.12	62	< 10	14	60		
N199497	205	294	535	< 1	5.17	33	570	< 2	76	0.12	59	< 10	12	120		
N199498	205	294	575	1	3.54	31	660	< 2	60	0.13	61	< 10	8	60		
N199499	205	294	555	< 1	2.66	41	580	< 2	53	0.16	69	< 10	8	60		
N199500	205	294	675	< 1	4.57	29	600	< 2	66	0.14	63	< 10	8	50		
N200551	205	294	955	1	3.96	54	610	< 2	65	0.15	63	< 10	8	90		
N200552	205	294	575	< 1	2.82	25	660	< 2	62	0.19	66	< 10	6	50		
N200553	205	294	310	< 1	2.97	43	700	< 2	53	0.29	235	< 10	24	< 10		
N200554	205	294	220	< 1	0.68	63	690	< 2	48	0.31	224	< 10	28	50		
N200555	205	294	375	< 1	1.27	46	720	< 2	37	0.27	143	< 10	22	130		
N200556	205	294	1595	< 1	2.30	24	600	< 2	49	0.17	67	< 10	8	80		
N200557	205	294	1245	< 1	1.37	30	610	< 2	43	0.20	68	< 10	18	40		
N200558	205	294	1085	1	1.22	34	650	< 2	53	0.22	75	< 10	14	10		
N200559	205	294	670	< 1	1.80	41	760	< 2	63	0.23	74	< 10	18	30		
N200560	205	294	1580	1	3.08	18	670	< 2	70	0.16	58	< 10	6	40		
N200561	205	294	1215	1	3.67	16	600	< 2	82	0.15	58	< 10	4	10		
N200562	205	294	605	< 1	2.12	35	680	< 2	53	0.22	85	< 10	20	60		

CERTIFICATION: _____

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9733363

Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON HOLE # DL97-3

CERTIFICATE A9733363

(BM W) - PAMICON DEVELOPMENTS LIMITED

Project: FAIRCHILD-DL
P.O.#: DL97-3

Samples submitted to our lab in Vancouver, BC.
This report was printed on 30-JUL-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	72	Geochem ring to approx 150 mesh
294	72	4-7 Kg crush and split
3202	72	Rock - save entire reject
214	1	Rcvd as pulp; mesh size checked
285	73	ICP - HF digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	73	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
578	73	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	73	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	73	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	73	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	73	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	73	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	73	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	73	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	73	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	73	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	73	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	73	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	73	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	73	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	73	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	73	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	73	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	73	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	73	Pb ppm: 24 element, rock & core	AAS	2	10000
582	73	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	73	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	73	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	73	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	73	Zn ppm: 24 element, rock & core	ICP-AES	2	10000
1006	73	La ppm: 20 element, rock ID	ICP-AES	10	10000

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To: PAMICON DEVELOPMENTS LIMITED
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : FAIRCHILD-DL
Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON

Certificate Date: 30-JUL-97
Invoice No. :19733363
P.O. Number :DL97-3
Account :BM W

CERTIFICATE OF ANALYSIS A9733363

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
N200651	205 294	< 5	< 0.2	8.51	320	0.5	< 2	2.44	< 0.5	51	66	233	5.86	2.65	3.85
N200652	205 294	< 5	< 0.2	8.40	170	0.5	< 2	0.89	< 0.5	59	65	292	7.48	1.31	4.02
N200653	205 294	< 5	< 0.2	7.47	170	0.5	< 2	2.95	< 0.5	38	50	388	5.43	1.12	3.17
N200654	205 294	< 5	< 0.2	4.99	330	0.5	< 2	3.56	< 0.5	428	42	173	11.05	1.45	2.69
N200655	205 294	< 5	< 0.2	6.33	450	1.5	< 2	4.04	< 0.5	161	49	1150	5.28	2.49	1.97
N200656	205 294	< 5	< 0.2	5.53	680	0.5	< 2	4.95	< 0.5	18	31	24	4.11	2.12	2.23
N200657	205 294	< 5	< 0.2	5.49	630	0.5	< 2	5.87	< 0.5	10	31	6	4.18	1.85	2.58
N200658	205 294	< 5	< 0.2	6.05	870	< 0.5	< 2	3.82	< 0.5	8	32	4	3.44	3.19	1.68
N200659	205 294	< 5	< 0.2	6.11	860	< 0.5	< 2	4.23	0.5	8	32	6	3.44	2.89	1.87
N200660	205 294	< 5	< 0.2	5.86	860	< 0.5	< 2	4.92	< 0.5	8	34	20	3.62	2.82	2.12
N200661	205 294	< 5	< 0.2	6.13	650	1.5	< 2	4.53	0.5	7	41	105	3.56	2.49	1.80
N200662	205 294	< 5	< 0.2	6.74	670	2.0	< 2	4.34	< 0.5	7	62	52	3.55	2.60	1.63
N200663	205 294	< 5	< 0.2	6.04	780	1.5	< 2	4.51	< 0.5	9	39	19	3.98	3.30	1.98
N200664	205 294	< 5	< 0.2	5.73	620	1.5	< 2	6.86	< 0.5	6	31	60	3.55	2.58	1.99
N200665	214 285	350	0.2	7.96	850	2.0	< 2	1.24	0.5	9	59	71	3.22	2.12	0.82
N200666	205 294	< 5	< 0.2	6.29	740	2.0	< 2	6.12	< 0.5	6	45	46	3.34	2.61	1.20
N200667	205 294	< 5	< 0.2	5.69	930	2.0	< 2	6.32	< 0.5	6	46	158	2.81	2.58	1.61
N200668	205 294	< 5	< 0.2	6.79	1020	2.0	< 2	4.93	0.5	9	38	8	4.14	4.29	1.77
N200669	205 294	< 5	< 0.2	7.49	920	2.5	< 2	4.93	0.5	8	40	3	4.26	3.77	1.83
N200670	205 294	< 5	< 0.2	5.91	1150	0.5	< 2	5.02	< 0.5	6	40	1	3.13	2.07	1.44
N200671	205 294	< 5	< 0.2	6.23	810	1.5	< 2	5.22	< 0.5	5	53	1	3.26	3.36	1.33
N200672	205 294	< 5	< 0.2	6.26	740	2.5	< 2	4.93	< 0.5	5	56	7	3.14	3.04	1.27
N200673	205 294	< 5	< 0.2	5.79	900	1.5	< 2	5.76	< 0.5	9	60	47	3.87	2.39	1.84
N200674	205 294	< 5	< 0.2	5.67	800	0.5	< 2	5.05	< 0.5	6	33	6	3.48	3.04	1.88
N200675	205 294	< 5	< 0.2	5.85	830	1.0	< 2	4.16	< 0.5	7	33	19	3.60	3.67	1.69
N200676	205 294	< 5	< 0.2	6.39	630	0.5	< 2	4.25	< 0.5	5	29	29	2.79	2.83	1.30
N200677	205 294	< 5	< 0.2	6.36	770	0.5	2	3.19	< 0.5	5	38	34	3.46	3.39	1.27
N200678	205 294	< 5	< 0.2	6.07	710	0.5	< 2	3.36	< 0.5	12	36	234	3.57	2.45	1.08
N200679	205 294	< 5	< 0.2	5.76	690	0.5	< 2	4.79	< 0.5	5	35	165	3.99	2.77	1.94
N200680	205 294	< 5	< 0.2	6.45	770	2.0	< 2	4.06	< 0.5	7	41	67	3.69	4.69	1.76
N200681	205 294	< 5	< 0.2	5.69	830	2.0	< 2	4.47	< 0.5	8	31	33	3.52	4.03	1.77
N200682	205 294	40	< 0.2	5.57	680	2.5	< 2	4.65	< 0.5	19	45	3140	3.42	3.45	2.26
N200683	205 294	< 5	< 0.2	6.39	780	2.0	< 2	2.50	< 0.5	4	56	495	4.06	3.67	1.24
N200684	205 294	< 5	< 0.2	6.11	1100	1.0	< 2	3.07	< 0.5	7	60	441	4.23	5.09	1.38
N200685	205 294	< 5	< 0.2	5.42	780	1.0	< 2	3.75	< 0.5	7	27	30	4.82	3.19	1.69
N200686	205 294	< 5	< 0.2	6.50	620	1.5	2	2.35	< 0.5	5	36	7	5.10	2.77	1.08
N200687	205 294	< 5	< 0.2	6.62	600	1.5	< 2	2.32	< 0.5	13	35	4	4.63	2.81	1.05
N200688	205 294	< 5	< 0.2	6.19	710	1.5	< 2	3.62	< 0.5	20	33	27	4.49	2.74	1.54
N200689	205 294	< 5	< 0.2	6.20	720	1.5	< 2	4.02	< 0.5	17	35	39	4.14	3.73	1.35
N200690	205 294	< 5	< 0.2	5.87	760	1.0	< 2	4.51	< 0.5	9	31	42	3.56	3.30	1.59

CERTIFICATION: Ivan Bucklen

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : FAIRCHILD-DL
Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON

Certificate Date: 30-JUL-97
Invoice No. : I9733363
P.O. Number : DL97-3
Account : BM W

CERTIFICATE OF ANALYSIS A9733363

SAMPLE	PREP CODE		Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)	La ppm ICP		
N200651	205	294	1160	< 1	3.20	81	350	< 2	37	0.45	249	< 10	28	< 10		
N200652	205	294	530	< 1	3.27	85	370	< 2	34	0.59	279	< 10	46	10		
N200653	205	294	1280	< 1	4.14	40	680	< 2	50	0.21	123	< 10	30	< 10		
N200654	205	294	1620	7	2.16	50	990	< 2	32	0.14	178	< 10	30	< 10		
N200655	205	294	2050	3	3.18	32	670	< 2	39	0.18	103	< 10	12	30		
N200656	205	294	2660	< 1	2.31	20	590	< 2	39	0.18	57	< 10	10	50		
N200657	205	294	3290	< 1	2.55	17	550	< 2	39	0.15	50	< 10	8	30		
N200658	205	294	2060	2	2.74	13	590	< 2	34	0.15	51	< 10	8	50		
N200659	205	294	2270	< 1	2.76	15	600	< 2	36	0.16	50	< 10	8	50		
N200660	205	294	2680	< 1	2.86	16	620	< 2	43	0.16	46	< 10	8	30		
N200661	205	294	2360	< 1	2.52	22	590	< 2	41	0.12	53	< 10	8	50		
N200662	205	294	2110	< 1	2.98	25	680	< 2	44	0.13	64	< 10	8	50		
N200663	205	294	2480	< 1	2.46	22	650	< 2	42	0.14	57	< 10	8	10		
N200664	205	294	2670	< 1	2.54	20	650	< 2	57	0.13	52	< 10	8	30		
N200665	214	285	695	1	1.34	24	640	20	286	0.37	101	10	102	40		
N200666	205	294	1680	< 1	2.34	18	600	< 2	56	0.15	59	< 10	8	30		
N200667	205	294	2070	3	2.19	20	560	< 2	53	0.11	55	< 10	8	10		
N200668	205	294	1585	< 1	2.33	22	630	12	53	0.19	61	< 10	8	80		
N200669	205	294	1350	< 1	1.64	31	610	< 2	43	0.22	70	< 10	10	60		
N200670	205	294	1745	< 1	2.86	15	550	< 2	50	0.17	49	< 10	6	30		
N200671	205	294	1720	< 1	2.25	20	560	< 2	46	0.14	55	< 10	8	50		
N200672	205	294	1595	< 1	1.85	30	580	< 2	41	0.13	60	< 10	8	70		
N200673	205	294	2200	< 1	1.85	40	590	< 2	51	0.21	71	< 10	8	40		
N200674	205	294	2320	< 1	2.99	24	600	< 2	44	0.18	50	< 10	8	40		
N200675	205	294	2400	< 1	2.20	23	620	< 2	38	0.14	67	< 10	8	50		
N200676	205	294	2020	< 1	3.60	12	690	< 2	36	0.17	51	< 10	8	10		
N200677	205	294	2160	< 1	3.32	15	600	< 2	38	0.14	55	< 10	6	30		
N200678	205	294	2180	1	3.15	12	630	< 2	38	0.13	49	< 10	8	30		
N200679	205	294	3410	1	2.39	18	550	< 2	43	0.11	52	< 10	8	30		
N200680	205	294	2770	< 1	1.45	25	660	< 2	41	0.13	61	< 10	10	40		
N200681	205	294	3100	< 1	0.57	24	590	< 2	42	0.09	50	< 10	10	40		
N200682	205	294	3150	10	0.52	29	510	< 2	38	0.08	40	< 10	8	30		
N200683	205	294	1590	< 1	1.51	22	550	< 2	26	0.16	58	< 10	12	40		
N200684	205	294	2210	< 1	1.10	18	550	< 2	28	0.16	60	< 10	10	30		
N200685	205	294	2700	< 1	1.42	16	480	< 2	34	0.17	55	< 10	6	10		
N200686	205	294	1620	< 1	2.95	16	600	< 2	32	0.22	68	< 10	6	80		
N200687	205	294	1550	< 1	3.02	17	600	< 2	31	0.22	66	< 10	6	60		
N200688	205	294	2440	< 1	2.33	21	580	< 2	35	0.20	68	10	8	20		
N200689	205	294	2400	< 1	2.33	19	600	< 2	39	0.20	62	< 10	6	60		
N200690	205	294	2880	1	1.99	18	520	< 2	39	0.16	55	< 10	6	< 10		

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : FAIRCHILD-DL
Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON

Page Number :2-A
Total Pages :2
Certificate Date: 30-JUL-97
Invoice No. : I9733363
P.O. Number : DL97-3
Account : BM W

CERTIFICATE OF ANALYSIS A9733363

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
N200691	205	294	< 5	< 0.2	6.04	690	2.0	< 2	5.20	< 0.5	12	38	38	3.26	3.20	1.51
N200692	205	294	165	< 0.2	4.66	620	2.0	< 2	6.56	< 0.5	15	34	103	2.81	2.94	1.64
N200693	205	294	< 5	< 0.2	5.52	800	2.0	< 2	4.67	< 0.5	10	33	90	3.24	2.80	1.74
N200694	205	294	< 5	< 0.2	5.39	680	1.5	< 2	5.87	< 0.5	17	34	18	4.33	3.31	2.53
N200695	205	294	< 5	< 0.2	5.70	770	1.5	< 2	5.46	< 0.5	17	32	21	4.41	2.51	2.33
N200696	205	294	< 5	< 0.2	6.62	720	2.0	< 2	4.60	< 0.5	17	42	51	4.97	3.73	2.05
N200697	205	294	< 5	< 0.2	5.82	820	1.5	< 2	4.27	< 0.5	14	59	7	4.29	3.28	1.99
N200698	205	294	< 5	< 0.2	5.97	810	1.5	< 2	3.95	< 0.5	15	35	8	3.68	4.56	1.99
N200699	205	294	< 5	< 0.2	6.67	910	2.0	< 2	2.68	< 0.5	8	67	16	1.89	4.61	1.44
N200700	205	294	< 5	< 0.2	5.88	940	1.5	< 2	3.23	< 0.5	16	60	27	3.69	3.71	1.43
N200801	205	294	< 5	< 0.2	5.80	940	1.5	< 2	4.18	< 0.5	15	61	88	4.49	3.66	1.74
N200802	205	294	< 5	< 0.2	5.79	1140	1.5	< 2	3.27	< 0.5	12	38	25	4.21	4.15	1.35
N200803	205	294	< 5	< 0.2	6.05	1150	1.5	< 2	2.93	< 0.5	13	56	25	4.29	3.69	1.23
N200804	205	294	< 5	< 0.2	6.33	950	1.5	< 2	3.04	< 0.5	13	54	27	4.54	3.95	1.30
N200805	205	294	< 5	< 0.2	5.37	1020	1.5	< 2	4.40	< 0.5	16	40	34	4.38	3.19	1.88
N200806	205	294	< 5	< 0.2	5.54	1060	1.5	< 2	3.31	< 0.5	12	42	20	4.02	3.52	1.48
N200807	205	294	< 5	< 0.2	6.50	850	1.5	< 2	3.55	< 0.5	15	55	4	4.13	4.17	1.64
N200808	205	294	< 5	< 0.2	7.01	870	1.5	< 2	3.25	< 0.5	18	57	4	4.11	3.96	1.56
N200809	205	294	< 5	< 0.2	6.90	940	2.0	< 2	3.75	< 0.5	16	59	51	4.37	4.54	1.81
N200810	205	294	< 5	1.2	6.14	850	1.5	< 2	4.24	< 0.5	13	28	23	4.03	3.90	1.89
N200811	205	294	< 5	< 0.2	6.18	800	1.5	< 2	3.73	< 0.5	13	34	79	4.23	3.61	1.66
N200812	205	294	< 5	< 0.2	6.43	770	2.0	< 2	4.31	0.5	15	39	35	4.20	4.12	1.96
N200813	205	294	< 5	< 0.2	6.20	710	2.0	< 2	4.65	< 0.5	15	29	29	4.09	4.22	2.12
N200814	205	294	< 5	< 0.2	6.44	690	2.0	< 2	3.50	< 0.5	12	36	6	4.27	3.72	1.62
N200815	205	294	< 5	< 0.2	6.73	930	2.0	< 2	5.15	< 0.5	13	41	117	4.31	3.92	2.45
N200816	205	294	< 5	< 0.2	6.56	950	2.0	< 2	3.41	< 0.5	9	35	22	3.50	4.25	1.53
N200817	205	294	< 5	< 0.2	6.21	800	1.5	< 2	4.05	< 0.5	12	31	6	3.47	3.94	1.72
N200818	205	294	< 5	< 0.2	6.47	890	2.0	< 2	3.20	< 0.5	11	50	7	3.49	4.52	1.44
N200819	205	294	< 5	< 0.2	6.84	960	1.5	< 2	2.71	< 0.5	11	36	5	3.78	4.27	1.20
N200820	205	294	< 5	< 0.2	6.28	870	1.5	< 2	5.72	< 0.5	11	26	14	4.49	4.07	2.49
N200821	205	294	< 5	< 0.2	7.29	750	2.0	< 2	7.08	< 0.5	15	29	22	4.84	4.12	3.40
N200822	205	294	< 5	< 0.2	7.22	600	1.5	< 2	4.22	< 0.5	7	33	28	4.27	3.44	1.86
N200823	205	294	< 5	< 0.2	7.90	630	2.0	< 2	5.81	< 0.5	13	31	13	4.54	4.34	2.72

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : FAIRCHILD-DL
Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON

Page Number :2-B
Total Pages :2
Certificate Date: 30-JUL-97
Invoice No. : I9733363
P.O. Number : DL97-3
Account : BM W

CERTIFICATE OF ANALYSIS A9733363

SAMPLE	PREP CODE		Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)	La ppm ICP		
N200691	205	294	2720	< 1	1.52	24	580	< 2	40	0.23	54	< 10	6	10		
N200692	205	294	3620	225	1.16	25	710	< 2	32	0.12	46	< 10	12	30		
N200693	205	294	3040	4	1.30	21	550	< 2	31	0.17	47	< 10	8	20		
N200694	205	294	3600	1	1.87	18	510	< 2	32	0.20	60	< 10	6	10		
N200695	205	294	3240	< 1	1.95	19	620	< 2	35	0.21	61	< 10	8	20		
N200696	205	294	2990	< 1	2.26	23	740	< 2	31	0.25	77	< 10	8	30		
N200697	205	294	2840	< 1	1.85	15	600	< 2	32	0.22	66	< 10	16	30		
N200698	205	294	2610	< 1	1.61	18	620	< 2	29	0.17	65	< 10	8	20		
N200699	205	294	1910	< 1	1.42	17	710	< 2	29	0.20	40	< 10	10	50		
N200700	205	294	2260	< 1	1.06	18	550	< 2	25	0.17	62	< 10	8	10		
N200801	205	294	3070	1	1.15	23	570	< 2	31	0.20	62	10	8	50		
N200802	205	294	2400	1	1.23	17	530	< 2	28	0.18	60	< 10	6	30		
N200803	205	294	2130	< 1	1.58	17	580	< 2	30	0.21	63	< 10	6	60		
N200804	205	294	2210	< 1	1.66	21	580	< 2	27	0.20	65	< 10	6	30		
N200805	205	294	3050	< 1	1.01	22	580	< 2	31	0.16	57	< 10	8	40		
N200806	205	294	2250	< 1	0.98	20	570	< 2	25	0.17	60	< 10	6	40		
N200807	205	294	2540	< 1	1.27	20	600	< 2	33	0.16	62	< 10	6	20		
N200808	205	294	2260	< 1	1.63	21	650	< 2	33	0.17	73	< 10	6	60		
N200809	205	294	2640	< 1	0.88	25	600	< 2	32	0.21	71	< 10	6	30		
N200810	205	294	2980	< 1	1.19	18	500	< 2	37	0.15	49	< 10	8	30		
N200811	205	294	2810	< 1	1.25	21	510	< 2	36	0.19	55	< 10	6	30		
N200812	205	294	3100	< 1	1.26	26	660	< 2	35	0.18	62	< 10	8	30		
N200813	205	294	3320	< 1	1.10	21	590	< 2	35	0.17	55	< 10	6	50		
N200814	205	294	2480	1	1.51	23	630	< 2	32	0.16	67	< 10	8	50		
N200815	205	294	3050	< 1	1.13	23	670	< 2	40	0.17	66	10	8	40		
N200816	205	294	2620	< 1	1.15	21	600	< 2	34	0.15	62	< 10	6	30		
N200817	205	294	3180	1	1.42	21	540	< 2	41	0.16	54	< 10	8	10		
N200818	205	294	2420	< 1	0.93	21	570	< 2	35	0.17	62	< 10	8	60		
N200819	205	294	2150	< 1	1.34	20	590	< 2	31	0.17	67	< 10	8	40		
N200820	205	294	3700	< 1	1.21	19	530	< 2	44	0.18	61	< 10	8	30		
N200821	205	294	3420	< 1	1.24	24	700	< 2	36	0.20	69	< 10	10	30		
N200822	205	294	3030	< 1	2.42	22	720	< 2	37	0.19	64	< 10	8	10		
N200823	205	294	3210	< 1	2.35	25	750	< 2	38	0.18	68	< 10	10	20		

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
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To: PAMICON DEVELOPMENTS LIMITED
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

A9733357

Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON HOLE #DL97-2

CERTIFICATE A9733357

(BM W) - PAMICON DEVELOPMENTS LIMITED

Project: FAIRCHILD-DR
P.O. # : DL97-2

Samples submitted to our lab in Vancouver, BC.
This report was printed on 31-JUL-97.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	24	Geochem ring to approx 150 mesh
226	24	0-3 Kg crush and split
3202	24	Rock - save entire reject
214	1	Rcvd as pulp; mesh size checked
285	25	ICP - HF digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	25	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
578	25	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	25	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	25	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	25	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	25	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	25	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	25	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	25	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	25	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	25	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	25	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	25	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	25	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	25	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	25	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	25	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	25	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	25	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	25	Pb ppm: 24 element, rock & core	AAS	2	10000
582	25	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	25	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	25	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	25	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	25	Zn ppm: 24 element, rock & core	ICP-AES	2	10000
1006	25	La ppm: 20 element, rock ID	ICP-AES	10	10000

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: PAMICON DEVELOPMENTS LIMITED
FAIRCHILD PROJECT
611 - 675 W. HASTINGS ST.
VANCOUVER, BC
V6B 1N2

Project : FAIRCHILD-DR
Comments: ATTN:MIKE STAMMERS CC:RICHARD GORTON

Certificate Date: 30-JUL-97
Invoice No. : I9733357
P.O. Number : DL97-2
Account : BM W

CERTIFICATE OF ANALYSIS A9733357

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
N200601	205	226	< 5	< 0.2	6.03	180	3.0	< 2	3.02	< 0.5	99	50	84	6.99	0.38	1.85
N200602	205	226	< 5	2.0	7.94	1480	2.0	< 2	4.39	< 0.5	18	78	9	4.16	4.56	2.11
N200603	205	226	< 5	1.6	7.77	1610	1.5	< 2	4.50	< 0.5	12	62	7	4.09	3.98	1.36
N200604	205	226	< 5	< 0.2	7.94	1880	2.5	< 2	3.72	< 0.5	13	72	5	3.91	4.66	1.67
N200605	205	226	< 5	< 0.2	8.27	2080	2.0	< 2	2.73	< 0.5	17	68	3	4.04	4.99	1.60
N200606	205	226	< 5	< 0.2	7.83	1580	2.0	< 2	4.26	< 0.5	13	68	3	4.87	4.21	1.86
N200607	205	226	< 5	< 0.2	7.80	4270	2.0	< 2	3.31	< 0.5	14	63	2	4.65	3.81	1.56
N200608	205	226	< 5	0.4	6.42	1150	1.5	< 2	7.08	< 0.5	11	54	10	4.09	2.97	2.73
N200609	205	226	< 5	< 0.2	7.75	1080	2.5	< 2	3.32	< 0.5	11	63	3	4.26	4.00	1.56
N200610	205	226	< 5	1.0	6.64	2150	1.5	< 2	4.41	< 0.5	3	62	1	4.08	3.57	1.56
N200611	205	226	< 5	0.6	7.93	2100	2.0	< 2	2.42	< 0.5	14	70	5	4.18	4.38	1.56
N200612	205	226	< 5	< 0.2	7.62	1170	1.5	< 2	3.74	< 0.5	11	67	4	4.77	4.27	1.42
N200613	205	226	< 5	< 0.2	7.33	1320	3.0	< 2	4.61	< 0.5	15	73	5	3.50	3.51	1.87
N200614	214	285	435	< 0.2	2.74	1860	< 0.5	2	0.30	1.5	4	73	104	1.17	0.94	0.16
N200615	205	226	< 5	< 0.2	6.69	1730	1.5	< 2	4.59	< 0.5	11	58	3	3.88	4.70	1.18
N200616	205	226	< 5	1.8	8.12	2100	2.0	< 2	3.61	< 0.5	15	66	7	4.56	5.17	1.69
N200617	205	226	< 5	< 0.2	7.83	2030	2.0	< 2	3.98	< 0.5	14	67	3	4.75	3.85	1.87
N200618	205	226	< 5	< 0.2	7.90	1130	2.5	< 2	3.36	< 0.5	10	72	5	4.10	3.80	1.24
N200619	205	226	< 5	< 0.2	6.91	1230	1.5	< 2	4.74	< 0.5	7	45	1	4.52	3.06	2.22
N200620	205	226	< 5	< 0.2	7.05	810	1.5	< 2	3.87	< 0.5	8	54	3	4.84	3.11	2.18
N200621	205	226	< 5	< 0.2	7.68	1030	2.0	< 2	3.23	< 0.5	12	58	7	4.38	3.84	2.15
N200622	205	226	< 5	1.2	7.98	1380	2.0	< 2	2.42	< 0.5	14	61	7	4.47	4.00	1.70
N200623	205	226	< 5	< 0.2	7.28	1880	2.0	2	3.85	< 0.5	13	59	2	4.78	3.98	1.56
N200624	205	226	< 5	< 0.2	7.60	1600	1.5	< 2	4.06	< 0.5	5	63	1	4.28	4.21	1.17
N200625	205	226	< 5	< 0.2	7.56	1970	2.0	< 2	4.09	< 0.5	13	59	13	4.56	3.10	1.96

CERTIFICATION: _Hart Bichler_

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Analytical Chemists * Geochemists * Registered Assayers

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Project : FAIRCHILD-DR
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Page Number :1-B
Total Pages :1
Certificate Date: 30-JUL-97
Invoice No. :I9733357
P.O. Number :DL97-2
Account :BM W

CERTIFICATE OF ANALYSIS A9733357

SAMPLE	PREP CODE		Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)	La ppm ICP		
N200601	205	226	530	1	3.95	8	2640	< 2	39	0.46	33	< 10	24	40		
N200602	205	226	760	< 1	3.25	40	630	< 2	82	0.17	75	10	20	50		
N200603	205	226	745	< 1	3.32	32	700	< 2	77	0.13	69	10	14	40		
N200604	205	226	700	< 1	2.99	40	610	240	76	0.14	68	< 10	16	50		
N200605	205	226	475	< 1	2.77	38	720	< 2	78	0.14	72	< 10	18	40		
N200606	205	226	625	< 1	2.74	36	690	< 2	74	0.19	84	< 10	18	60		
N200607	205	226	825	< 1	2.90	34	740	< 2	143	0.15	77	< 10	14	50		
N200608	205	226	1245	< 1	3.02	16	560	< 2	83	0.14	62	< 10	14	10		
N200609	205	226	950	< 1	3.83	29	670	< 2	64	0.14	69	< 10	14	70		
N200610	205	226	1510	< 1	3.47	6	680	< 2	78	0.13	57	< 10	6	10		
N200611	205	226	535	< 1	2.66	38	670	< 2	77	0.16	73	< 10	14	100		
N200612	205	226	880	< 1	3.45	27	790	< 2	64	0.16	80	< 10	12	10		
N200613	205	226	965	< 1	3.67	35	670	< 2	75	0.15	63	< 10	16	50		
N200614	214	285	20	111	0.06	42	1660	< 2	131	0.16	463	20	42	40		
N200615	205	226	670	< 1	2.62	28	550	< 2	80	0.16	61	< 10	12	30		
N200616	205	226	555	< 1	2.73	43	600	< 2	84	0.17	76	10	16	30		
N200617	205	226	870	< 1	3.18	35	620	< 2	87	0.18	80	< 10	16	50		
N200618	205	226	675	< 1	3.72	27	670	< 2	62	0.16	71	10	14	60		
N200619	205	226	2070	< 1	3.66	6	640	< 2	75	0.14	60	< 10	8	40		
N200620	205	226	1925	< 1	3.92	10	660	< 2	65	0.14	64	< 10	10	120		
N200621	205	226	1405	< 1	3.94	18	700	< 2	69	0.15	65	< 10	12	60		
N200622	205	226	745	< 1	3.21	29	680	< 2	65	0.16	73	10	14	50		
N200623	205	226	940	< 1	3.37	23	690	< 2	98	0.13	73	< 10	12	30		
N200624	205	226	1170	< 1	3.33	12	690	< 2	76	0.13	63	< 10	8	70		
N200625	205	226	1270	< 1	3.74	23	770	< 2	103	0.17	68	< 10	10	50		

CERTIFICATION:

APPENDIX C

DIAMOND DRILL LOGS

PAMICON DEVELOPMENTS LIMITED

DRILL LOG

PROJECT: FAIRCHILD - DOLORES PROPERTY	GROUND ELEV.: ~ 1224m
HOLE NO.: DL97 - 1	BEARING: 310°
LOCATION: 580620 / 7200804 (pad located along old Cat road)	DIP: - 50°
	TOTAL LENGTH: 163.67m (537')
LOGGED BY: ATM	HORIZONTAL PROJECT: 108 m
DATE: 26/06/97	VERTICAL PROJECT: 126 m
CONTRACTOR: FALCON DRILLING	
CORE SIZE: NTW	
DATE STARTED: 25/06/97	
DATE COMPLETED: 27/06/97	
DIP TESTS: Etched 535° @ 537' / True 47°	

ALTERATION SCALE

absent
slight
moderate
intense – strong

TOTAL SULPHIDE SCALE

traces only
< 1%
1% – 3%
3% – 10%
> 10%

COMMENTS

Drilled to test mineralized syenite which occurs in outcrop at west end of Cat road.

LEGEND

CL - chloritic
SR - sericite
FECB - iron carbonate (ankerite?)
HE - hematitic

PAGE 1 OF 8 | PROJECT: DOLORES | HOLE NO. DL-97-1

DEPTH (m)	% RQD	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CL A	ALTERATION SR B	ALTERATION FECB C	ALTERATION HE D	ALTERATION KF E	FRACTURE INTENSITY	% VEIN QTZ.
					0 - 2.74 CASING							
					2.74 - 3.00 O/B							
	16	78			3.00 - 5.18 SYENITE (subcrop?) - Medium to fine grained, massive equigranular pinkish to maroon & green coloured, mod fractured, mod-strong, chlorite alt'n of groundmass & along fracturing; late calcite? veinlets, 0.5% cp diss & along fractures, v. weak malachite on fractures. 1st two feet of core moderately magnetic, after that not magnetic & increased cp.							
5.0												
	17	81						?				
	31	88										
	38	77										
10.0												
	34	95						?				
	63	92										
15.0					- @ 4m is a soil seam 5cm wide							
	43	89			5.18 - 23.00 HETEROLITHIC BRECCIA (Bht)							
	27	74			Maroon / grey & greenish (where ↑ Chlorite alt'n) colored, variably textured most commonly clast supported breccia of angular to sub-rounded, mm → >3cm diss size, aphanitic - f.g. massive to laminated, pink, red, maroon and grey coloured sedimentary? clasts poorly to non-sorted in a f.g. matrix of CL, HS, sericite?, carbonate?, and fine rock material, a weakly developed sorting or layering of the breccia is evident @ 60°-40° tca.; breccia is not magnetic; less common texture incl.: massive v.f.g. maroon to crackle brecciated, alt'n mod-strong inc KF mod-strong (mainly of clasts), chlorite (weak to mod), sericite? (weak), hematite (weak), calcite (weak as late clots/stringers)							
	73	92										
20.0												
	54	74		60°-40°				?				
	44	91										
25.0												
	44	93						?				
30.0												
	71	101						?				
	80	100										
35.00												
					23.00 - 25.70 DIORITE (?) dark green, v. fine grained, massive & red kf altd clasts?, non-magnetic, v. well fractured, contacts gradational suggest D1 post Bht.							
				70°	25.70 - 34.80 HETEROLITHIC BRECCIA (Bht) as 5.18...; more massive & remnant beds, less bx. 27.88 - 28.00 well fractured chlorite.							

CONT'D ON PAGE 5

PAGE 2 OF 8 | PROJECT: DOLORES | HOLE NO. DL 97-1

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	TO	WIDTH	SAMPLE NUMBER N1	ASSAYS Au	Cu
3.00 – 5.18 : ~0.5% diss + fracture controlled f.g.-m.g. CP in syenite. →		3.00	4.00	1.00	99401	<	971
		4.00	5.18	1.18	402	<	863
5.18 – 6.00 minor – 0.5% cp + v. weak mal. in chl altd Bht & syenite contact.		5.18	6.50	1.32	403	<	938
		6.50	8.00	1.50	404	<	843
		8.00	9.50	1.50	405	<	319
		9.50	11.00	1.50	406	<	69
		11.00	12.50	1.50	407	<	11
		12.50	14.00	1.50	408	<	3
		14.00	15.50	1.50	409	<	1
		15.50	17.00	1.50	410	<	6
		17.00	18.50	1.50	411	<	6
		18.50	20.00	1.50	412	<	1
		20.00	21.50	1.50	413	<	5
		21.50	23.00	1.50	414	<	5
		23.00	24.50	1.50	415	<	<1
		24.50	26.00	1.50	416	<	<1
		26.00	27.50	1.50	417	<	4
		27.50	29.00	1.50	418	<	4
		29.00	30.50	1.50	419	<	4
		30.50	32.00	1.50	420	<	1
		32.00	33.50	1.50	421	<	1
		33.50	34.80	1.30	422	<	3

PAGE 3 OF 8 | PROJECT: DOLORES | DL HOLE NO. 97-1

DEPTH (m)	% RQD	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CL (weak strong)	SR B	FECB C	HE D	E	FRACTURE INTENSITY	% VEIN QTZ.
					34.80–75.35 "SYENITE" - pinkish salmon to medium grey-green colour, massive texture of medium to coarse, pinkish feldspars 50–70% in a "felty" medium grained sericite matrix 30%–40%, med.-coarse quartz <10% and late iron carbonate as patchy disseminations and late veinlets, also chlorite alt'n is weak (to mod) occurring along fractures and less commonly as sericite in groundmass, very weak MnOx and hematite on fractures, in general core is weakly fractured.							
35.00				nb. non-magnetic								
	83	100										
	87	95										
40.00												
	130	130										
	46	97										
45.00												
	73	101										
	71	95										
50.00												
	15	77										
	57	113										
	72	97										
55.00												
	98	99										
60.00												
	101	102										
	77	93										
65.00												
	90	101										
70.00												
	108	108										
	96	96										
75.00												

- upr. contact v. sharp 50° tca, & marked by increased chlorite for ~ 1m into sy.

- @ 42.9 there's a 1cm scale fracture 60° tca & a 20cm selvage of intense clay alt'n

- 50.4 to 53.9 strong fracturing

- 75.35 lower contact is sharp @ 50° tca & several subangular clasts of syenite occur in Bnt for ~ 3m past contact, also Bnt chloritic alt'n at contact.

PAGE 4 OF 8 | PROJECT: DOLORES | HOLE NO. DL 97-1

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER N1	ASSAYS Au	ASSAYS Cu			
34.8 – 57.2: trace to <<0.5% cp ± rare py; avg. minor amounts (<<0.5%) over section; local accumulations of to 0.5% cp over <10cm of core; most of cp±py occurs in late fract veinlets + fractures, but there are a few examples of interstitial disseminations (eg. 57.0m).		34.80	36.00	1.20	99423	<	125			
		36.00	37.50	1.50	424	<	139			
		37.50	39.00	1.50	425	<	107			
		39.00	40.50	1.50	426	<	54			
		40.50	42.00	1.50	427	<	80			
		42.00	43.50	1.50	428	<	128			
		43.50	45.00	1.50	429	<	766			
		45.00	46.50	1.50	430	<	131			
		46.50	48.00	1.50	431	<	140			
		48.00	49.50	1.50	432	15	110			
		49.50	51.00	1.50	433	10	342			
		51.00	52.50	1.50	434	10	175			
		52.50	54.00	1.50	435	<	162			
		54.00	55.50	1.50	436	<	176			
		55.50	57.00	1.50	437	<	251			
		57.00	58.50	1.50	438	<	86			
		58.50	60.00	1.50	439	<	16			
		60.00	61.50	1.50	440	<	18			
		61.50	63.00	1.50	441	<	39			
		63.00	64.50	1.50	442	<	14			
		64.50	66.00	1.50	443	<	10			
		66.00	67.50	1.50	444	<	16			
		67.50	69.00	1.50	445	<	7			
		69.00	70.50	1.50	446	<				
		70.50	72.00	1.50	447	<	6			
		STANDARD			448	500	5			std. 902-33
		72.00	73.50	1.50	449	45	127			
		73.50	74.50	1.00	450	<	9			
		74.50	75.35	0.85	451	<	29			

N2/E2

PAGE 5 OF 8 | PROJECT: DOLORES | HOLE NO. DL 97-1

DEPTH (m)	% RQD	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CL A	SR B	FECB C	HE D	KF E	FRACTURE INTENSITY	% VEIN QTZ.
					75.35 - 95.50 HETEROLITHIC BRECCIA (Bht) as 5.18...; in general same Bht; slight decreased chlorite alt'n except @ upr contact to 77.5, higher % of clast poor sections non-magnetic.							
					75.35 - 77.5: several subangular syenite clasts to 10cm diam - suggests strongly Bht post-dates syenite.							
					81.8 - 85.5 - clasts absent, core is med grey colour rather than maroon (Kf), Na alt'n??							
					95.50 - 163.63 METASOMATISED SEDIMENTS / (Bht) maroon coloured f.g. - vfg mssu, crackle breccia to well laminated metasomatised sediments (v siltstone - sst), deep maroon colour - thought to reflect Kf + fine HE alteration (strong), weak CL on fractures, weak to mod. FECB as veinlets & diss. euhedral xstls. non-magnetic, minor Bht sections grade or intrude MS.							

PAGE 6 OF 8 | PROJECT: DOLORES | HOLE NO. 97-1

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH m	SAMPLE NUMBER N1	ASSAYS Au	ASSAYS Cu			
		75.35	76.00	65	99452	<	7			
		76.00	77.50	1.50	453	<	1			
none										
		77.50	79.00	1.50	454	<	5			
		79.00	80.50	1.50	455	<	3			
		80.50	82.00	1.50	456	<	1			
		82.00	83.50	1.50	457	<	1			
		83.50	85.00	1.50	458	<	<1			
		85.00	86.50	1.50	459	<	1			
		86.50	88.00	1.50	460	<	<1			
		88.00	89.50	1.50	461	<	<1			
		89.50	91.00	1.50	462	<	<1			
		91.00	92.50	1.50	463	<	<1			
		92.50	94.00	1.50	464	<	<1			
		94.00	95.50	1.50	465	15	1			
		95.50	97.00	1.50	466	<	<1			
		97.00	98.50	1.50	467	<	<1			
					468	6720	189			std. G03-161
		98.50	100.00	1.50	469	<	<1			
		100.00	101.50	1.50	470	<	<1			
		101.50	103.00	1.50	471	<	<1			
		103.00	104.50	1.50	472	<	1			
		104.50	106.00	1.50	473	<	<1			
		106.00	107.50	1.50	474	<	<1			
		107.50	109.00	1.50	475	<	1			
		109.00	110.50	1.50	476	<	1			
		110.50	112.00	1.50	477	<	1			
CAVE		112.00	113.50	1.50	478	8	209			this is cave incl. sy + stringers
		113.50	115.00	1.50	479	9	335			
		115.00	116.50	1.50	480	<	5			
		116.50	118.00	1.50	481	<	1			
		118.00	119.50	1.50	482	<	<1			
		119.50	124.00	1.50	483	<	<1			

PAGE 7 OF 8 | PROJECT: DOLORES | HOLE NO. 99-1

INT TH (m)	% RQD	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CL A	SR B	FELD C	HE D	KF E	FRACTURE INTENSITY	% VEIN QTZ.
	42	95										
125	72	100										
	68	98										
130	88	121										
	13	52										
	63	95										
135												
	92	100										
140	87	99										
				fault?	@ 142.5 - 143.2 m v. strong fracturing to brecciation & a few calcite-limonite veins @ 142.5							
60°	73	97										
145												
	90	99			@ 149.2 - 153.4 chlorite alt^n increases along is fracturing, CL mod							
150	69	98										
	43	99										
155												
	86	100										
60°	83	98										
160												
	49	102										
163.68 EOH					163.68 = EOH							

PAGE 8 OF 8 | PROJECT: DOLORES | HOLE NO: 97-1

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER N1	ASSAYS Au	ASSAYS Cu		
		121.0	122.50	1.50	99494	<	<1		
		122.50	124.00	1.50	485	<	<1		
		124.00	125.50	1.50	486	<	<1		
		125.50	127.00	1.50	487	<	<1		
		127.00	128.50	1.50	488	<	1		
		128.50	130.00	1.50	489	<	<1		
		130.00	131.50	1.50	490	<	<1		
		131.50	133.00	1.50	491	<	1		
		133.00	134.50	1.50	492	<	1		
		134.50	136.00	1.50	493	<	<1		
		136.00	137.50	1.50	494	<	<1		
		137.50	139.00	1.50	495	<	<1		
		139.00	140.50	1.50	496	<	<1		
		140.50	142.00	1.50	497	<	<1		
		142.00	143.50	1.50	498	<	3		
		143.50	145.00	1.50	499	<	<1		
		145.00	146.50	1.50	500	<	<1		
		146.50	148.00	1.50	N200 551	<	<1		
		148.00	149.50	1.50	552	<	<1		
		149.50	151.00	1.50	553	<	1		
		151.00	152.50	1.50	554	<	<1		
		152.50	154.00	1.50	555	<	<1		
		154.00	155.50	1.50	556	<	4		
		155.50	157.00	1.50	557	<	4		
		157.00	158.50	1.50	558	<	3		
		158.50	160.00	1.50	559	<	1		
		160.00	161.50	1.50	560	<	1		
		161.50	162.75	1.25	561	<	<1		
		162.75	163.68	0.93	562	<	1		

PAMICON DEVELOPMENTS LIMITED

DRILL LOG

PROJECT: FAIRCHILD – DOLORES PROPERTY	GROUND ELEV.: ~ 1160m
HOLE NO.: DL97-2	BEARING: 310°
LOCATION:	DIP: -70°
	TOTAL LENGTH: 58.51m (192')
LOGGED BY: ATM	HORIZONTAL PROJECT: 20m
DATE: 28/06/97	VERTICAL PROJECT: 55m
CONTRACTOR: FALCON	
CORE SIZE: NTW	
DATE STARTED: 27/06/97	
DATE COMPLETED: 28/06/97	
DIP TESTS: - none taken	

ALTERATION SCALE

absent
slight
moderate
intense

TOTAL SULPHIDE SCALE

traces only
< 1%
1% – 3%
3% – 10%
> 10%

COMMENTS:

Targeting SW projected extension of mineralized syenite / mag-anomaly

LEGEND

CL - Chlorite
SR - Sericite
FECB - Iron Carbonate
HE - Hematite

PAGE 1 OF 4 | PROJECT: DOLORES | HOLE NO. DL-97-2

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION kf A	ALTERATION He B	ALTERATION Cb C	ALTERATION CL D	ALTERATION E	FRACTURE INTENSITY	% VEIN QTZ.
				0 - 4.57 Casing							
				4.57 - 24.00 Glacial Till O/B							
5.0				24.00 - 58.52 Metasomatized Sediments							
				Maroon coloured, MSW to bedded v.f.g. - f.g., strongly kf + he? alt^{n} (reflected by maroon coloration), frequent late calcite (fecb?) fracture fillings; and rock is well fractured to mod. fractured with what looks like fracture filling matrix of muddy/sandy glacial till?, but solid rock and presumably finer bits are homolithic MS; matrix material prob. makes up ~ 10-30% of core; in places it's washed away to give a rubble of angular MS pebbles.							
10.0				(non-magnetic)							
15.0				minor chlorite alt'n on fractures							
20.0				nb. 23.00 - 23.47 is syenite, strongly magnetic, mod-strong chlorite alt^{n} 1-2% diss py; probably a O/B boulder?							
25.0				41.76 ≈ 44.80 - intensely fractured							
				44.80 - 58.52 - strongly fractured.							
30.0				44.80 - 48.00 - some cave mixed in core.							
35.0											
40.0											
45.0											

O/B (Glacial Till)

50 / 60°

PAGE 2 OF 4 | PROJECT: DOLORES | HOLE NO. DL-77-2

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER N	ASSAYS Au	ASSAYS Cu			
2% py in syenite ok?		23.00	23.47	0.47	200601	<	84			
		23.47	25.00	1.53	602	<	9			
none		25.00	26.50	1.50	603	<	7			
		26.50	28.00	1.50	604	<	5			
		28.00	29.50	1.50	605	<	3			
		29.50	31.00	1.50	606	<	3			
		31.00	32.50	1.50	607	<	2			
		32.50	34.00	1.50	608	<	10			
		34.00	35.50	1.50	609	<	3			
		35.50	37.00	1.50	610	<	1			
		37.00	38.50	1.50	611	<	5			
		38.50	40.00	1.50	612	<	4			
		40.00	41.50	1.50	613	<	5			
					614	435	104			Std. G02-83
		41.50	43.00	1.50	615	<	3			
		43.00	44.50	1.50	616	<	7			

PAGE 3 OF 4 | PROJECT: DOLORES | HOLE NO. DL 97-2

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A (kf)	ALTERATION B (He)	ALTERATION C (Cb)	ALTERATION D (Cl)	ALTERATION E	FRACTURE INTENSITY	% VEIN QTZ.
50.0											
55.0											
58.51m (EOH)				EOH = 58.52							

PAGE 4 OF 4 | PROJECT: DOLORES | HOLE NO. 97-2

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER N	ASSAYS Au	ASSAYS Cu		
		44.50	46.00	1.50	20617	<	3		
		46.00	47.50	1.50	618	<	5		
		47.50	49.00	1.50	619	<	1		
		49.00	50.50	1.50	620	<	3		
		50.50	52.00	1.50	621	<	7		
		52.00	53.50	1.50	622	<	7		
		53.50	55.00	1.50	623	<	2		
		55.00	56.50	1.50	624	<	1		
		56.50	58.52	2.02	625	<	13		

PAMICON DEVELOPMENTS LIMITED

DRILL LOG

PROJECT: FAIRCHILD - DOLORES	GROUND ELEV.: ~1065 m
HOLE NO.: DL 97 - 3	BEARING: 310°
LOCATION: Dolores 66 claim UTM 7,199,930N 580,005E	DIP: -65°
	TOTAL LENGTH: 115.2 m
LOGGED BY: ATM	HORIZONTAL PROJECT:
DATE: 29/06/97	VERTICAL PROJECT:
CONTRACTOR: FALCON	
CORE SIZE: NTW	
DATE STARTED: 28/06/97	
DATE COMPLETED: 29/06/97	
DIP TESTS:	

ALTERATION SCALE

absent
slight
moderate
intense

TOTAL SULPHIDE SCALE

traces only
< 1%
1% – 3%
3% – 10%
> 10%

COMMENTS

Drilled to the SW of Porphyry Showing to test a mag. high which occurs along a NE-SW trend between this area & the Porphyry Showing.

LEGEND

PAGE 1 OF 6 | PROJECT: DOLORES | HOLE NO. DL97-3

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Cl A	Feld B	Kf C	Sr D	He E	FRACTURE INTENSITY	% VEIN QTZ.
				0 - 3.05 CASING							
				3.05 - 8.53 O/B - TILL							
				8.53 - 12.90 DIORITE							
				medium green, f.g. massive, equigranular, non-magnetic, moderate chlorite altn, weak - moderate hematite as disseminations/ rare veinlets, mod. iron-carbonate as veinlets; minor chalcopyrite in feld veinlets, weak mal on a few fractures, also weak limonite on fractures.							
				11.9 - 12.9 - strongly altd to mottled grey qtz? - hem - sericite - iron cb				?			
				12.90 - 21.85 Siltstone (altered) - medium grey well bedded, mod kf? - ser altn (pervasive), weak iron carbonate veining, trace diss. py.				?			
				12.90 - 15.00 - strongly altd to a banded, mottled to brecciated zone of hematite, iron-carbonate, chlorite, kf, with ~ 1-2% diss f.g. py				?			
				21.85 - 31.30 Monolithic Breccia (Bhm) med. grey, clast supported, "jumble" of siltstone clasts; upper contact is gradational over <5cm, altn similar to above siltstone.				?			
				31.30 - 33.90 Heterolithic Breccia (Bht) grey clast to matrix supported, clasts variably strongly to weakly kf altd, matrix strongly (mainly) iron-carbonate + 1-2% specular hematite, contacts both ~ 50° ca.				?			
				33.90 - 57.50 Monolithic Breccia (Bhm) as 21.85, local zones of v. strong kf altn, minor cp associated w late feld units, sometimes with attendant kf altn envelopes.				?			

non-competent

PAGE 2 OF 6 | PROJECT: DOLORES | HOLE NO. DL-97-3

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au	ASSAYS Cu			
8.53 - 11.9 : minor - 0.5% chalcop. in feeb unlts										
11.9 - 12.90 : 0.5% diss cp, weak malachite on fractures										
12.90 - 15.00 : 1-2% f.g. diss pyrite										
15.00 - 57.50 : minor - trace f.g. pyrite, minor cp in feeb unlts.		8.53	10.00	1.47	200651	<	233			
		10.00	11.50	1.50	652	<	292			
		11.50	12.90	1.40	653	<	388			
		12.90	14.00	1.10	654	<	173			
		14.00	15.50	1.50	655	<	1150			
		15.50	17.00	1.50	656	<	24			
		17.00	18.50	1.50	657	<	6			
		18.50	20.00	1.50	658	<	4			
		20.00	21.50	1.50	659	<	6			
		21.50	23.00	1.50	660	<	20			
		23.00	24.50	1.50	661	<	105			
		24.50	26.00	1.50	662	<	52			
		26.00	27.50	1.50	663	<	19			
		27.50	29.00	1.50	664	<	60			
					665	350	71			std SN1-31
		29.00	30.50	1.50	666	<	46			
		30.50	31.30	0.80	667	<	158			
		31.30	32.50	1.20	668	<	8			
		32.50	33.90	1.40	669	<	3			
		33.90	35.50	1.60	670	<	1			
		35.50	37.00	1.50	671	<	1			
		37.00	38.50	1.50	672	<	7			
		38.50	40.00	1.50	673	<	47			
		40.00	41.50	1.50	674	<	6			
		41.50	43.00	1.50	675	<	19			
		43.00	44.50	1.50	676	<	29			

PAGE 3 OF 6 | PROJECT: DOLORES | HOLE NO. DL97-3

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Cl A	Fecb B	kf C	Sr D	Hc E	FRACTURE INTENSITY	% VEIN QTZ.
50.0											
55.0											
				57.50- Siltstone (Altered ~ metasomatised) similar in general to siltstone @ 12.90m; strong to mod kf altn, mod - weak hc; pink 1-3mm dia kf spots (altn halos) disseminated throughout usually centered on subhedral f.g. - m.g. pyrite; 1% diss pyrite, infrequent late carbonate (Fecb/calcite?) - qtz vnlts; upper contact gradational. minor late calcite? vnlts/fracture fillings.							
60.0											
				68.0-69.0 - 'bleached' (albite altn?) to lt. greenish-grey; fecb vnlt is 1% cp.							
70.0											
				77.80-79.0 - bleached to cream colour (albite? altn)							
75.0										XXX	
80.0											
85.0											
90.0											

50/30

PAGE 4 OF 6 | PROJECT: DOLORES | HOLE NO. 97-3

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au	ASSAYS Cu
		44.50	46.00	1.50	200677	<	34
		46.00	47.50	1.50	678	<	234
		47.50	49.00	1.50	679	<	165
		49.00	50.50	1.50	680	<	67
		50.50	52.00	1.50	681	<	33
		52.00	53.50	1.50	682	40	3140
		53.50	55.00	1.50	683	<	495
		55.00	56.50	1.50	684	<	441
57.50 - : ~1% diss pyrite		56.50	58.00	1.50	685	<	30
		58.00	59.50	1.50	686	<	7
		59.50	61.00	1.50	687	<	4
		61.00	62.50	1.50	688	<	27
		62.50	64.00	1.50	689	<	39
		64.00	65.50	1.50	690	<	42
		65.50	67.00	1.50	691	<	38
		67.00	68.50	1.50	692	165	103
		68.50	70.00	1.50	693	<	90
		70.00	71.50	1.50	694	<	18
		71.50	73.00	1.50	695	<	21
		73.00	74.50	1.50	696	<	57
		74.50	76.00	1.50	697	<	7
		76.00	77.50	1.50	698	<	8
		77.50	79.00	1.50	699	<	16
		79.00	80.50	1.50	700	<	27
		80.50	82.00	1.50	200801	<	88
		82.00	83.50	1.50	802	<	25
		83.50	85.00	1.50	803	<	25
		85.00	86.50	1.50	804	<	27
		86.50	88.00	1.50	805	<	34
		88.00	89.50	1.50	806	<	20
		89.50	91.00	1.50	807	<	4

PAGE 5 OF 6 | PROJECT: DOLORES | HOLE NO. 97-3

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A (Cl)	ALTERATION B (Fe-b)	ALTERATION C (kf)	ALTERATION D (Sr)	ALTERATION E (He)	FRACTURE INTENSITY	% VEIN QTZ.
95.0											
100.00										XXXXX	
105.0										XXXXX	
110.0										XXXXX	
115.0				115.21 = EOH							
120.0											
125.0											
130.0											

PAGE 6 OF 6 | PROJECT: DOLORES | HOLE NO. 97-3

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Au	ASSAYS Cu
		91.00	92.50	1.50	200808	<	4
		92.50	94.00	1.50	809	<	51
		94.00	95.50	1.50	810	<	23
		95.50	97.00	1.50	811	<	79
		97.00	98.50	1.50	812	<	35
		98.50	100.00	1.50	813	<	29
		100.00	101.50	1.50	814	<	6
		101.50	103.00	1.50	815	<	117
		103.00	104.50	1.50	816	<	22
		104.50	106.00	1.50	817	<	6
		106.00	107.50	1.50	818	<	7
		107.50	109.00	1.50	819	<	5
		109.00	110.50	1.50	820	<	14
		110.50	112.00	1.50	821	<	22
		112.00	113.50	1.50	822	<	28
		113.50	115.21	1.71	823	<	13

APPENDIX D

GEOLOGIST'S CERTIFICATE

GEOLOGIST'S CERTIFICATE

I, Allan Trevor Montgomery, of PH5 - 1178 Hamilton Street, Vancouver, in the Province of British Columbia, DO HEREBY CERTIFY:

1. THAT I am a geologist in the employ of Pamicon Developments Limited, with offices at Suite 611 - 675 West Hastings Street, Vancouver, British Columbia.

2. THAT I am a graduate of the University of British Columbia with a Bachelor of Science Degree in geology (Honours).

3. THAT my primary employment since 1985 has been in the field of mineral exploration.

4. THAT I am a member in good standing in The Association of Professional Engineers and Geoscientists of the Province of British Columbia, registration number 19929.

5. THAT this report is based on work completed on the property between June 19th and June 29th, 1997, and that this work was supervised by the author.

6. THAT I have no interest in the property described herein, nor in securities of any company associated with the property, nor do I expect to receive any such interest.

7. THAT I hereby grant permission to Newmont Exploration Limited for the use of this report in any documentation required by any regulatory authority.

DATED at Vancouver, B. C., this _____ day of _____, 1998.

_____

Allan Montgomery, P. Geo.

579,000 mE | 580,000 mE | 581,000 mE | 582,000 mE | 583,000 mE | 584,000 mE

7,204,000 mN | 7,203,000 mN | 7,202,000 mN | 7,201,000 mN | 7,200,000 mN | 7,199,000 mN

Cobalt cirque
Detailed map refer to
Caulfield, Stammers, Baknes
1993

TS Showing

DOLORES CLAIM BOUNDARY

97DL-1
AZ. 310° / Dip -50°
T.D. 163.7m
Porphyry showing
Detailed map refer to
Caulfield, Stammers, Baknes, 1993

97DL-2
AZ. 310° / Dip -70°
T.D. 58.5m

97DL-3
AZ. 310° / Dip -65°
T.D. 115.2m

Airstrip

DOLORES CLAIM BOUNDARY

EXPLANATION

GEOLOGY

- Antiform
- Synform
- Lineation (Slicks)
- Foliation (Inclined, Vertical)
- Bedding (Inclined, Overturned, Vertical)
- Slaty Cleavage
- Joint (Inclined, Vertical)
- Minor folds with style
- Vein
- Strike Slip Fault
- Normal Fault
- Approximate Fault
- Geological Contact
- Outcrop

LITHOLOGY

dold	Grey stromatolitic dolomite
dolc	Orange weathering dolomite
dolb	Buff to tan weathering dolomite
dola	Brown and grey weathering dolomite
arg	Argillite
hf	Hornfels
sh	Shale
sst	Sandstone
stt	Siltite
slts	Siltstone (dol slts – dolomitic siltstone)
ls	Limestone
ph	Phyllite
slt	Slate
sy	Syenite
di	Diorite
bht	Heterolithic breccia
bhm	Homolithic breccia

MAP AREA:
X: 578800 – 584800
Y: 7198000 – 7205000
Z: 0 – 10000
Units are meters.

Grid North

Magnetic Declination, 1995, for the center of this map is: 31° 18' East of True North
Annual Change West 14.2'

Grid North is 1° 33.2' East of True North for center of map

NTS Map 106 C/14

093754

0 M 100 200 300 400 500 600 700 800
0 Ft 400 800 1200 1600 2000 2400

Scale 1:10,000

NEWMONT EXPLORATION LTD.

PAMICON DEVELOPMENTS LTD., EQUITY ENGINEERING LTD.

DOLORES PROJECT, YUKON TERRITORY, CANADA
MAYO MINING DISTRICT

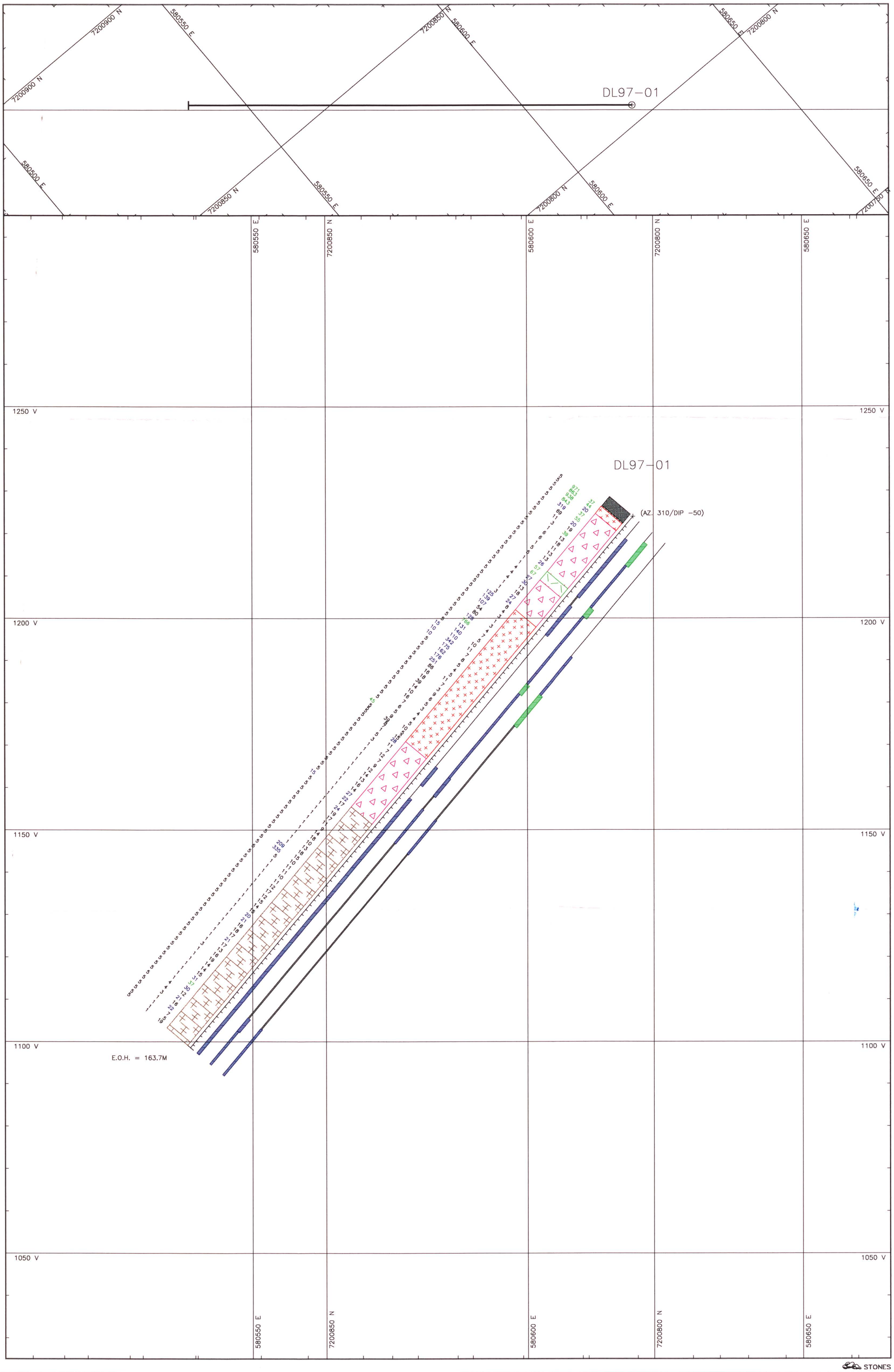
Plate 1

DOLORES 1-78 CLAIMS

Factual Geology Map

DIAND - YUKON REGION, LIBRARY

Compiled By: K. Owerko, J. Dickie	Date Drafted: 10/95 (Rev. 12/97)	Coordinate System: UTM ZONE 8
Drafted By: JRG	File Name: 97DL-GEO.DWG	Contour Interval: 20M



LITHOLOGY

- casing
- overburden
- heterolithic breccia – bht
- diorite
- metasomatized sediments
- syenite

AU ASSAYS IN PPB (Left Column)

- < 10
- 10 to 25
- 25 to 60
- 60 to 200
- >= 200

CU ASSAYS IN PPM (Center Column)

- < 100
- 100 to 500
- 500 to 2000
- 2000 to 6000
- >= 6000

CO ASSAYS IN PPM (Right Column)

- < 20
- 20 to 35
- 35 to 70
- 70 to 200
- >= 200

BAR GRAPHS: ALTERATION MINERALS

POTASSIUM FELDSPAR (left)
CHLORITE (center)
CARBONATE (right)

SECTION PLANE:
ORIGIN: (580505, 7200899, 1025)
AZM/INC: 130.0, 90.0
LENGTH: 210
HEIGHT: 270
THICK: 25.0 (on each side)
Units are (m).

093754

0 M 6 12 18 24 30 36
0 Ft 20 40 60 80 100 120

Scale 1:500

DWG (2)

STONES

NEWMONT EXPLORATION LTD.
PAMICON DEVELOPMENTS & EQUITY ENGINEERING

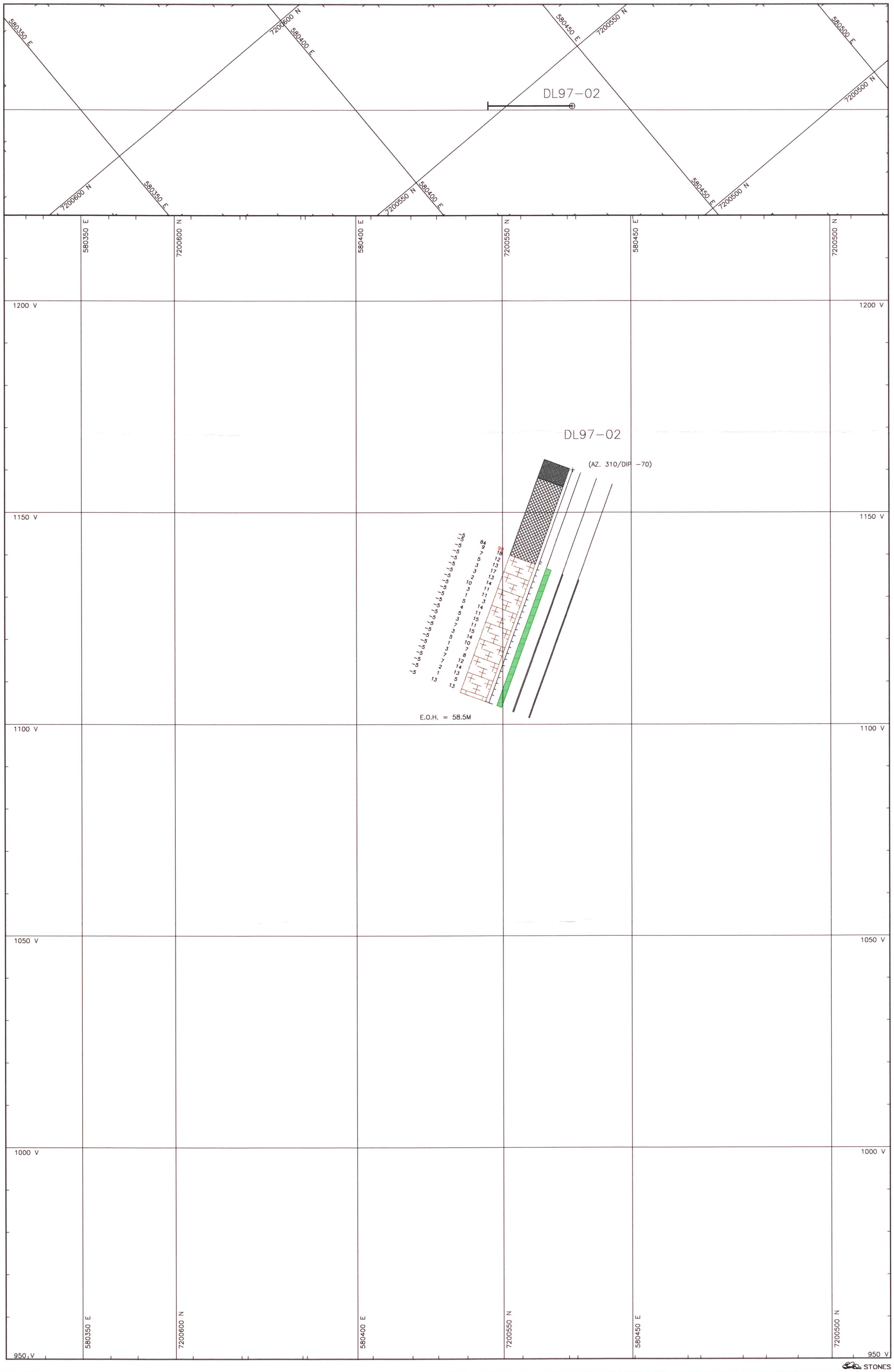
FAIRCHILD PROJECT, YUKON TERRITORY, CANADA
MAYO MINING DISTRICT

Plate 2 (2)

DOLORES 1 – 78 CLAIMS

Drill Hole DL97-01 Section

Compiled By: A. Montgomery	NTS MAP: 106 C-14	Coordinate System: UTM ZONE 8
Geologic Computing By: Terra Consulting, Reno NV.	Date Generated: 21-JAN-1998	File Name: 97FPDL01.DWG



LITHOLOGY

- casing
- overburden
- metasomatized sediments

AU ASSAYS IN PPB (Left Column)

- < 10
- 10 to 25
- 25 to 60
- 60 to 200
- >= 200

CU ASSAYS IN PPM (Center Column)

- < 100
- 100 to 500
- 500 to 2000
- 2000 to 6000
- >= 6000

CO ASSAYS IN PPM (Right Column)

- < 20
- 20 to 35
- 35 to 70
- 70 to 200
- >= 200

BAR GRAPHS: ALTERATION MINERALS

POTASSIUM FELDSPAR (left)
CHLORITE (center)
CARBONATE (right)

SECTION PLANE:
ORIGIN: (580336, 7200626, 950)
AZM/INC: 130.0, 90.0
LENGTH: 210
HEIGHT: 270
THICK: 25.0 (on each side)
Units are (m).

093754

0 M 6 12 18 24 30 36
0 Ft 20 40 60 80 100 120

Scale 1:500

DWG (3)

STONES

NEWMONT EXPLORATION LTD.
PAMICON DEVELOPMENTS & EQUITY ENGINEERING

FAIRCHILD PROJECT, YUKON TERRITORY, CANADA
MAYO MINING DISTRICT

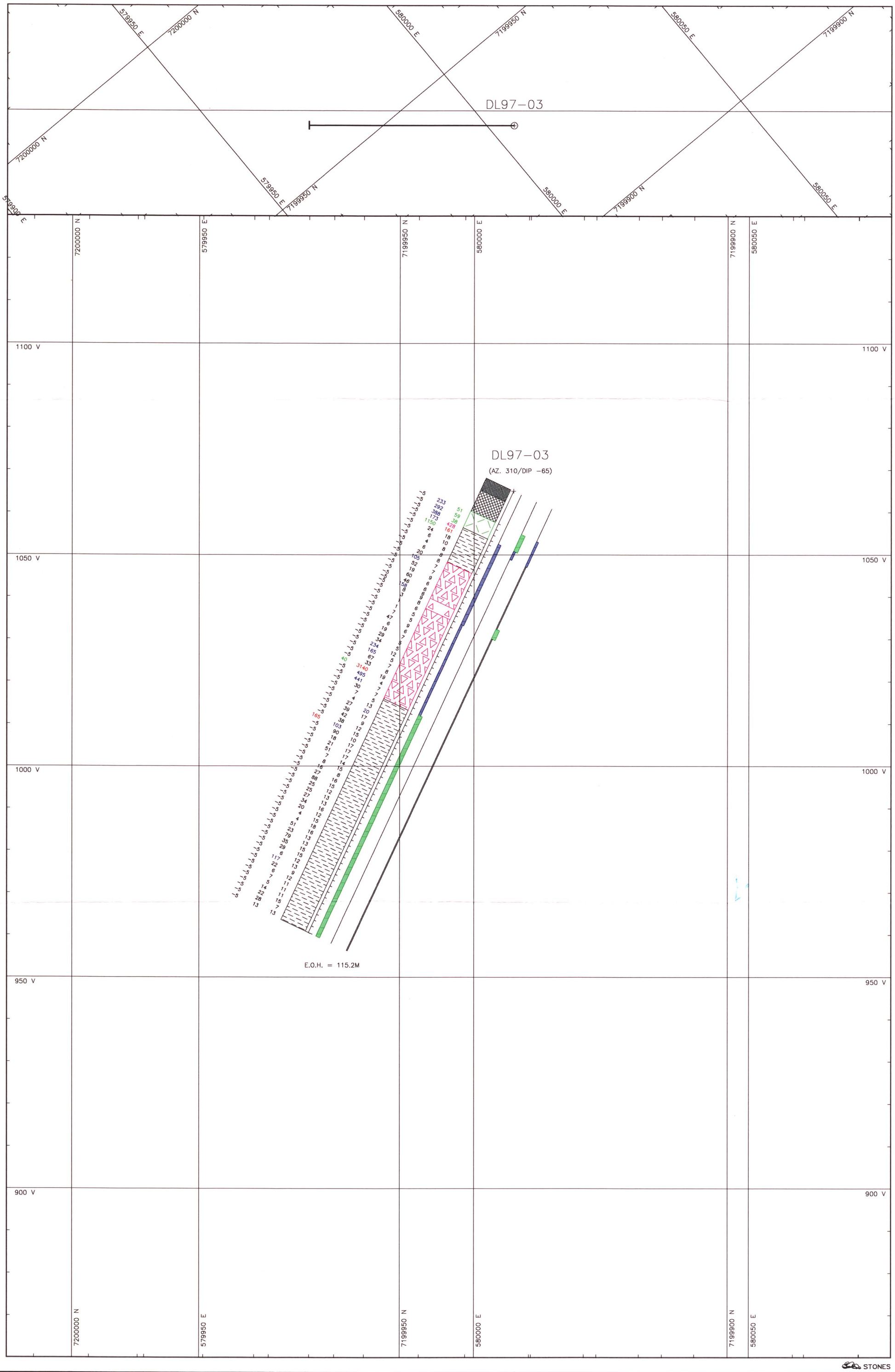
Plate 3 (3)

DOLORES 1 – 78 CLAIMS

Drill Hole DL97-02 Section

DIAND - YUKON REGION, LIBRARY

Compiled By: A. Montgomery	NTS MAP: 106 C-14	Coordinate System: UTM ZONE 8
Geologic Computing By: Terra Consulting, Reno NV.	Date Generated: 21-JAN-1998	File Name: 97FPDL02.DWG



LITHOLOGY

- casing
- overburden
- homolithic breccia – bhm
- heterolithic breccia – bht
- diorite
- siltstone

AU ASSAYS IN PPB (Left Column)

- < 10
- 10 to 25
- 25 to 60
- 60 to 200
- >= 200

CU ASSAYS IN PPM (Center Column)

- < 100
- 100 to 500
- 500 to 2000
- 2000 to 6000
- >= 6000

CO ASSAYS IN PPM (Right Column)

- < 20
- 20 to 35
- 35 to 70
- 70 to 200
- >= 200

BAR GRAPHS: ALTERATION MINERALS

POTASSIUM FELDSPAR (left)
CHLORITE (center)
CARBONATE (right)

SECTION PLANE:
ORIGIN: (579915, 7200010, 860)
AZM/INC: 130.0, 90.0
LENGTH: 210
HEIGHT: 270
THICK: 25.0 (on each side)
Units are (m).

093754

Dwg (4)

0 M 6 12 18 24 30 36
0 Ft 20 40 60 80 100 120

Scale 1:500

STONES

NEWMONT EXPLORATION LTD.

PAMICON DEVELOPMENTS & EQUITY ENGINEERING

FAIRCHILD PROJECT, YUKON TERRITORY, CANADA
MAYO MINING DISTRICT

Plate 4 (4)

DOLORES 1 – 78 CLAIMS

Drill Hole DL97-03 Section

Compiled By: A. Montgomery	NTS MAP: 106 C-14	Coordinate System: UTM ZONE 8
Geologic Computing By: Terra Consulting, Reno NV.	Date Generated: 21-JAN-1998	File Name: 97FPDL03.DWG