84-#271-12498

PROSPECTING REPORT

ON THE

DK GROUP

CASSIAR DISTRICT

LIARD MINING DIVISION

OWNER/OPERATOR

ERICKSON GOLD MINING CORP.

Work done on: DK 2, 3, 4 and 5 M.C. (80 units)

Work Performed: July 6, 7, 11, 1983

Located: NTS 104P5E

Latitude - 59°15'N

Longitude-129°35'W

Prepared by: Richard Basnett,
Geologist

Date: April 25, 1984.

ERICKSON
GOLD

Bag 1500
Cassiar, BC
V0C 1E0

September 05,1984

Chief Gold Commissioner
Victoria, BC

Sir / Madam;

The Assay Lab at Erickson Gold Mining Corp. is under my direct supervision, and has been for the last 5 (five) years. Regular check assays are done by an outside source.

Yours truly,

A. J. Beaton

A.J. Beaton
Mine Manager

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
A. J. BEATON

Erickson Gold Mining Corp.
Box 370, Cassiar, B.C. V0C 1E0
Telephone (604) 778-7454

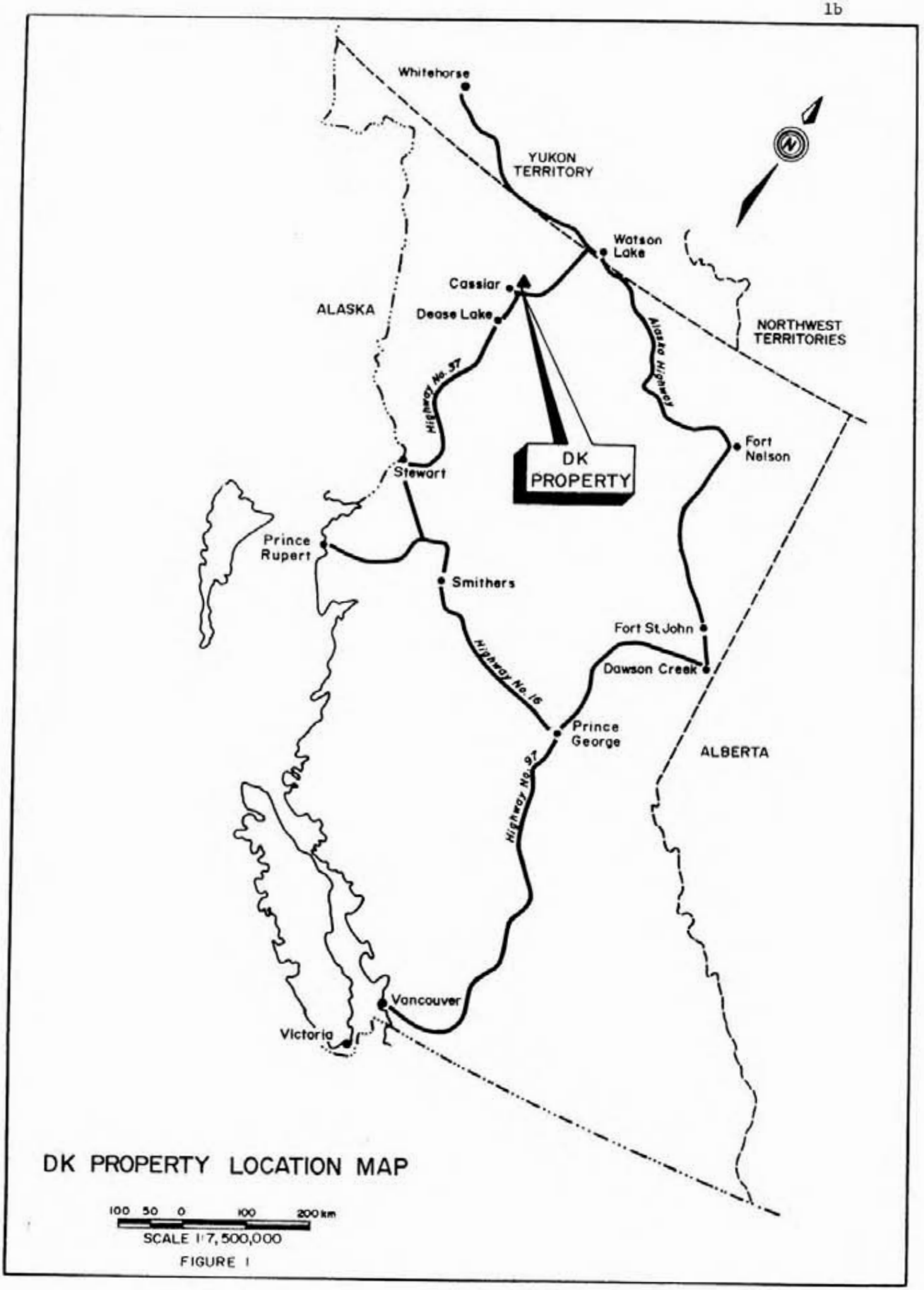
TABLE OF CONTENTS

LIST OF FIGURES AND MAPS

0.0

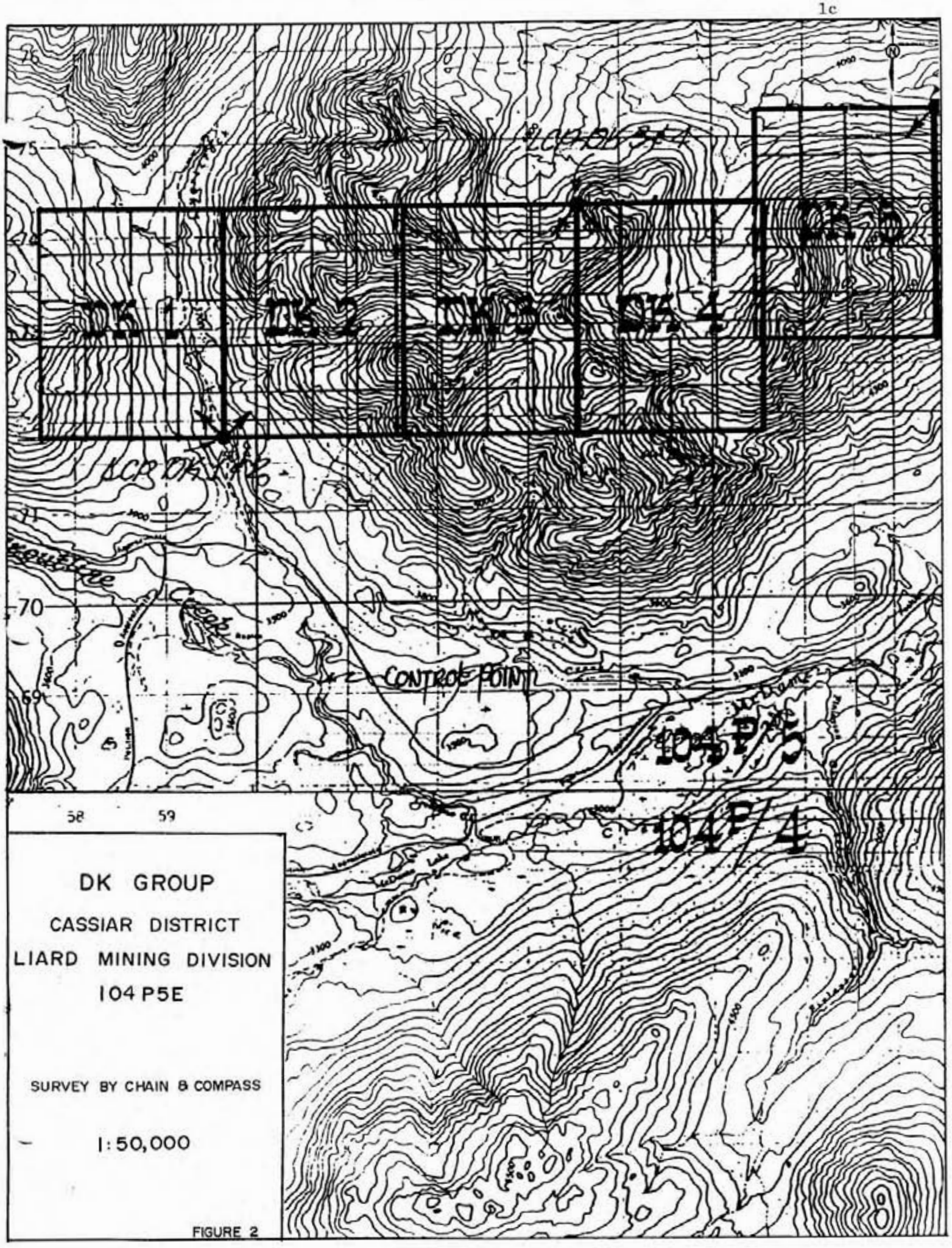
DK GROUP

Claim Name	No. of Units	Record Number	Record Date	Owner	FMC # Issued
DK 1	20	2890	8 Aug./83	Erickson Gold Mining Corp.	264216
DK 2	20	2891	8 Aug./83	" "	"
DK 3	20	2892	8 Aug./83	" "	"
DK 4	20	2893	8 Aug./83	" "	"
DK 5	20	2894	8 Aug./83	" "	"



DK PROPERTY LOCATION MAP

FIGURE 1



DK GROUP

CASSIAR DISTRICT

LIARD MINING DIVISION

104 P5E

SURVEY BY CHAIN & COMPASS

1:50,000

FIGURE 2

1.0 INTRODUCTION

This report describes the results of a three day helicopter supported prospecting project covering 15 square kilometers on the DK 2,3,4 and 5 claims. Maps showing the property location, claims, rock chip sample locations along with regional geological mapping are included.

2.0 LOCATION AND ACCESS

The property is located in northern British Columbia, 12 km east of the town of Cassiar and 4 km north of Highway No. 37 between Quartzrock Creek and Hot Creek. The geographic coordinates are 59°15'N latitude and 129°35'W longitude.

Access by helicopter from Watson Lake or Dease Lake (Fig. 1) is recommended because the claims are located in rugged mountainous terrain mostly above treeline between 1200 m and 2000 m in elevation.

3.0 HISTORY

The Cassiar District has been prospected since the 1800's and the interest continued after 1874 when placer gold was first discovered on McDame Creek. Although there has been considerable prospecting and development in the area since the middle of this century, there is very little evidence of work prior to 1980 on the DK claims.

In 1980 DeKalb Mining located the DeKalb 1 to 6 claims. Prospecting, geochemical, geological and geophysical surveys were conducted on these claims by DeKalb during the 1980, 1981 and 1982 field seasons. Significant gold values were discovered in soil, silt, and rock geochemistry during these surveys.

In December 1982, Erickson Gold Mining Corp. purchased DK 1-5 claims from DeKalb. During the 1983 field season prospecting was done on the DK 2,3,4 and 5 claims.

4.0 SUMMARY OF WORK

In the 1983 field season four geologists and two assistants carried out a regional prospecting survey on the DK Claims. This involved prospecting, geological mapping and sampling. Forty six chip samples were taken on quartz veins and assayed for Au and Ag. This survey took three days to complete and was helicopter supported.

5.0 PURPOSE

The purpose of the 1983 prospecting program was to determine the extent and orientation of the quartz veining and whether these veins carried gold. The stratigraphic,lithologic and structural setting of the quartz veins was to be studied. Quartz veins that DeKalb had found to carry gold values were to be relocated and sampled.

6.0 GEOLOGY

The DK 1-5 claims are underlain by Sylvester Group metasediments and volcanics of Lower Mississippian - Upper Pennsylvanian age lying in a NNW - SSE orientated synclinorium.

Within the map area the Sylvester Group is composed of interbedded greenstones and sediments intruded by ultrabasic sills, a hornblende-feldspar porphyry stock, and andesite and lamprophyre dykes. The sediments include interbedded ribbon cherts, massive chert, black argillites, red argillites, red shales and jasper.

Greenstones are medium-green, medium-grained with mafics completely altered to chlorite and epidote. They vary from massive green (purple in local areas) to light brown brecciated carbonate-pyrite altered areas near quartz veining.

The ultrabasic rocks vary from peridotites to an altered rock type called "listwanite", a Russian term taken from published descriptions of rocks in the Ural Mountains. The three types of listwanite defined by their mineralogy are: (a) serpentine, chlorite, carbonate, with minor talc; (b) talc, carbonate, minor chlorite; (c) quartz, mariposite, chlorite and minor talc.

7.0 MINERALIZATION

Pyrite and minor tetrahedrite are found in narrow parallel vein swarms or pods of quartz up to 8 m wide occurring in sediments near volcanic contacts. Vein swarms usually have 5 to 10 parallel veins 0.3 - 0.4 m wide over 10 m widths. These are perpendicular or concordant to the bedding and carry up to 5% pyrite along vein selvages and rare erratic gold values. These swarms have less than 50 m strike length.

Pods and lenses of bull white quartz also occur in sediments near volcanic contacts. These have widths up to 8 m and may be up to 100 m long (Map 2). Pyrite is rare but occasionally erratic gold values may be present.

Quartz veins with pyrite and minor tetrahedrite also occur near listwanite east of DK 5 (Map 1).

8.0 SAMPLE RESULTS AND INTERPRETATION

Au/Ag assays of quartz veins sampled are plotted on Map 1. Detailed samples locations on the Tasha Vein are shown on Map 2.

The vein swarm on DK 3 marked (A) (Map 1) was sampled by DeKalb in 1981. One of their samples ran 0.66 oz/t Au. Four chip samples taken by Erickson had values .3 m @ Tr, .04 (Au, Ag) oz/ton; .3 m @ Tr, .04 (Au, Ag) oz/ton; 1.0 m @ Tr, .02 (Au, Ag) oz/ton; and .3 m @ Tr, .08 (Au, Ag) oz/ton.

A similar situation occurred with an Erickson sample of a quartz pod on DK 4 marked (B) (Map 1). A 3 m chip sample of a bull quartz lense ran .368, .04 (Au, Ag) oz/ton. This lense was then resampled with 21 chips, none of which showed greater than trace Au.

These two anomalous samples possibly reflect a very erratic nugget effect in otherwise barren veins.

Other quartz veins sampled failed to have gold values.

9.0 CONCLUSIONS

No economic quartz veins were found on the DK group. The quartz structures outcropping and sampled in 1983 were small discontinuous structures located in incompetent sedimentary rocks.

The amount of quartz on the claims indicates hydrothermal activity over a large area. Whether these prolific veins are indicative of an orebody has not been determined by surface prospectings.

10.0 STATEMENT OF COSTS

July 8,7 & 11, 1983; three days; 4 geologists $160/man/day	$1920.00
July 8; 1 day; 2 sample assistants; $110/man/day	$ 220.00
July 11; 1 day; 1 sample assistant; $110/man/day	$ 110.00
July 8,7,11; 3 days; helicopter transportation; 4.2 hrs. @ $473/hr.	$1986.60
46 samples - F.A. for Au, Ag. @ $18/ sample	$ 828.00
April 24, 25; 2 days @ $160/day Geologist report writing	$ 320.00
April 25, 26, 27; 3 days drafting $ $120/day	$ 360.00
Field Supplies and report materials	$ 200.00
Typing	$ 100.00
	$6044.60

R Basnett

11.0 STATEMENT OF QUALIFICATIONS

I Richard Basnett, of 5150 Fulwell St., Burnaby, B.C. do hereby certify that:

(1) I am a graduate of the University of British Columbia B.Sc. 1975, a fellow of the Geological Association of Canada and a member of the Canadian Institute of Mining and Metallurgy. I have practised my profession for nine (9) years.

(2) I am author of this report, which is based upon work under my personal supervision during 1983 on the DK property of Erickson Gold Mining Corp. near Cassiar, B.C.

Respectfully submitted,

R. Basnett
Geologist

/jk

APPENDIX A

July 8, 1983

C 5987 qu 2 m appears to be in a fault zone.
Fract. in qu orientated 060°

July 7, 1983

B 707-1 Argillite - med. gray fg argillite with interbedded volc.
some fine tuffaceous fragments
foliation 130/83 SW

B 707-2 med-grained andesite fs & amphibole crystals 1-2 m diam., med green

B 707-3 very sil. volcanics or chert between volc-arg. contact intense
crackle tex. Arg. has bedding at 0.35/32°S

B 707-4 andesite med grained, med. green amphiboles completely altered
to chl and ep.

B 707-5 cherty arg. dk grey arg with some cherty sections

B 707-6 redstone - red siltstone

B 707-7 fg volv andesite

B 707-8 chert - light brown buff weathering. bedding 0.85°/22°S

B 707-9 dike or sill? andesite

B 707-10 and fg med green

B 707-11 green chert

B 707-12 red chert-shales interbedded
D1802 - qtz - calcite vein 020°/75°NW 30 - 40 cm wide.

B 707-13 fg med green andesite

B 707-14 bedding chert-arg by lake 355/41°E

July 11, 1983

B 711-1 med grained andesite px-augite? crystals 1 mm dia.

B 711-2 silicified volc just above arg. contact

B 711-3 arg.

C 5998 qv .5m along volc sed contact q str irreg - in arg.
bedding contact between arg and volc 070°/42°N

C 5999 split of vein 1 m wide orientated 153°/vert.

B 711-4 int sil. light green volc? fg slight crackle text.

B 711-5 interbedded arg. 1 m wide in sil. volc. or chert 115/54°N

B 711-6 ribbon thin bedded chert 110/665

July 7 - 11, 1983

D-1: quartz stringer zone in cherty phyllite with malachite
assay # 2489

D-2: jasper with biotite? or chlorite? - occurs as fragments in
greenstone.

D-3: vein swarm in chert bed in greenstone.

D-4: Lamprophyne dyke.

D-5: rhodonite and mn-rich chert

D-6: Mn rich jasper

D-7: malachite stained chert layer at base of jasper in D-6.

D-8: quartz-carbonate vein

D-9: quartz-vein with chlorite

D-10: black calcite

D-11: cherty tuff

D-12: greenstone tuff

D-13: massive chert

D-14: hornblende (?) porphyry dyke.

D-15: ultramafic - unaltered

D-16: ultramafic - altered to serpentine

D-17: quartz-mariposite with pyrite
- assay #E2571

ERICKSON
GOLD

APPENDIX B

MINE FIRE ASSAY METHOD FOR AU AND AG

The samples are crushed, puliverized and split to ½ assay ton (14.583 gram) subsamples. One subsample is assayed for regional samples and two subsamples are assayed for diamond drill core by the following procedures.

The subsample is placed in a crucible along with 1 scoop of standard flux, ½ tsp of flour, 1 inquartz, and 1 tsp of borax cover.

It is then heated for 45 minutes at 1060°C to fuse, poured off and left to cool before the glass is hammered off the button (bead).

The cupels are heated for 10 minutes in the furnace at 970°C until white before the lead bead is put in the cupels for 30 minutes.

After cupelation the beads are hammered flat and weighed in milligrams. If over 2.79 mg, inquartz is added in the appropriate amounts and recupelled.

The bead is placed in diluted (16%) nitric acid for 30 minutes. The acid is then removed and the bead is rinsed two times with de-ionized water before annealling to remove tarnish and weighing in milligrams.

All assays are then given in ounces per ton.

Erickson Gold Mining Corp.
Box 370, Cassiar, B.C. V0C 1E0
Telephone (604) 778-7454

DAY SAMPLED _____ ERICKSON GOLD MINING CORP. DAY ASSAYED July 16/83

DAILY ASSAY REPORT

SAMPLE NO.	LOCATION	SAMPLE WIDTH	Au oz/ton	Ag oz/ton	TAKEN BY
2489	D.K.	Grab	Tr	.08	
2490	D.K.	2.0m	Tr	.04	
2491	D.K.	2.0m	Tr	.04	
2488	D.K.	Grab	Tr	.08	
D1801	D.K.	1.0m	Tr	.08	
D1802	D.K.	.5m	Tr	.08	
D1817	D.K.	3.0m	Tr	.04	
D1819	D.K.	1.0m	Tr	.08	
D1818	D.K.	2.0m	Tr	.06	
D1805	D.K.	6.0m	Tr	.08	
D1806	D.K.	6.0m	Tr	.02	
D1807	D.K.	6.0m	Tr	.04	
D1808	D.K	6.0m	Tr	.06	
D1809	D.K.	4.0m	Tr	.04	

DAY SAMPLED _____

ERICKSON GOLD MINING CORP.

DAILY ASSAY REPORT

DAY ASSAYED July 16/83

SAMPLE NO.	LOCATION	~~CAMS~~ WIDTH	Au oz/ton	Ag oz/ton	TAKEN BY
E 2571	D.K.	Grab	Tr	.16	
C5953	D.K.	Grab	Tr	.16	
C5954	D.K.	Grab	Tr	.18	
C5955	D.K.	Grab	Tr	.18	
C5957	D.K.	Grab	Tr	.20	
2486	D.K.	Grab	Tr	.10	
2487	D.K.	Grab	.04	.02	
D1821	D.K.	.3m	Tr	.04	
D1822	D.K.	.3m	Tr	.04	
D1823	D.K.	1.0m	Tr	.02	
D1824	D.K.	.3m	Tr	.08	
D1751	D.K.	.2m	Tr	.08	
D1752	D.K.	.4m	Tr	.06	
D1820	D.K.	.3m	Tr	.02	

DAY SAMPLED

ERICKSON GOLD MINING CORP.

DAILY ASSAY REPORT

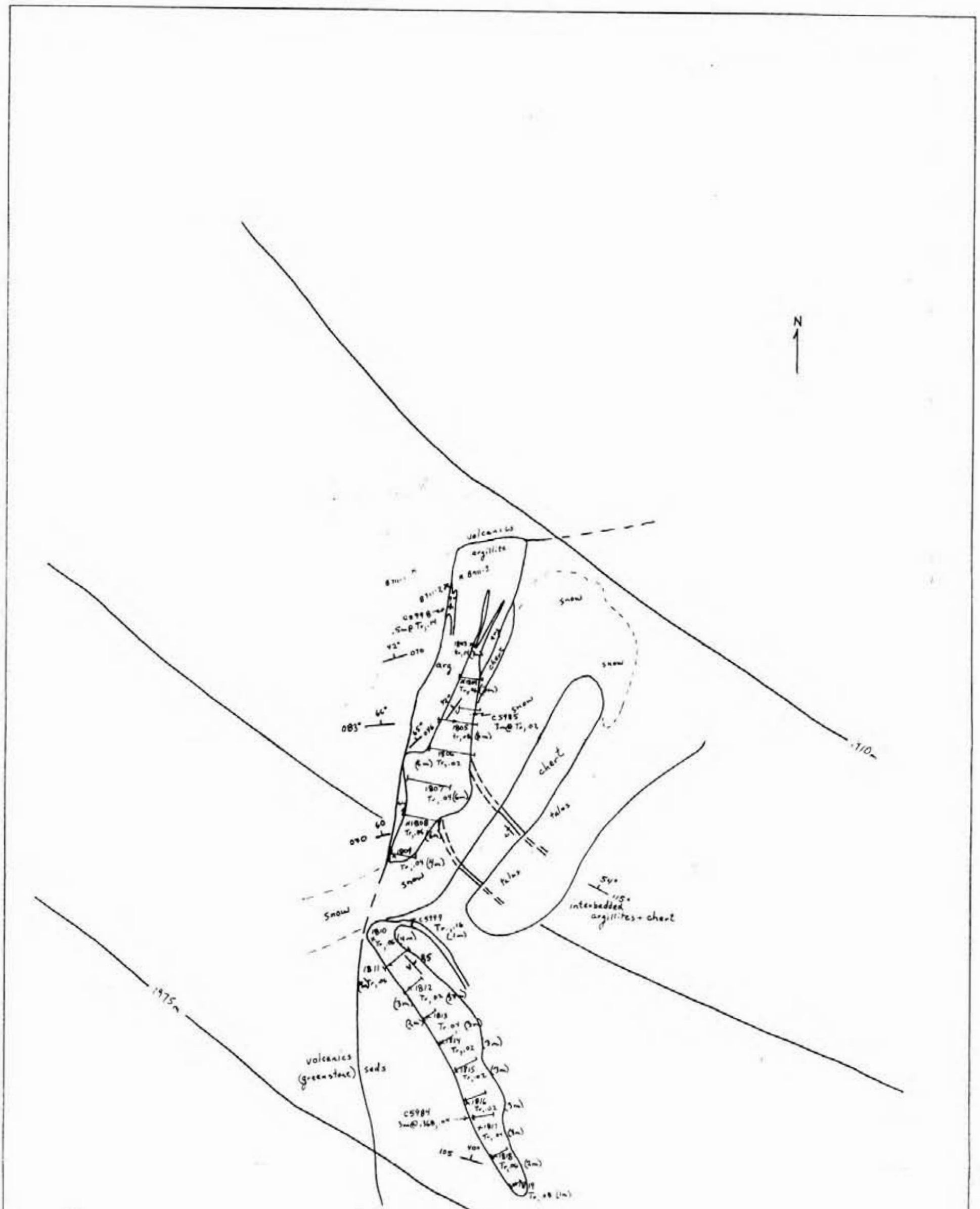
DAY ASSAYED July 16/83

SAMPLE NO.	LOCATION	WIDTH	Au oz/ton	Ag oz/ton	TAKEN BY
C5998	D.K.	0.5m	Tr	.14	
[illegible]	D.K.	[illegible]	[illegible]	[illegible]	
C5999	D.K.	1.0m	Tr	.16	
C5984	D.K.	3.0m	.368	.04	
C5981	D.K.	2.0m	Tr	.02	
C5982	D.K.	0.5m	.03	.02	
C5988	D.K.	2.0m	Tr	.08	
C5983	D.K.	1.0m	Tr	.03	
C5990	D.K.	1.0m	Tr	.04	
C5989	D.K.	1.0m	Tr	.04	
C5987	D.K.	2.0m	Tr	.06	
C5985 [illegible]	D.K.	3.0m	Tr	.02	
C5986	D.K.	1.0m	Tr	.02	
C5953	D.K.		Tr	.16	

DEVELOPED ERICKSON GOLD MINING CORP. DAY ASSAYED

DAILY ASSAY REPORT July 16/83

SAMPLE NO.	LOCATION	WIDTH	Au oz/ton	Ag oz/ton	TAKEN BY
D1803	D.K.	3.0m	Tr	.14	
D1804	D.K.	3.0m	Tr	.06	
D1810	D.K.	4.0m	Tr	.06	
D1811	D.K.	4.0m	Tr	.06	
D1812	D.K.	3.0m	Tr	.02	
D1813	D.K.	2.0m	Tr	.04	
D1814	D.K.	3.0m	Tr	.02	
D1815	D.K.	3.0m	Tr	.02	
D1816	D.K.	3.0m	Tr	.02	



GEOLOGICAL BRANCH
ASSESSMENT REPORT

12,498

LEGEND

Assay Results :
eg. Tr, .06 (3m)
Au (oz/ton), Ag (oz/ton)
width = 3.0 meters

0 5 10 20 30 40 50 METERS
SCALE 1:500

R Barnett

F G M	TITLE TASHA VEIN					BLOCK NO.	
DRAWN BY: R.B.	DATE: APRIL 27/84	SCALE: 1:500	MAP NO.	PLATE NO.		DWG. NO.	MAP 2

LEGEND

TERTIARY AND (?) EARLIER

Conglomerate

11	Kechika, Sandpile, Atan loosely cemented.

AGE UNKNOWN - INTRUSIVES

Dykes

10a	Diabase
10b	Andesite - dacite
10c	Aplite

Quartz Veins

9	Often containing sulphides (tetrahedrite arsenopyrite), graphite and sometimes visible gold.

UPPER CRETACEOUS

8	Cassiar Stock quartz monzonite porphyry.

AGE UNKNOWN

Listwanite (altered basic to ultrabasic rocks, may contain veinlets of quartz, dolomite, brucite and talc).

7a	Serpentine, chlorite, carbonate, with minor talc.
7b	Talc, carbonate, minor chlorite.
7c	Quartz, mariposite, carbonate and minor talc.
6	Diorite; volcanic plug ? Sill ?; locally fine-grained feldspar porphyry.

MISSISSIPPIAN TO ? PERMIAN

SYLVESTER GROUP

Interbedded Sediments - 5D

5Da	Greywacke
5Db	Siltstone
5Dc	Sandstone
5Dd	Argillite
5De	Limestone (continuous pods)
5Df	Chert

Interbedded Volcanics - 5C

5Ca	Dacite to andesite flows, with or without pillows, occassional local phenocrysts of feldspar or pyroxene.
5Cb	Dacite to andesite tuff breccia and/or flow breccia, with local phenocrysts of feldspar or pyroxene.
5Cc	Rhyolite, sills and/or dykes.
5Cd	Argillaceous tuff and breccia.
5Ce	Cherty tuff
5B	Chert, tuff chert, includes some argillite, in northeast well layered chert - phyllite, tuff chert, ribboned chert and argillite.
5A	Argillite, siltstone, chert, quartzite limestone pebble conglomerate, tuff includes numerous diabase and andesite sills.

MIDDLE AND UPPER DEVONIAN

McDAME GROUP

4a	Dolomite (black) and limestone (grey) - numerous veinlets and vugs of dolomite, occassional laminations and nodules of chert.

SANDPILE GROUP

3a	Dolomite and dolomitic sandstone - dark grey to light grey, commonly laminated.

CAMBRIAN AND ORDOVICIAN

KECHIKA GROUP

2c	Argillite, shale, slate - black to grey-black; mostly argillite with a pervasive mild slaty cleavage, some selections of shale and slate; cherty and calcareous sections throughout, laminated to bedded, pyrite occurs as fine disseminations up to 1% and as fine streaks.
2b	Phyllite - black, friable, carbonaceous, with minor pyrite.
2a	Argillaceous limestone - grey-black, massive, with argillite and shale fragments

CAMBRIAN

LOWER CAMBRIAN

Atan Group

1f	Limestone - blue-grey to dark grey, laminated to well-bedded to massive, with flaggy patches and minor fragmental or breccia sections.
1e	Recrystallized limestone (marble) - bluff, white, massive and as stringers and patches in 5De, large rhombohedric crystals.
1d	Dolomite - yellow, buff, brown, rose, crystalline, massive with some friable sections, minor pyritohedrons in the crystalline portions.
1c	Quartzite - maroon, green, brown, and tan, well bedded with cross bedded sections, pyrite and lesser pyrrhotite as disseminations and stringers.
1b	Hornfelsic quartzite - maroon, green, buff and brown; pure quartzite beds are crystalline, less pure beds are schistose and contain andlusite patches; chlorite clots occur in the chlorite-rich green beds; more abundant pyrite and pyrrhotite.
1a	Shale and slate - black, grey and buff, laminated, pyritic, and carbonaceous, with some calcerous interbeds.

ALTERATION SYMBOLS

G	Graphite	Ch	Chlorite
K	Clay (Kaolinite, montmorillonite?)	EP	Epidote
M	Mariposite - Fuchsite	C	Calcite
S	Silicification	Sk	Skarn: garnet diopside and garnet-actinolite - minor sheelite mineralization.
D	Carbonate: dolomite, siderite		

SYMBOLS

Geological boundary (inferred, approximate)

Quartz vein (inclined, vertical, dip unknown)

Zone of alteration

LEGEND

66 U.T.M. Coordinates

Assay Results: Tr., .06 (3m)
Au (oz/ton), Ag (oz/ton), width = 3.0 meters

Scale 1:10,000

200 100 0 200 400 600 800 metres

GEOLOGICAL BRANCH ASSESSMENT REPORT

12,498

R Basnett

ERICKSON GOLD MINING CORP.

DK GROUP

PROSPECTING & GEOLOGY MAP

Project No. 1003 Mining Division LIARD

Latitude 59°15' N Longitude 129° 35' W

NTS 104 P5E

To Accompany A Report By R BASNETT, BSc

Date APRIL 27/84 Map No. 1