1994 REPORT
DIAMOND DRILLING PROGRAM
ON THE EHOLT 2 CLAIM
EHOLT PROJECT

Greenwood Mining Division
British Columbia

NTS 82E/2E
Latitude 49°10' N
Longitude 118°32' W

Ian Thomson
and
Doyle Albers

Orvana Minerals Corp.

January 5, 1995

TABLE OF CONTENTS

LIST OF FIGURES

APPENDICES

INTRODUCTION

The Eholt Project is located approximately 20 Km west of Grand Forks, British Columbia (Fig. 1). The property lies northeast of the Phoenix-Greenwood Mining Camp, which has been a significant producer of Cu-Au ores from skarn deposits. The largest deposit discovered thus far in the camp was at Phoenix, where almost 27 million tonnes of ore grading 0.85% Cu and 1.1 grams/tonne Au were mined earlier this century. The Eholt property is underlain by a stratigraphic package similar to that in the Phoenix camp. The property is accessed from a series of logging roads which intersect B.C. Hwy 3, at the Kettle Valley Railroad siding of Eholt.

PROPERTY

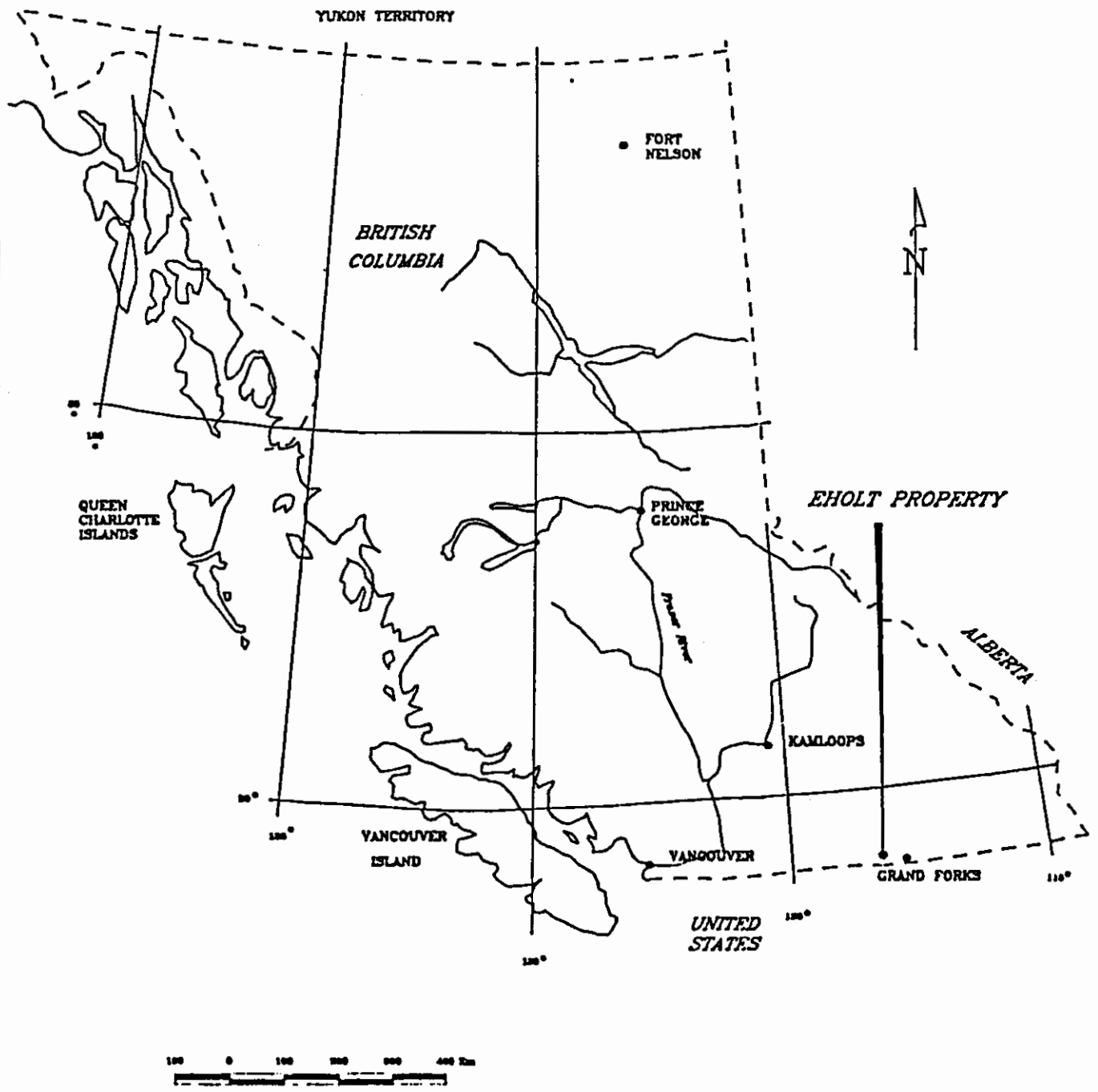
The Eholt property consists of five contiguous 4-post mineral claims and ten 2-post claims comprising a total of 58 units (Fig. 2). The claims are held under option by Orvana Mineral Corp. from Mr. Herman Hoehn of Grand Forks, B.C.

Pertinent claim information is summarized below:

Name	No. of Units	Record No.
Pt. Eholt	6	1810
Eholt	12	4867
Eholt # 1	20	4906
Eholt # 2	20	4907
Eholt # 4	12	215013
Buddy # 1	1	215975
Buddy # 2	1	215976
Buddy # 3	1	215977
Buddy # 4	1	305778
John # 1	1	305797
John # 2	1	305798
John # 3	1	305799
John # 4	1	305800
John # 5	1	305801
John # 6	1	305802

LOCATION AND ACCESS

The Eholt property is located 11 km NE of Greenwood and 16 km NW of Grand Forks, B.C. at latitude 49°10'N, longitude 118°32'W. Access is good and is provided by Highway 3, which traverses the property, several logging roads, and two old abandoned railroad grades. The site of Eholt, a loosely-bounded settlement which is still inhabited, is located just north of Highway 3, on the property.



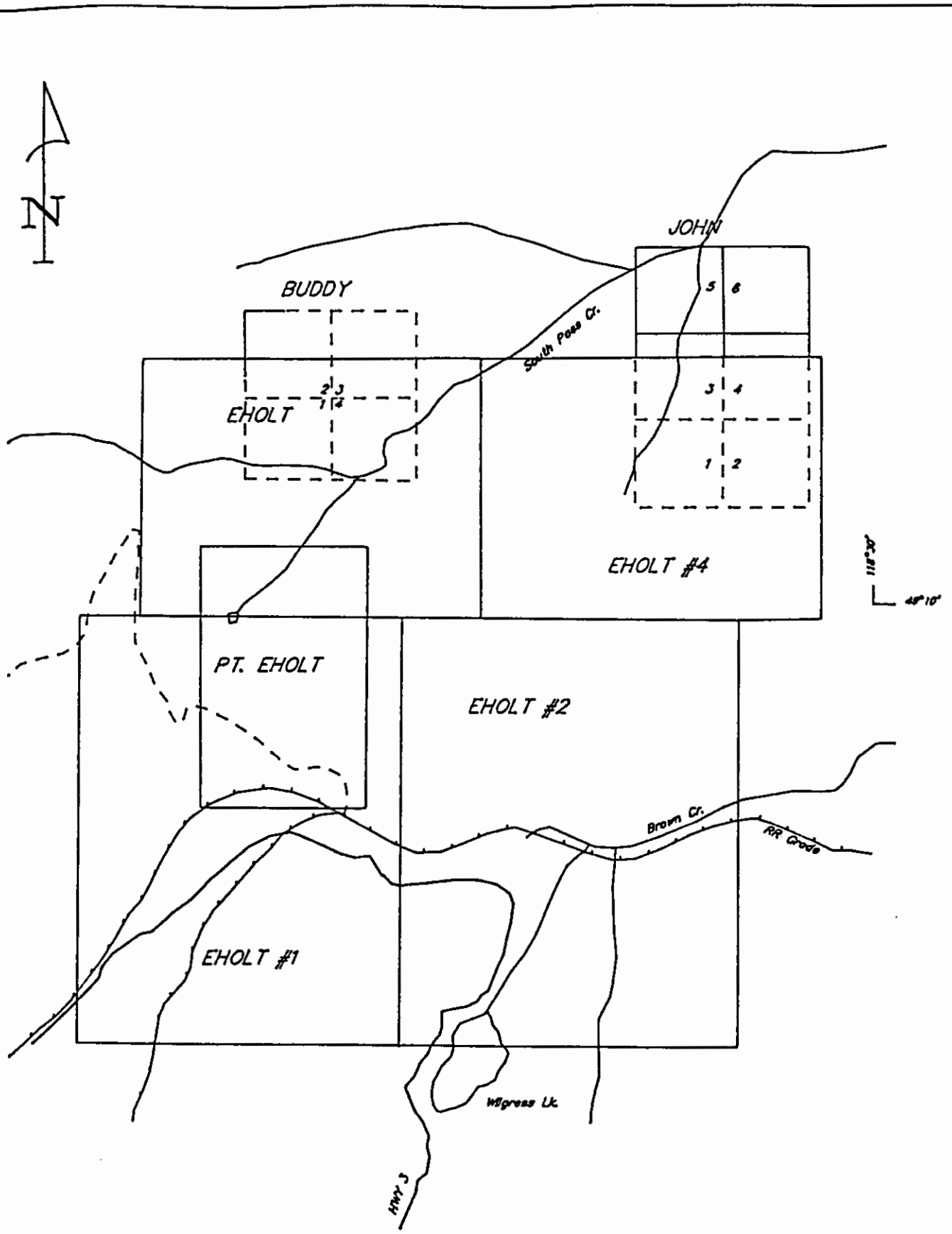
orvana RESOURCES

Fig. 1

LOCATION MAP

OK SYNDICATE
Northeastern Washington and southern British Columbia

Oct. 01



NTS 82E/2E

orvana RESOURCES CORP.

EHOLT PROJECT
Claim Locations
Fig. 2

OK SYNDICATE
British Columbia, Canada

4/93
6/92

PHYSIOGRAPHY AND CLIMATE

The Eholt property is characterized by relatively subdued, low-lying, mountainous terrain. Elevations range 900-1200 m. Relief is generally mild, though a few bluffs do occur on the hill immediately north of the Eholt settlement site. Most of the property is covered with timber land, with some brush-grassland on slopes with southern exposure.

The climate is moderate. Precipitation is typically low during the summer and fall, and moderate during the rest of the year.

Snow cover during December-February averages 0.5-1.5 m. Annual temperature range is approximately -20° to 35°C.

PREVIOUS WORK

Mining and exploration in the Eholt area began around the beginning of the 20th century. Production during the period of several hundred thousand tons of ore grading approximately 1% Cu and 0.02 oz/ton Au came from the Oro Denoro and Emma mines located 3 km south of Eholt. Numerous old shallow shafts, short adits, and prospect pits, probably dating from this period, occur on the Eholt property.

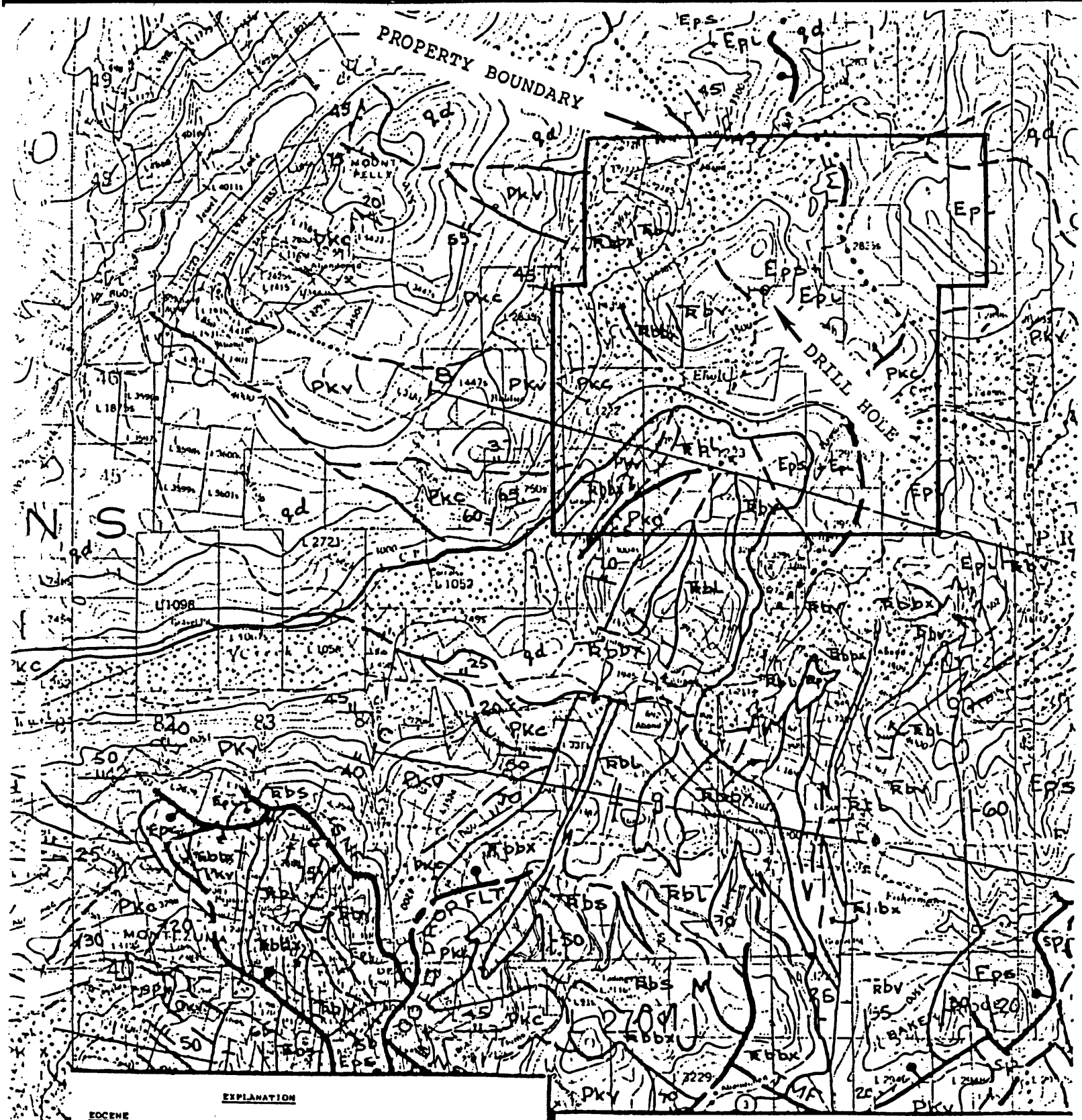
Recent, documented exploration on the Eholt property was conducted by Golden Kootenay Resources, Inc. during the period May 11, 1987-January, 1989. This work included grid installation, soil geochemistry, and diamond drilling (3 holes). VLF-Em was run over the grid, and a magnetometer survey was run over part of the grid. Different core drilling programs have reportedly been carried out on the property by Mr. Herman Hoehn of Grand Forks, and Mssrs. Cashman and Stanley, also of Grand Forks. These programs are apparently undocumented.

Orvana installed 37.5 km of grid, and conducted a soil sampling program over this grid during 1991 and 1992. Orvana also conducted a ground magnetic survey, VLF-EM survey, and an I.P. survey during the 1991-1992 field season. This work is documented in an assessment report filed May 17, 1993.

1994 PROGRAM

The ground magnetic survey mentioned above delineated a substantial dipole anomaly near Eholt Mountain. A single NQ diamond drill hole was completed on this magnetic anomaly during December 1994. The Orvana grid coordinates for this hole are 9760N, 11160E (UTH 388100E/5446750N); the azimuth for this hole was 270°, with an inclination of -75° (see Fig 4). The hole went to a depth of 202m. The diamond drill log for this hole can be found in the Appendix along with the assay data. All work was conducted on the Eholt # 2 claim. Core is stored undercover in Greenwood.

The first 152 m (500 feet) of this hole is dominantly comprised of fine grained, porphyritic latite extrusive volcanic rocks which are preserved in a north-trending graben structure. These rocks are believed to be Tertiary in age. They are in fault contact with, and intruded by younger monzonite and syenite intrusive rocks. All of these rocks are weakly magnetic, containing <0.5% finely disseminated magnetite and minor magnetite veinlets. Some very minor quartz-pyrite zones cross-cut the core, and all of these were sampled, but most of the rock in this hole shows little hydrothermal alteration or mineralization.



EXPLANATION

EOCENE

Penticton Grp.	Epi	Coryell syenite, monzonite, diorite
	Epc	Kettle River Fm. sediments and Marron Fm. andesite, trachyte

CRETACEOUS

Nelson Int.	qd	Granodiorite, quartz diorite, diorite

TRIASSIC

Brooklyn Fm.	TRbv	Greenstone, microdiorite
	TRbl	Limestone
	TRbs	Sandstone, siltstone, hornfels
	TRbbx	Chert breccia or sharpstone conglomerate, tuff, tuffaceous siltstone

PERMIAN

Knob Hill Fm.	Pkc	Chert, argillite, limestone
	Pkv	Greenstone, pillow lava, breccia

References: Fyles, J. T., 1990
Geology of the Greenwood-Grand Forks Area, B.C. - MEMPR Open File, 1990-25

orvana RESOURCES CORP.
Coeur d'Alene, Idaho

N

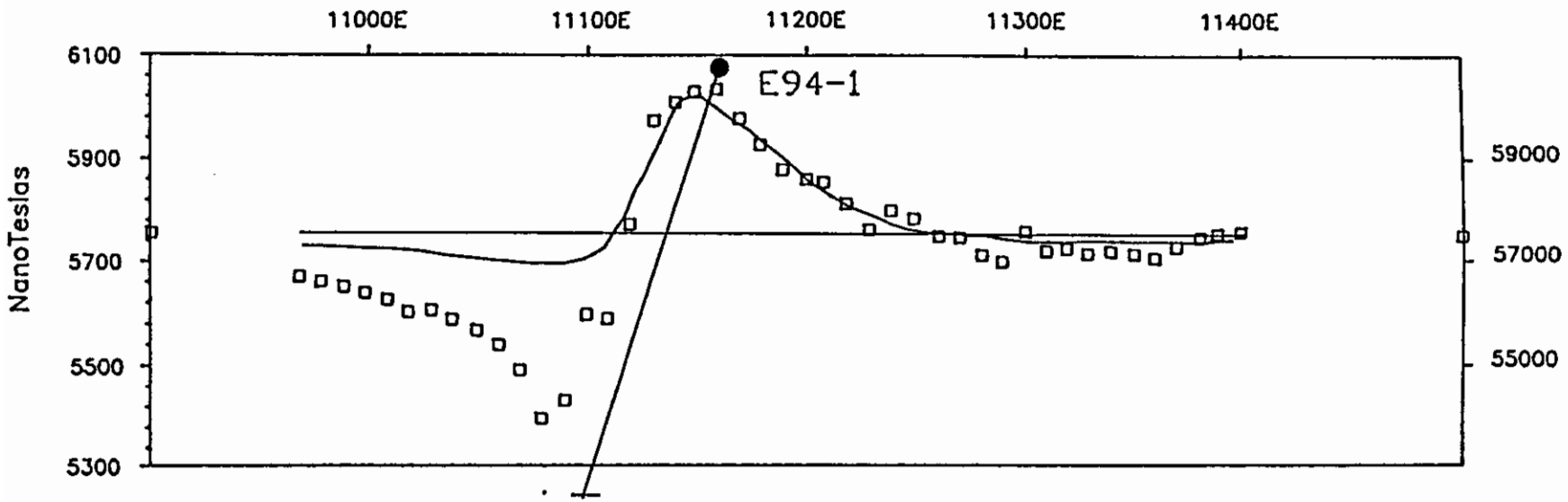
DATE	12/94
REVISED BY	DATE

Fig. 3

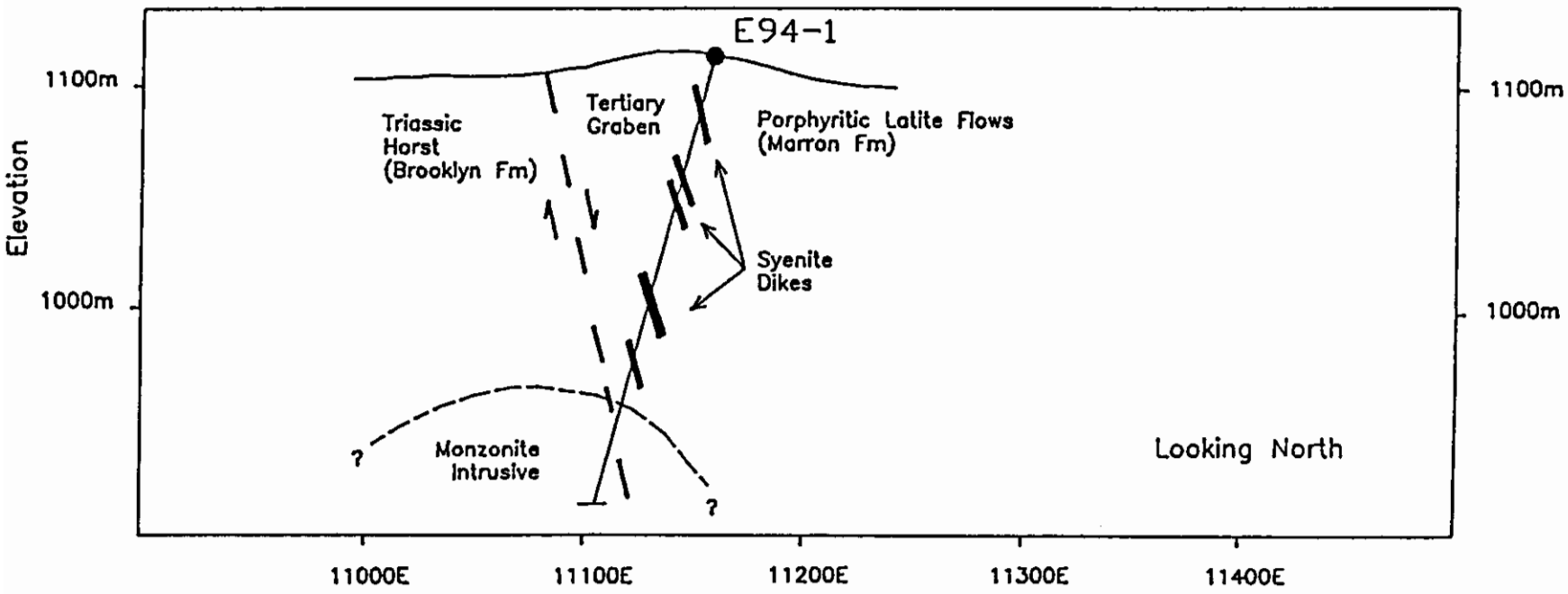
EHOLT PROJECT
Regional Geology
Claim Block Boundary
Drill Hole Location

DATA BY	SCALE	SHEET NO.
RF/DA	1:50000	PLATE NO.

MAGNETIC PROFILE



GENERALIZED GEOLOGIC CROSS SECTION



EHOLT PROJECT
1994 DIAMOND DRILL PROGRAM

orvana RESOURCES CORP.
Coeur d'Alene, Idaho USA

Doyle F. Allen

1995

CONCLUSIONS

The objective of this hole was to evaluate the large dipole anomaly in hopes that it would correspond to a large replacement body within the older Triassic marine sediments and volcanics of the Brooklyn Formation; however, no Triassic rocks were seen in this drill hole. Upon exiting the Tertiary-filled graben, this hole intersected what are believed to be younger Tertiary-aged intrusive rocks. We had hoped that the Tertiary volcanic cover would be relatively thin, masking the older Triassic rocks from view, but this hole demonstrates that the Tertiary volcanic cover is quite thick (at least 150 m), and the minor disseminated magnetite within these volcanics must be responsible for the magnetic dipole anomaly.

RECOMMENDATIONS

This program has eliminated one potential target from a list of several good possibilities. Other areas of known alteration and mineralization exist with coincident geophysical anomalies, and these could be further evaluated with continued drilling. Plans to further evaluate the Eholt area are being finalized, and hopefully exploration work will continue next field season.

STATEMENT OF COSTS

Drilling	
Mob-Demob, set-up, plus 202 m (663 feet) NQ	$ 13189
Salaries	
14 man days @ $200/day	2800
Room and Board	
10 days @ $60/day	600
Laboratory Assays	250
Vehicles/Transportation	1000
Field Supplies	300
TOTAL (Cdn)	$ 18139

STATEMENT OF QUALIFICATIONS

I, Doyle F. Albers, of Sagle, Idaho, U.S.A., certify that:

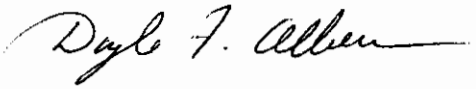
1. I am a geologist employed by Orvana Minerals Corporation, 710 - 1177 West Hastings Street, Vancouver, B.C., V6E 2K3, in their office located at 1755 Silver Beach Loop Coeur d'Alene, Idaho 83814 U.S.A.

2. I am a graduate of the University of Idaho, Moscow, Idaho, and hold a M.S. degree in Geology.

3. I have been practicing my profession for the past nineteen years.

4. This report is based on information that I and others under my supervision obtained while on the Eholt property during the period December, 1994.

Doyle F. Albers
Geologist, Orvana Minerals Corporation.



STATEMENT OF QUALIFICATIONS

I, Ian Thomson of 1628 West 66 Avenue, Vancouver, British Columbia, V6P 2S2, do hereby certify that:

1. I am a graduate (1967) of the University of London, England, with a Bachelor of Science degree in Geology and a graduate (1971) of the University of London, England, with a Doctor of Philosophy degree in Applied Geochemistry.

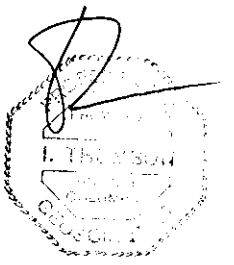
2. I am a registered Professional Geoscientist in the Province of British Columbia.

3. I have been continuously employed as a geologist-geochemist involved with mineral exploration for 21 years.

4. I hold the position of Chief Geologist with Orvana Minerals Corp.

5. This report is based on information obtained by myself and others working under my guidance and from analytical data obtained from commercial laboratories.

Ian Thomson, B.Sc., Ph. D., P. Geo.
Chief Geologist, Orvana Minerals Corporation



REFERENCES

Church, B.N., 1986, Geologic Setting and Mineralization in the Mount Attwood - Phoenix Area of the Greenwood Mining Camp, British Columbia Ministry of Energy, Mines and Petroleum Resources, Paper 1986-2 65 pp.

Fyles, J.T., 1990, Geology of the Greenwood-Grand Forks Area, British Columbia, NTS 82E/1,2, British Columbia Geological Survey Open File 1990-25.

McLeod, J.W., 1988, Report on the Eholt Property, Unpublished Assessment Report #17488.

McLeod, J.W., 1991, Report on the Eholt Property, Unpublished Report on behalf of Golden Kootenay Resources, Inc.

APPENDIX 1
DIAMOND DRILL LOGS

DIAMOND DRILL HOLE LOG

Company Orvana

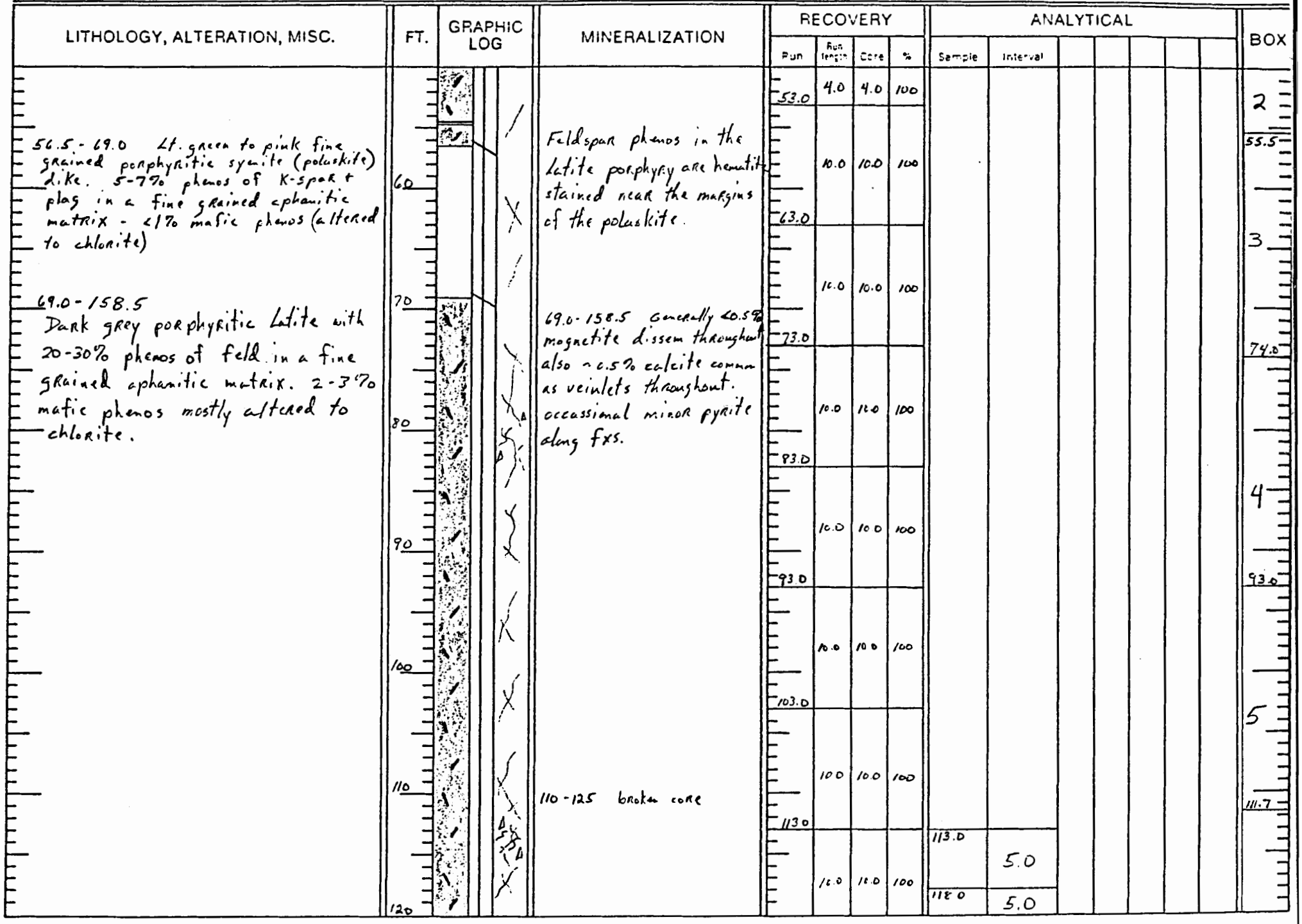
Property Eholt	Hole No E94-1
Location Magnetic dipole anomaly	Bearing at Collar 270°
	Inclination at Collar -75°
Coord. - Collar N 9760N	
E 11160E	Length 663'
Elev. - Collar 1115'	Core Size NQ
Date started 12/16/94	
Completed 12/18/94	Logged by DFA

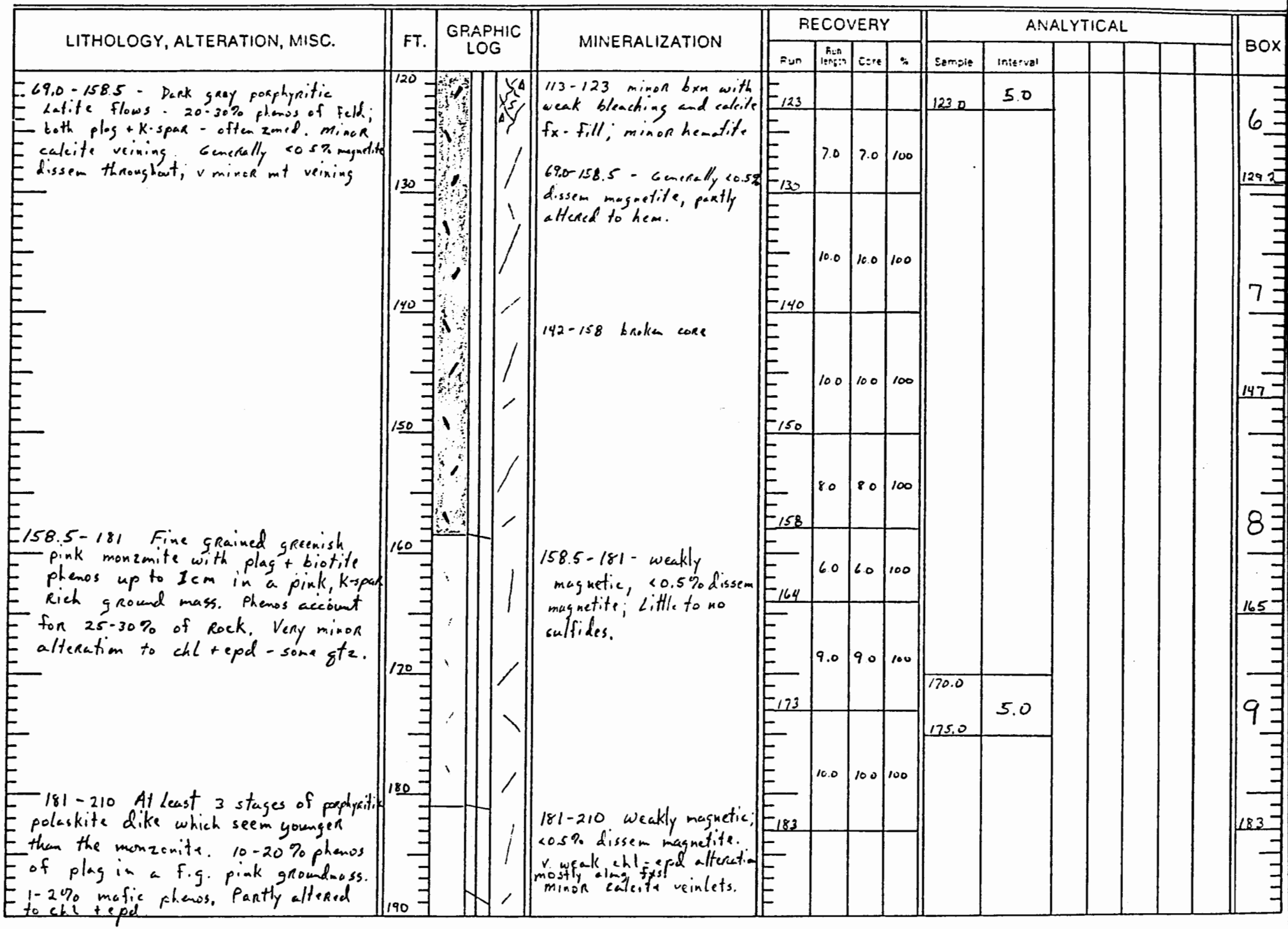
LEGEND
- Porphyritic Latite
- Porphyritic Syenite
- Monzonite Porphyry
- calcite veins
- Pyrite
- Brecciation
- Quartz veins

SURVEY

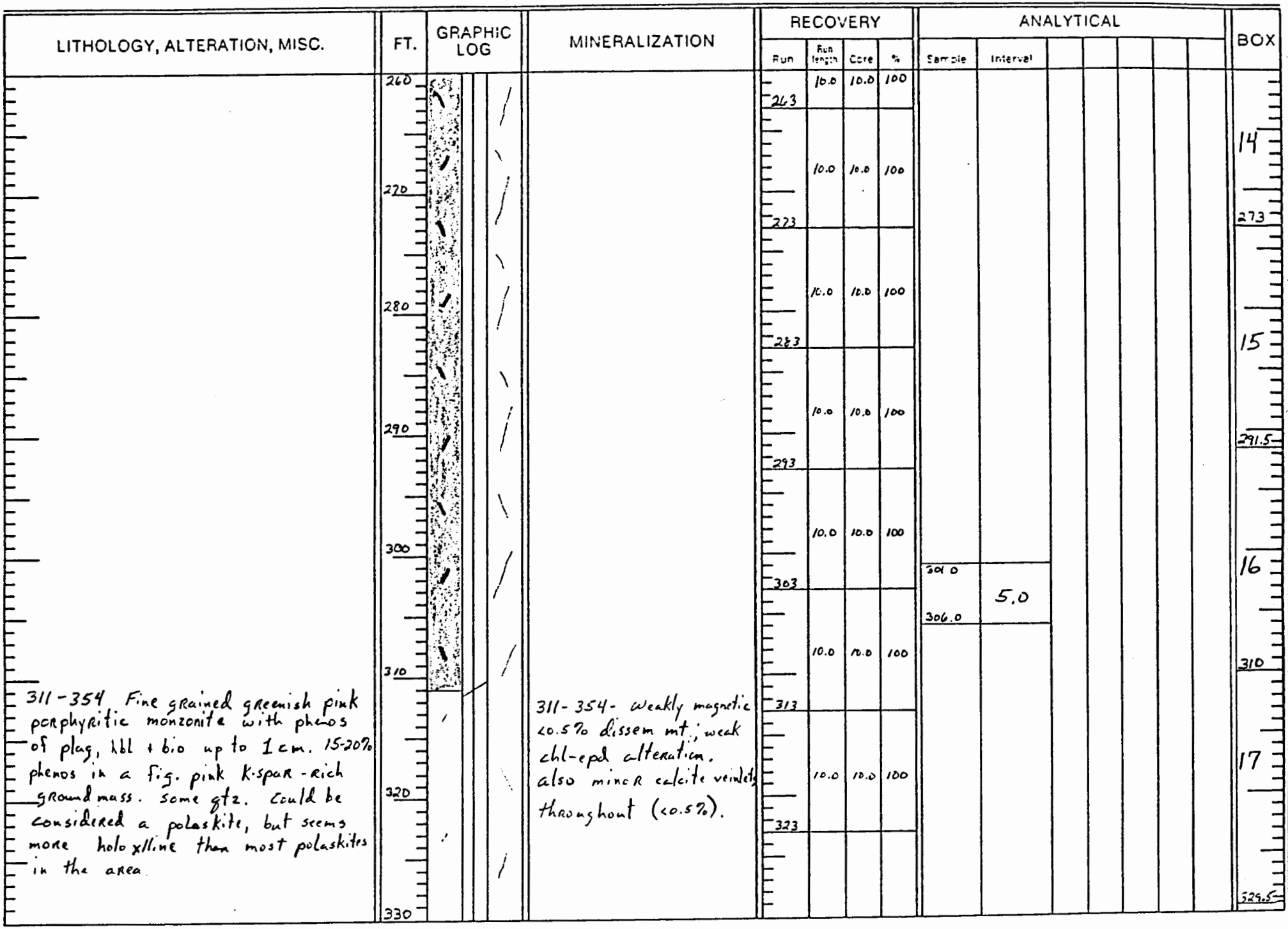
Footage	Bearing	Inclination

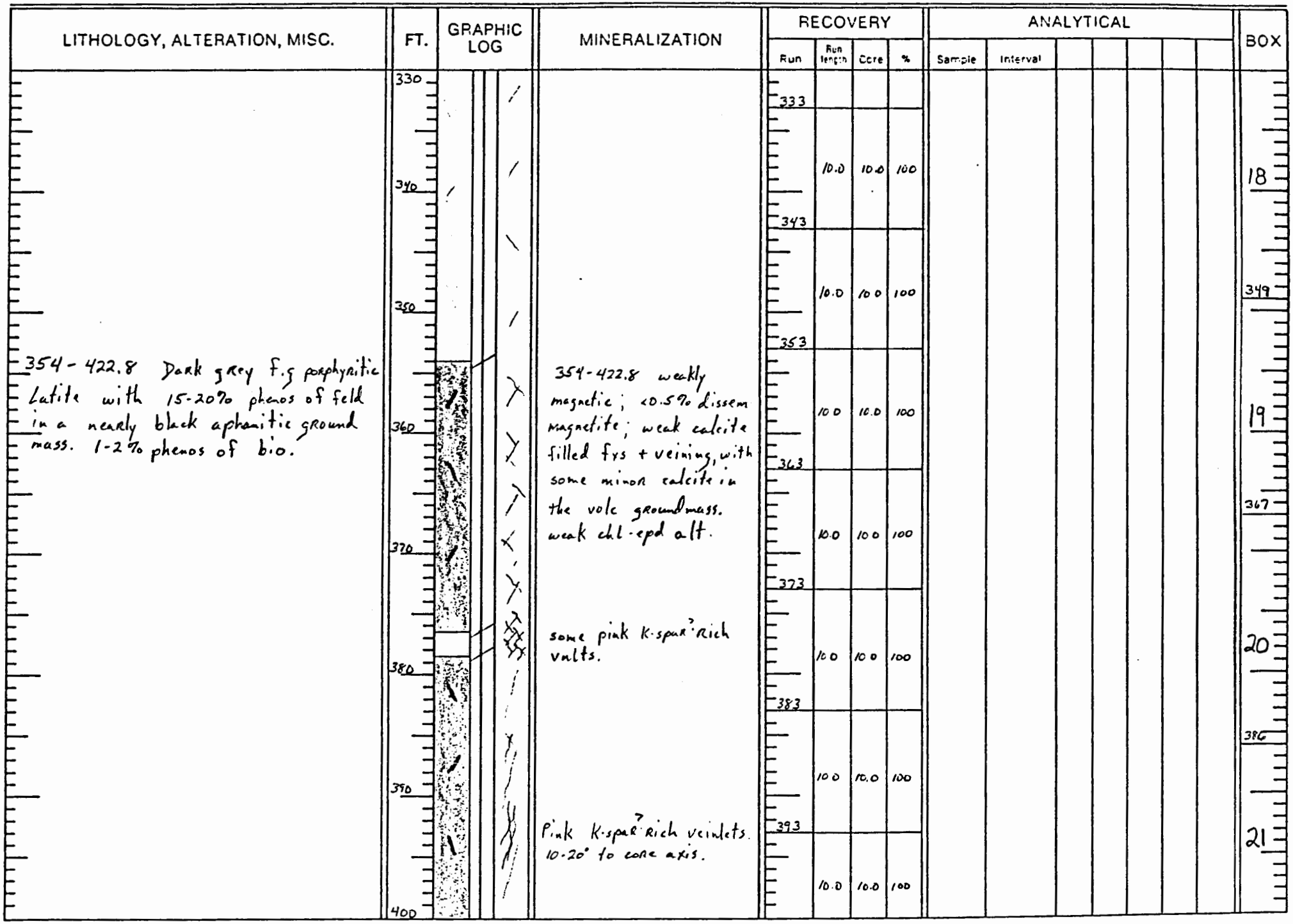
LITHOLOGY, ALTERATION, MISC.	FT.	GRAPHIC LOG	MINERALIZATION	RECOVERY Run	Run length	Core	%	ANALYTICAL Sample	Interval	BOX
20-56.5 - Medium to dark gray-green porphyritic Latite flows, 20-30% phenos of mostly feld - distinctly zoned probably both plag + K-spar, generally 0.1-0.4 cm. Very weakly altered to chlorite, with minor calcite veining. Also minor magnetite (~0.5%) generally dissem with minor veining - partly altered to hem.	10, 20, 30, 40, 50		0.2-0.5% dissem mt with some minor mt vnlts. Some clots of weakly magnetic hematite assoc w small bx zone and weak silicification	20.0						20
				23.0	3.0	3.0	100			
								26.0		
					10.0	10.0	100		5.0	1
				33.0				31.0		
					9.0	9.0	100			37
				42.0						
					7.0	7.0	100			2
				49.0						

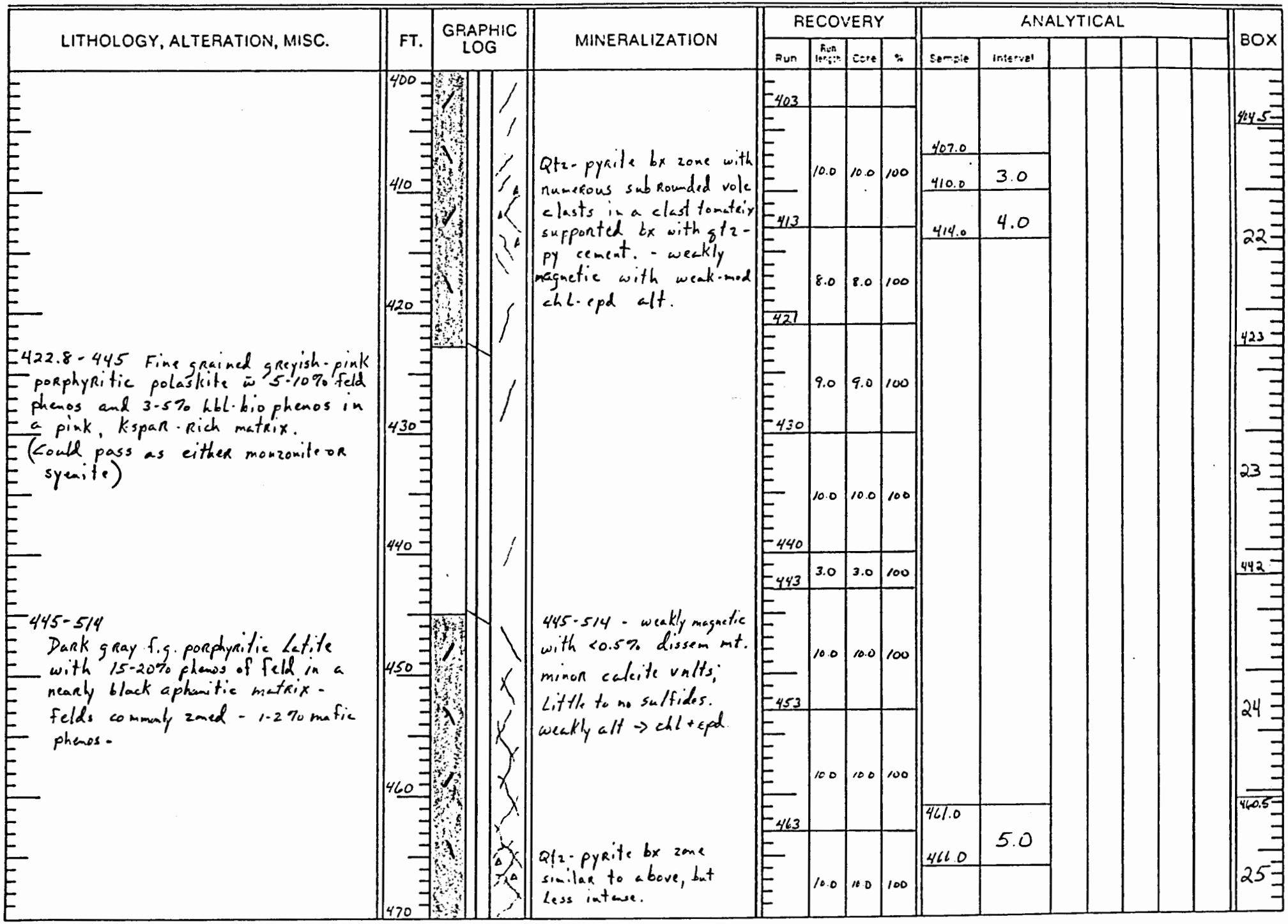

LITHOLOGY, ALTERATION, MISC.
FT.
GRAPHIC LOG
MINERALIZATION
RECOVERY
Run
Run length
Core
%
ANALYTICAL
Sample
Interval
BOX
56.5 - 69.0 Lt. green to pink fine grained porphyritic syenite (poluskite) dike. 5-7% phenos of K-spar + plag in a fine grained aphanitic matrix - <1% mafic phenos (altered to chlorite)
69.0 - 158.5
Dark grey porphyritic Latite with 20-30% phenos of feld in a fine grained aphanitic matrix. 2-3% mafic phenos mostly altered to chlorite.
Feldspar phenos in the Latite porphyry are hematite stained near the margins of the poluskite.
69.0 - 158.5 Generally <0.5% magnetite dissem throughout also ~0.5% calcite comm as veinlets throughout. occassional minor pyrite along fxs.
110 - 125 broken core
53.0
4.0
4.0
100
63.0
10.0
10.0
100
73.0
10.0
10.0
100
83.0
10.0
10.0
100
93.0
10.0
10.0
100
103.0
10.0
10.0
100
113.0
10.0
10.0
100
113.0
5.0
118.0
5.0
60
70
80
90
100
110
120
2
55.5
3
74.0
4
93.0
5
111.7

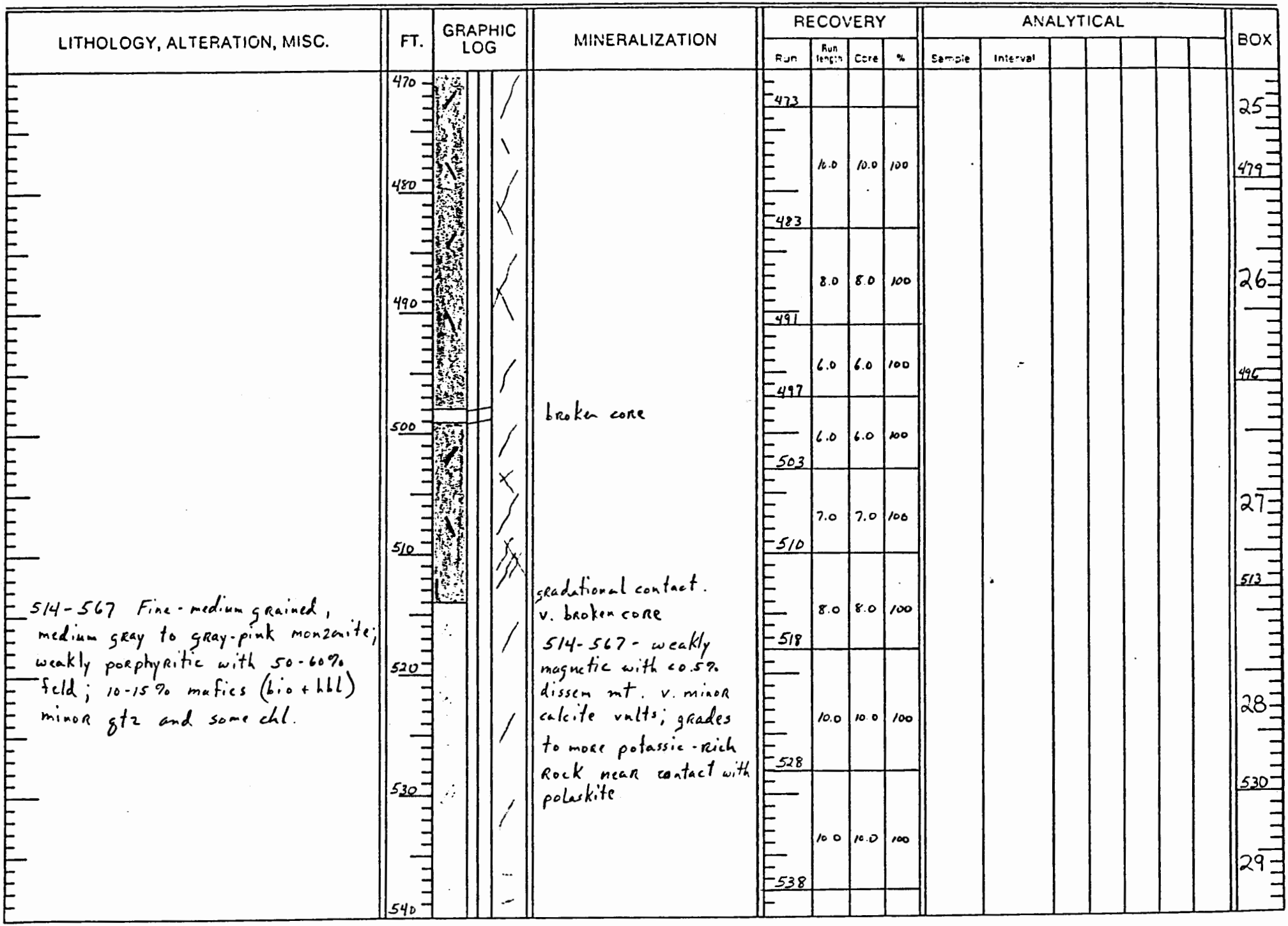

LITHOLOGY, ALTERATION, MISC.
FT.
GRAPHIC LOG
MINERALIZATION
RECOVERY
Run
Run length
Core
%
ANALYTICAL
Sample
Interval
BOX
69.0 - 158.5 - Dark gray porphyritic Latite flows - 20-30% phenos of Felds; both plag + K-spar - often zoned. Minor calcite veining. Generally <0.5% magnetite dissem throughout; v minor mt veining
158.5 - 181 Fine grained greenish pink monzonite with plag + biotite phenos up to 1cm in a pink, K-spar rich ground mass. Phenos account for 25-30% of Rock. Very minor alteration to chl + epd - some gtz.
181 - 210 At least 3 stages of porphyritic polaskite dike which seem younger than the monzonite. 10-20% phenos of plag in a f.g. pink groundmass. 1-2% mafic phenos. Partly altered to chl + epd
113 - 123 minor bxn with weak bleaching and calcite fx - fill; minor hematite
69.0-158.5 - Generally <0.5% dissem magnetite, partly altered to hem.
142 - 158 broken core
158.5 - 181 - weakly magnetic, <0.5% dissem magnetite; Little to no sulfides.
181-210 weakly magnetic; <0.5% dissem magnetite. v. weak chl - epd alteration mostly along fyst minor calcite veinlets.
120
130
140
150
160
170
180
190
123
130
140
150
158
164
173
183
7.0
7.0
100
10.0
10.0
100
10.0
10.0
100
8.0
8.0
100
6.0
6.0
100
9.0
9.0
100
10.0
10.0
100
123.0
5.0
170.0
175.0
5.0
6
129.2
7
147
8
165
9
183

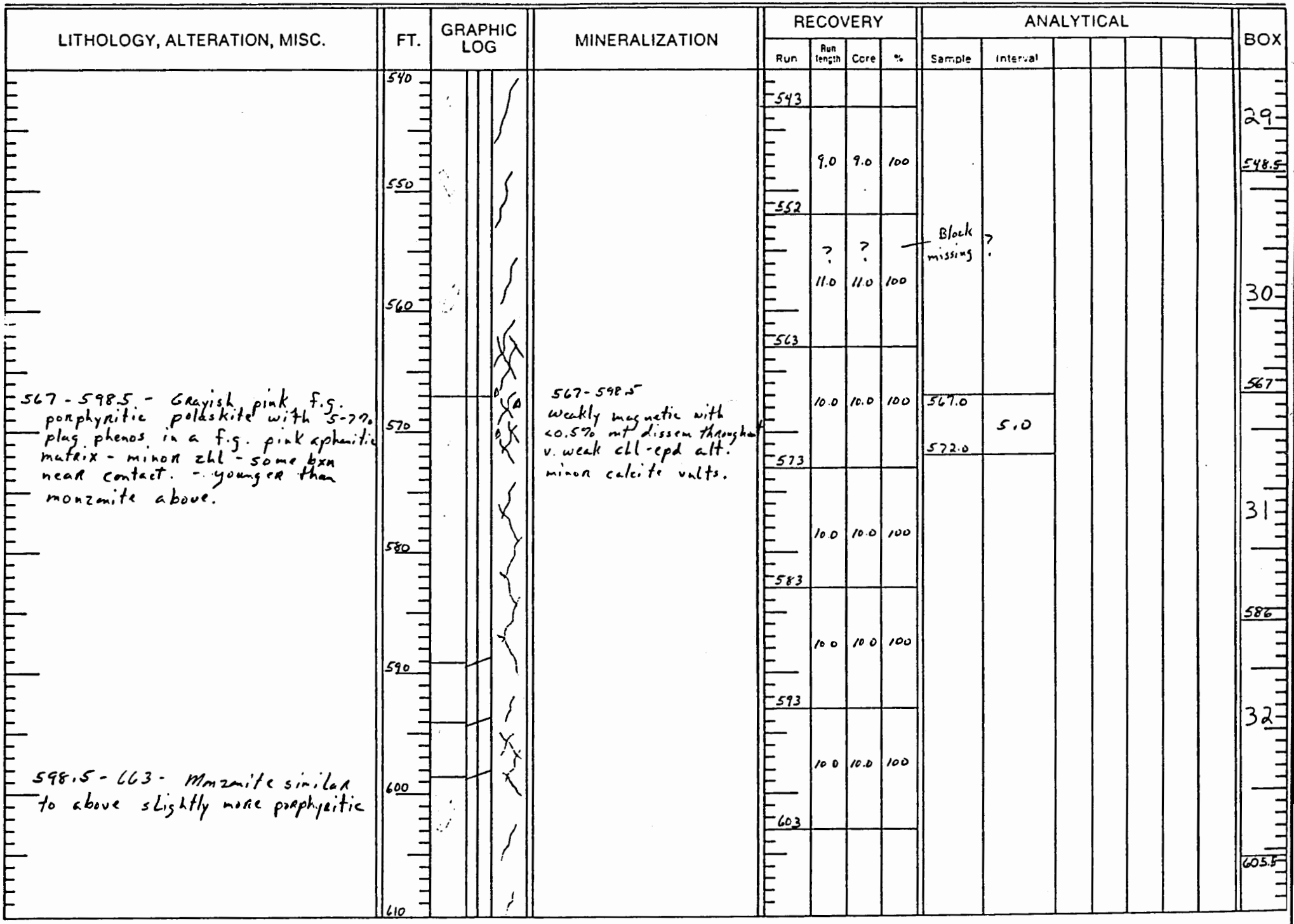
LITHOLOGY, ALTERATION, MISC.	FT.	GRAPHIC LOG	MINERALIZATION	RECOVERY				ANALYTICAL							BOX
				Run	Run length	Core	%	Sample	Interval						
190 - 210 (see previous page)	190			193	10.0	10.0	100								10
	200			202	9.0	9.0	100								202
210 - 311 Dark grey porphyritic Latite with 15-20% phenos of plag + K-spar in a f.g. almost black aphanitic groundmass. Feld phenos often zoned. 1-2% mafic phenos (mostly biotite)	210		broken core 210 - 311 weakly magnetic throughout; generally <0.5% mt dissem. partly altered to hem. some calc filled fxs. weak alteration to chl + epd.	212	10.0	10.0	100								11
	220			219	7.0	7.0	100								219
	230			229	10.0	10.0	100								12
	240		broken core	235	6.0	6.0	100								237
	250			243	8.0	8.0	100								13
	260			253	10.0	10.0	100								255


LITHOLOGY, ALTERATION, MISC.
FT.
GRAPHIC LOG
MINERALIZATION
RECOVERY
Run
Run length
Core
%
ANALYTICAL
Sample
Interval
BOX
260
220
280
290
300
310
320
330
263
273
283
293
303
313
323
10.0
10.0
100
306.0
5.0
14
15
16
17
273
291.5
310
329.5
311-354 Fine grained greenish pink porphyritic monzonite with phenos of plag, hbl + bio up to 1 cm. 15-20% phenos in a fig. pink K-spar-rich groundmass. some qtz. could be considered a polaskite, but seems more holoxlline than most polaskites in the area.
311-354- weakly magnetic <0.5% dissem mt; weak chl-epd alteration. also minor calcite veinlets throughout (<0.5%).


LITHOLOGY, ALTERATION, MISC.
FT.
GRAPHIC LOG
MINERALIZATION
RECOVERY
Run
Run length
Core
%
ANALYTICAL
Sample
Interval
BOX
330
340
350
360
370
380
390
400
333
343
353
363
373
383
393
10.0
10.0
100
10.0
10.0
100
10.0
10.0
100
10.0
10.0
100
10.0
10.0
100
10.0
10.0
100
10.0
10.0
100
18
19
20
21
349
367
386
354 - 422.8 Dark grey f.g porphyritic Latite with 15-20% phenos of feld in a nearly black aphanitic ground mass. 1-2% phenos of bio.
354 - 422.8 weakly magnetic; <0.5% dissem magnetite; weak calcite filled frs + veining, with some minor calcite in the volc groundmass. weak chl-epd alt.
some pink K-spar? rich vnlts.
Pink K-spar? rich veinlets. 10-20° to core axis.


LITHOLOGY, ALTERATION, MISC.
FT.
GRAPHIC LOG
MINERALIZATION
RECOVERY
Run
Run length
Core
%
ANALYTICAL
Sample
Interval
BOX
400
410
420
430
440
450
460
470
403
413
421
430
440
443
453
463
407.0
410.0
414.0
461.0
466.0
3.0
4.0
5.0
424.5
22
423
23
442
24
460.5
25
Qtz-pyrite bx zone with numerous sub rounded volc clasts in a clast tomatrix supported bx with qtz-py cement. - weakly magnetic with weak-mod chl-epd alt.
10.0 10.0 100
8.0 8.0 100
9.0 9.0 100
10.0 10.0 100
3.0 3.0 100
10.0 10.0 100
10.0 10.0 100
10.0 10.0 100
422.8 - 445 Fine grained greyish-pink porphyritic polaskite w 5-10% feld phenos and 3-5% hbl-bio phenos in a pink, Kspar-rich matrix. (Could pass as either monzonite or syenite)
445-514
Dark gray f.g. porphyritic Latite with 15-20% phenos of feld in a nearly black aphanitic matrix - felds commonly zoned - 1-2% mafic phenos -
445-514 - weakly magnetic with <0.5% dissem mt. minor calcite veins; Little to no sulfides. weakly alt -> chl+epd
Qtz-pyrite bx zone similar to above, but less intense.


LITHOLOGY, ALTERATION, MISC.
FT.
GRAPHIC LOG
MINERALIZATION
RECOVERY
Run
Run length
Core
%
ANALYTICAL
Sample
Interval
BOX
470
480
490
500
510
520
530
540
473
483
491
497
503
510
518
528
538
14.0
10.0
100
8.0
8.0
100
6.0
6.0
100
6.0
6.0
100
7.0
7.0
100
8.0
8.0
100
10.0
10.0
100
10.0
10.0
100
25
479
26
496
27
513
28
530
29
broken core
gradational contact.
v. broken core
514-567 - weakly magnetic with <0.5% dissem mt. v. minor calcite vnlts; grades to more potassic-rich rock near contact with pelaskite
514-567 Fine-medium grained, medium gray to gray-pink monzonite; weakly porphyritic with 50-60% feld; 10-15% mafics (bio + hbl) minor qtz and some chl.


LITHOLOGY, ALTERATION, MISC.
FT.
GRAPHIC LOG
MINERALIZATION
RECOVERY
Run
Run length
Core
%
ANALYTICAL
Sample
Interval
BOX
540
550
560
570
580
590
600
610
543
552
563
573
583
593
603
9.0
9.0
100
?
?
11.0
11.0
100
10.0
10.0
100
10.0
10.0
100
10.0
10.0
100
10.0
10.0
100
Block missing
?
567.0
572.0
5.0
29
548.5
30
567
31
586
32
605.5
567 - 598.5 - Grayish pink f.g. porphyritic polaskite with 5-7% plag phenos in a f.g. pink aphanitic matrix - minor chl - some bxn near contact. - younger than monzonite above.
598.5 - 663 - Monzonite similar to above slightly more porphyritic
567 - 598.5
weakly magnetic with <0.5% mt dissem throughout
v. weak chl-epd alt.
minor calcite vnlts.

LITHOLOGY, ALTERATION, MISC.	FT.	GRAPHIC LOG	MINERALIZATION	RECOVERY				ANALYTICAL							BOX
				Run	Run length	Core	%	Sample	Interval						
	610			613											
	620			623	10.0	10.0	100								33 624
	630			633	10.0	10.0	100								34 641
	640			643	10.0	10.0	100								35 658
	650			653	10.0	10.0	100								36
	660			663	10.0	10.0	100								
T.D. 663'															

APPENDIX 2
LABORATORY ASSAYS

SVL ANALYTICAL, INC.
REPORT OF ANALYTICAL RESULTS

SVL Job Number :X40343
Sample Receipt :12/21/94
Date of Report : 1/06/95
No. of Samples : 98 DC
P.O. No. :SKARN PACKAGE

Client: PAUL DIRCKSEN
ORVANA RESOURCES
1755 SILVER BEACH LOOP
COEUR D'ALENE ID 83814

ATTN: DOYLE ALBERS

CLIENT SAMPLE ID	Test : Units : Method:	Au ppb FA+AA	Ag ppm FA+AA	As ppm ICP	Bi ppm ICP	Co ppm ICP	Cu ppm ICP	Pb ppm ICP	Mo ppm ICP
TM94-4:250-253		18.	0.3	<10	<10	11	56	17	<2
TM94-4:253-259		12.	1.0	<10	14	11	73	53	<2
TM94-4:343-348		21.	0.3	<10	<10	9	36	19	<2
TM94-4:422-426		24.	0.7	<10	<10	13	98	32	13
TM94-4:468-472.5		22.	1.9	<10	11	11	260	78	<2
TM94-4:501.5-508		33.	0.4	<10	13	13	96	26	<2
TM94-4:508-513		8.	0.2	<10	<10	6	27	8	<2
TM94-4:513-518		<5.	0.2	<10	<10	10	21	13	<2
E94-1:26-31		<5.	0.1	<10	34	9	9	59	<2
E94-1:113-118		<5.	<0.1	<10	35	14	14	85	<2
E94-1:118-123		<5.	0.1	<10	42	14	11	72	<2
E94-1:170-175		10.	<0.1	<10	<10	8	30	22	<2
E94-1:301-306		15.	0.1	<10	44	13	11	35	62
E94-1:407-410		20.	0.2	<10	<10	12	5	61	31
E94-1:410-414		29.	0.1	<10	<10	9	8	41	15
E94-1:461-466		21.	<0.1	<10	18	10	7	49	<2
E94-1:567-572		6.	0.1	<10	<10	<2	6	16	3
TM94-4:137-143 EXTRA		31.	0.2	<10	<10	9	67	7	<2

SVL ANALYTICAL, INC.
REPORT OF ANALYTICAL RESULTS

SVL Job Number :X40343
Sample Receipt :12/21/94
Date of Report : 1/06/95
No. of Samples : 98 DC
P.O. No. :SKARN PACKAGE

Client: PAUL DIRCKSEN
ORVANA RESOURCES
1755 SILVER BEACH LOOP
COEUR D'ALENE ID 83814

ATTN: DOYLE ALBERS

CLIENT SAMPLE ID	Test : Units : Method:	Zn ppm ICP	Ba ppm ICP
TM94-4:250-253		66	150
TM94-4:253-259		150	280
TM94-4:343-348		51	200
TM94-4:422-426		77	38
TM94-4:468-472.5		180	67
TM94-4:501.5-508		60	71
TM94-4:508-513		30	11
TM94-4:513-518		39	120
E94-1:26-31		80	46
E94-1:113-118		87	280
E94-1:118-123		77	410
E94-1:170-175		35	23
E94-1:301-306		61	380
E94-1:407-410		87	56
E94-1:410-414		55	55
E94-1:461-466		110	57
E94-1:567-572		52	16
TM94-4:137-143 EXTRA		33	140

Reviewed By: Carol Williams Date: 1/6/95 Charges : $1,591.25