

DIAMOND DRILLING



52N04NW0008 29 MCDONOUGH

010

Township: McDONOUGH

Report No: 29

WORK PERFORMED FOR: Pure Gold Resources Inc.

RECORDED HOLDER: SAME AS ABOVE [xx]

: OTHER []

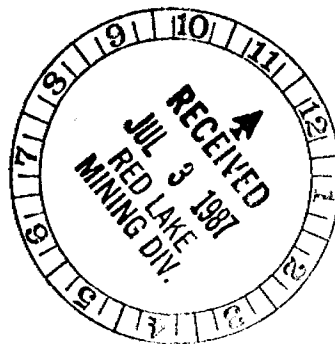
<u>CLAIM NO.</u>	<u>HOLE NO.</u>	<u>FOOTAGE</u>	<u>DATE</u>	<u>NOTE</u>
KRL 869710	NMD87-01	141.77m	Jan/87	(1)
KRL 869710	NMD87-02	147.8 m	JAn/87	(1)
KRL 894603	NMD87-03	606 '	Jan/87	(1)
KRL 865598	NMD87-04	207.6'	Jan/87	(1)
KRL 865593	NMD87-05	426 '	Feb/87	(1)
KRL 869712	NMD87-06	549 '	Feb/87	(1)
KRL 869714	NMD87-07	363 '	Feb/87	(1)
KRL 869714	NMD87-08	407 '	Feb/87	(1)
KRL 869725	NMD87-09	946 '	Feb/87	(1)

NOTES: (1) #67-87, filed in Jan/88.

DIAMOND DRILL LOGS
AND SECTIONS

McDONOUGH

GREATER TEMAGAMI MINES LTD.



NORAMCO EXPLORATIONS INC.

NMDB7-01

04-07-1987::12:55

DIAMOND DRILL LOG

Property:	McDONOUGH 1447	NTS:	52N/4	Township:	McDONOUGH
Partner:		Claim #:	KRL 869710	Coordinates:	37+00W , 10+00S
Azimuth:	270 degrees	Dip:	-51 degrees	Length:	141.77 meters
Logged By:	Eugene T.C. Flood	Casing:	Out	Elevation:	Surface
Date Started:	Jan.4/1987	Date Completed:	Jan.8/1987	Date Logged:	Jan.9/1987
Core Size:	EO	Core Location:	Buffalo Mine Site	Samples Shipped:	Jan.14/1987
Drill Company:	M&B Drilling	Overburden:	1.83 meters		

Acid Dip Tests

1. 60.78 m -49 deg.

2. 121.95 m -48 deg.

Purpose

To intersect mineralized fracture zone
To intersect sediment/quartz diorite contact

Conclusions

Quartz veining and associated sulphides are present
in a weakly fractured system
Sediment/Quartz diorite contact not intersected

Recommendations

DDH NMDB7-02 should be collared 200m to the east.

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DIAMOND DRILL LOG -- SUMMARY

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From(m)	To(m)	Description	Mineralization(s)	Alteration(s)
0.0	1.8	OVERBURDEN		
1.8	37.2	QUARTZ FELDSPAR PORPHYRY	Pyrite	Chlorite
37.2	39.1	MAFIC VOLCANIC	Pyrite	Carbonate Chlorite
39.1	52.7	QUARTZ FELDSPAR PORPHYRY	Pyrite	Carbonate
52.7	55.1	MAFIC VOLCANIC	Pyrite	
55.1	141.8	QUARTZ FELDSPAR PORPHYRY	Pyrite	Silica Carbonate
141.8		END OF HOLE.		

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DIAMOND DRILL LOG

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From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
0.0	1.8	OVERBURDEN									
1.8	37.2	QUARTZ FELDSPAR PORPHYRY									
		Light Grey	1451	1.85	3.35	1.50					
		Plagioclase: 60%	1452	3.35	4.35	1.00					
		Quartz: 35%	1453	4.35	5.35	1.00					
		Coarse Grained									
		Lower Contact at 35 Deg. Cax.	1454	6.81	7.31	0.50					
		Massive									
		Weakly Fractured (1 Fractures/Meter)	1455	7.12	8.12	1.00					
		1% Quartz Veining random -- Avg. Width 1cm									
		Pyrite: <1% dissem. and in stringers	1456	12.10	13.10	1.00					
		Chlorite Alteration: trace in spots									
		Non Magnetic	1457	13.72	14.72	1.00					
		Section 1.83-3.35m ground iron stained core	1458	15.14	15.64	0.50					
		40% core recovery over this section	1459	17.48	18.48	1.00					
			1460	24.21	24.71	0.50					
			1461	26.02	27.02	1.00					
			1462	28.55	29.16	0.61					
			1463	29.16	29.77	0.61					
			1464	30.62	31.53	0.91					

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DIAMOND DRILL LOG

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From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
			1465	32.67	32.98	0.31					
			1466	33.18	33.64	0.46					
			1467	33.64	34.55	0.91					
			1468	34.55	35.16	0.61					
			1469	35.16	35.77	0.61					
			1470	35.77	36.69	0.92					
			1471	36.69	37.33	0.64					
37.2	39.1	MAFIC VOLCANIC									
		Dark Green Fine Grained Lower Contact at 80 Deg. Cax. Extremely Fractured (48 Fractures/Meter) 35% Carbonate Veining random -- Avg. Width 2mm Pyrite: 1% disseminated Carbonate Alteration: 10% in veins Chlorite Alteration: 1% in fine spots and thin stringers Non Magnetic	1472	37.33	38.21	0.88					
		Upper contact at 35 Deg.Cax. 3cm section of quartz diorite at 37.8m									
39.1	52.7	QUARTZ FELDSPAR PORPHYRY									
		Light Grey Plagioclase: 60% Quartz: 35%	1473	39.63	40.55	0.92					

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DIAMOND DRILL LOG

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From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
		Plagioclase: 60%	1481	56.40	56.71	0.31					
		Quartz: 35%									
		Coarse Grained Massive	1482	59.02	59.32	0.30					
		Weakly Fractured (2 Fractures/Meter)	1483	62.50	62.80	0.30					
		Quartz Veining at 40 Deg. Cax. -- Avg. Width 1cm									
		Pyrite: less than 1% in stringers	1484	63.34	63.64	0.30					
		Silica Alteration: 1-2%									
		Carbonate Alteration: very weak	1485	64.02	64.48	0.46					
		Non Magnetic	1486	64.48	65.09	0.61					
		Pyrite usually associated with quartz veining	1487	65.40	65.70	0.30					
		Quartz Feldspar Porphyry grades into a Quartz Diorite at 74m	1488	72.79	73.09	0.30					
		74m-141.77m Quartz Diorite									
		END OF HOLE AT 141.77m	1489	74.85	75.15	0.30					
			1490	75.51	75.81	0.30					
			1491	80.18	80.79	0.61					
			1492	85.67	86.28	0.61					
			1493	89.94	90.24	0.30					
			1494	95.55	95.86	0.31					

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DIAMOND DRILL LOG

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From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
			1495	105.33	105.79	0.46					
			1496	111.46	111.76	0.30					
			1497	120.68	121.14	0.46					
			1498	124.90	125.20	0.30					
			1499	126.45	127.06	0.61					
			1500	129.88	130.18	0.30					
			1501	132.01	132.32	0.31					
			1502	132.62	132.93	0.31					
			1503	132.93	133.38	0.45					
			1504	134.38	134.95	0.57					
			1505	135.67	136.43	0.76					
			1506	138.11	138.57	0.46					

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Sample Comments

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Sample No.	From (m)	To (m)	Width (m)	-----Remarks-----
1451	1.85	3.35	1.50	QFP tr.py.&carb.Broken core
1452	3.35	4.35	1.00	QFP 1% py dissem.&stringers
1453	4.35	5.35	1.00	QFP 1%py assoc.w/carb.&qvs
1454	6.81	7.31	0.50	QFP silic.chlor.tr.py.
1455	7.12	8.12	1.00	QFP <1%py thin qtz veins
1456	12.10	13.10	1.00	QFP saussurite tr.py.qvs
1457	13.72	14.72	1.00	QFP Thin qtz & py stringers
1458	15.14	15.64	0.50	QFP 5mm musc.carb.veins tr.py
1459	17.48	18.48	1.00	QFP <1%py assoc.w/thin qvs
1460	24.21	24.71	0.50	QFP qtz-musc.veins tr.py/cpy
1461	26.02	27.02	1.00	QFP <1%py assoc.w/carb. qvs.
1462	28.55	29.16	0.61	QFP 1-2% py. thin qtz veins
1463	29.16	29.77	0.61	QFP 1%py dissem.Thin qvs
1464	30.62	31.53	0.91	QFP <1%py Thin qvs min.carb.
1465	32.67	32.98	0.31	QFP sev.qtz & carb.veins 1%py
1466	33.18	33.64	0.46	QFP 1-2%py saussuritization
1467	33.64	34.55	0.91	QFP 1%py thin qtz&carb veins
1468	34.55	35.46	0.91	QFP 1-2%py thin qtz veins

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Sample Comments

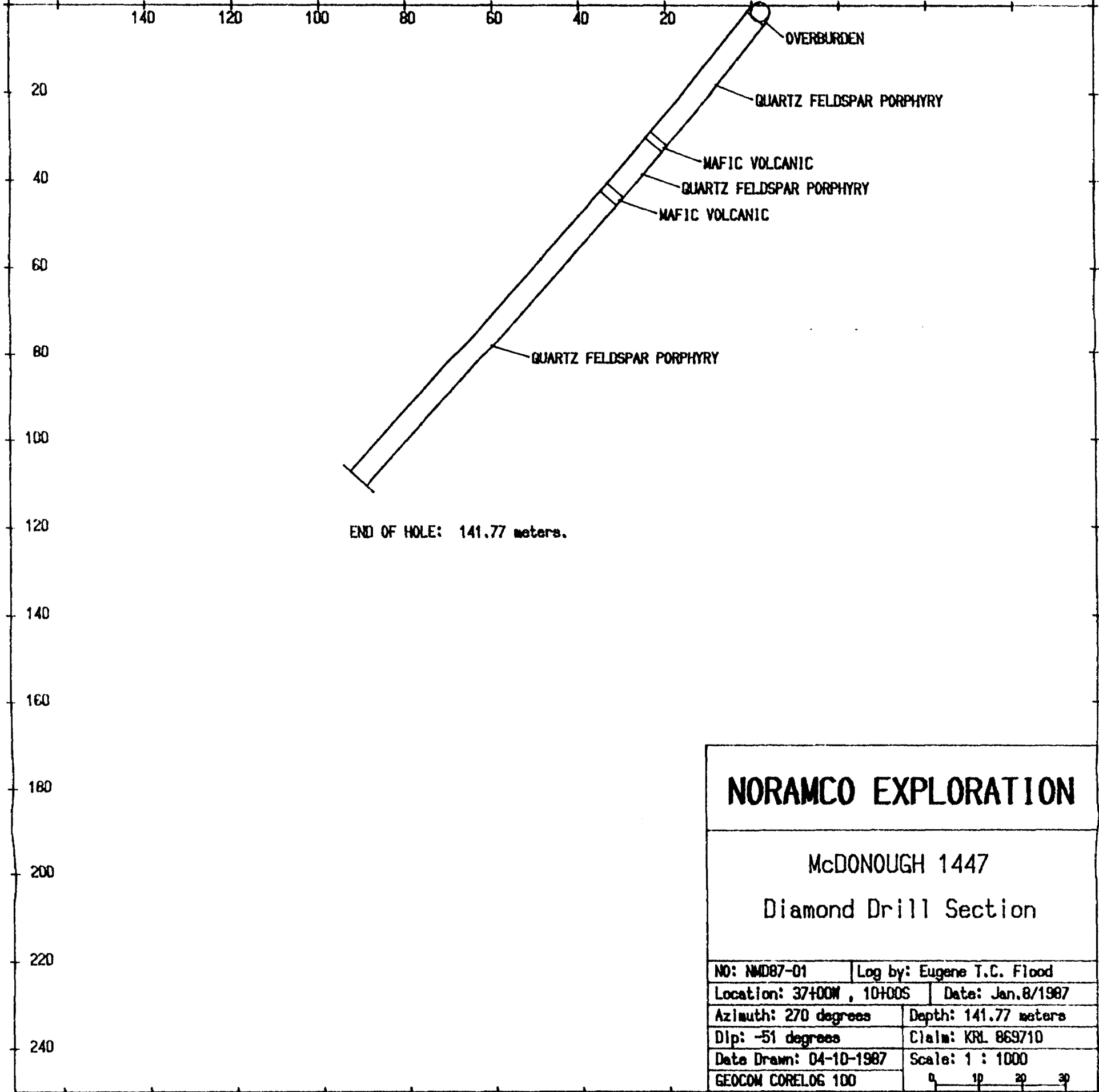
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Sample No.	From (m)	To (m)	Width (m)	-----Remarks-----
1485	64.02	64.48	0.46	QFP 1%py 1/2"qv low angle c.a.
1486	64.48	65.09	0.61	QFP 1-2%py 1"qv+sev.thin qvs
1487	65.40	65.70	0.30	QFP 1-2%py irreg.qtz veins
1488	72.79	73.09	0.30	QFP 1%py 3-1/2" qtz veins
1489	74.85	75.15	0.30	QD 2%py sev.thin qtz veins
1490	75.51	75.81	0.30	QD 2%py Ext.grey silic.
1491	80.18	80.79	0.61	QD 1%py 10-15% qtz veining
1492	85.67	86.28	0.61	QD 2%py 5-10% qtz veining
1493	89.94	90.24	0.30	QD 1%py 5-10%qvs brecc.text.
1494	95.55	95.86	0.31	QD Thin qtz veins with py.
1495	105.33	105.79	0.46	QD 4-1/2"qvs w/py weak carb.
1496	111.46	111.76	0.30	QD 1%py assoc.w/thin qvs
1497	120.68	121.14	0.46	QD 1%py 1"qtz-tourm.vein
1498	124.90	125.20	0.30	QD 1-2%py Thin qtz vein w/py.
1499	126.45	127.06	0.61	QD sev.thin qvs with py.
1500	129.88	130.18	0.30	QD Sev.thin qvs w/py & biotite
1501	132.01	132.32	0.31	QD qtz veining with py
1502	132.32	132.32	0.00	QD 1-2%py assoc. w/thin qvs

NMD87-01

ELEVATION: Surface

AZIMUTH: 270 degrees



NORAMCO EXPLORATIONS INC.

NMD87-02

04-07-1987::13:13

DIAMOND DRILL LOG

Property:	McDonough 1447	NTS:	52N/4	Township:	McDonough
Partner:		Claim #:	869710	Coordinates:	35+00W , 10+00S
Azimuth:	270 degrees	Dip:	-44 degrees	Length:	147.8 meters
Logged By:	William S. Donaldson	Casing:	Out	Elevation:	Surface
Date Started:	January 9 1987	Date Completed:	January 16 1987	Date Logged:	January 12-17 1987
Core Size:	B0	Core Location:	Buffalo Mine Site	Samples Shipped:	January 20 1987
Drill Company:	M & B Drilling	Overburden:	10.9 meters		

Acid Dip Tests

1. 60.97 m 0 deg.

2. 121.95 m -41 deg.

Purpose

To intersect mineralized fracture zones
To intersect the sediment/quartz diorite contact

Conclusions

Sediment/porphyry contact encountered
Several pyritiferous mineralized zones noted

Recommendations

DDH NMD 07-03 should be collared 200m to the east

NORAMCO EXPLORATIONS INC.

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DIAMOND DRILL LOG -- SUMMARY

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From(m)	To(m)	Description	Mineralization(s)	Alteration(s)
0.0	10.9	OVERBURDEN		
10.9	23.5	QUARTZ FELDSPAR PORPHYRY	Pyrite	Carbonate Chlorite
23.5	37.0	CLASTIC METASEDIMENTS	Pyrite	Green Mica Carbonate
37.0	65.9	DIORITE	Pyrite	Carbonate
65.9	147.8	QUARTZ FELDSPAR PORPHYRY	Pyrite	Carbonate
147.8		END OF HOLE.		

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DIAMOND DRILL LOG

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From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
		<p>Chrome-green micaceous alteration is associated with weak to moderate pervasive carbonate alteration at 25.9 - 26.8 m.</p> <p>Also noted from 28.04 - 28.65m/29.71 - 31.69m/36.57 - 37.00m. Conglomerate with 2 cm long semi-angular clasts from 29.27 - 29.57m.</p> <p>Diorite intrusive with 1% pyrite from 35.37 - 36.59m.</p> <p>Overall unit is structurally deformed and altered.</p>									
37.0	65.9	DIORITE									
		Light-Grey to Dark-Grey									
		Plagioclase: - 60%	1516	45.12	45.73	0.61					
		Quartz: - 30%									
		Fine Grained	1517	47.87	48.78	0.91					
		Fracturing at 40 Deg. Cax.									
		Weakly Fractured (2 Fractures/Meter)	1518	51.82	52.43	0.61					
		1% Quartz Veining Random -- Avg. Width 3mm	1519	52.43	53.35	0.92					
		Pyrite: - up to 1% in blebs/disseminations									
		Carbonate Alteration: - 1% as 1mm fracture fill	1520	57.62	58.23	0.61					
		Non Magnetic									
			1521	62.19	63.10	0.91					
		39.63m - green mica alteration with carbonate in a 5 cm wide zone	1522	63.71	64.63	0.92					
		62.5m - massive pyrite fracture filling									
		63.87 - 64.63m - bleached altered zone									
65.9	147.8	QUARTZ FELDSPAR PORPHYRY									
		Same as 10.9 - 23.5									
		Light-Grey to White	1523	67.99	68.60	0.61					

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DIAMOND DRILL LOG

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From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
		Plagioclase: - 60%									
		Quartz: - 35%	1524	70.73	71.65	0.92					
		Coarse Grained									
		Contacts at 56 Deg. Cax.									
		Weakly Fractured (2 Fractures/Meter)									
		1% Quartz Veining at 25 Deg. Cax. -- Avg. Width 4 mm	1525	71.65	72.26	0.61					
		Pyrite: - 1% in fractures and lenses									
		Carbonate Alteration: - trace as hairline fracture filling	1526	76.22	76.83	0.61					
		Non Magnetic	1527	76.83	77.44	0.61					
		68.29m - 1 cm wide green mica alteration at 38 deg. cax.	1528	78.05	78.96	0.91					
		117.4 - 118.0m : Lamprophyre dyke with trace disseminated	1529	78.96	79.88	0.92					
		pyrite. UC @ 56 deg. cax.; LC @ 61 deg. cax.	1530	79.88	80.79	0.91					
		120.4 - 129.6m: Up to 2% disseminated pyrite and blebs									
		END OF HOLE AT 147.8m	1531	83.07	83.84	0.77					
			1532	86.28	86.89	0.61					
			1533	89.33	89.93	0.60					
			1534	94.51	95.12	0.61					
			1535	96.65	96.95	0.30					
			1536	99.39	100.00	0.61					
			1537	102.74	103.35	0.61					

NORAMCO EXPLORATIONS INC.

NMDB7-02

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DIAMOND DRILL LOG

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From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
			1538	105.49	106.10	0.61					
			1539	108.84	109.15	0.31					
			1540	111.28	111.58	0.30					
			1541	112.50	112.80	0.30					
			1542	114.93	115.55	0.62					
			1543	117.98	118.60	0.62					
			1544	124.08	124.39	0.31					
			1545	126.52	126.83	0.31					
			1546	127.43	128.35	0.92					
			1547	130.18	130.79	0.61					
			1548	135.06	135.67	0.61					

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NMD87-0

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DIAMOND DRILL LOG

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From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
			1549	138.72	139.63	0.91					
			1550	141.76	142.37	0.61					
			1551	143.90	144.51	0.61					
			1552	147.26	147.87	0.61					

147.8

END OF HOLE.

NORAMCO EXPLORATIONS INC.

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Sample Comments

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Sample No.	From (m)	To (m)	Width (m)	-----Remarks-----
1507	11.28	12.19	0.91	QFP with tr. py/some qv.
1508	14.32	15.24	0.92	QFP qv tr. py
1509	19.81	20.42	0.61	QFP qv 1% py
1510	20.42	21.03	0.61	QFP 3cm py/tr. py
1511	21.03	21.64	0.61	QFP py carb qv
1512	25.91	26.82	0.91	CMS mica alt. carb
1513	30.18	30.79	0.61	CMS mica alt. c. qv
1514	33.84	34.75	0.91	CMS as #1513
1515	36.28	36.89	0.61	Diorite/CMS contact
1516	45.12	45.73	0.61	DIO 1% py
1517	47.87	48.78	0.91	DIO 1% py qv
1518	51.82	52.43	0.61	DIO 1% py qv
1519	52.43	53.35	0.92	DIO 1% py blebs
1520	57.62	58.23	0.61	DIO 1mm py lens qv
1521	62.19	63.10	0.91	DIO bleached veins
1522	63.71	64.63	0.92	DIO bleach tr. py
1523	67.99	68.60	0.61	QFP mica alt. 1% py
1524	70.73	71.65	0.92	QFP diss. py alt.

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NMD87-0

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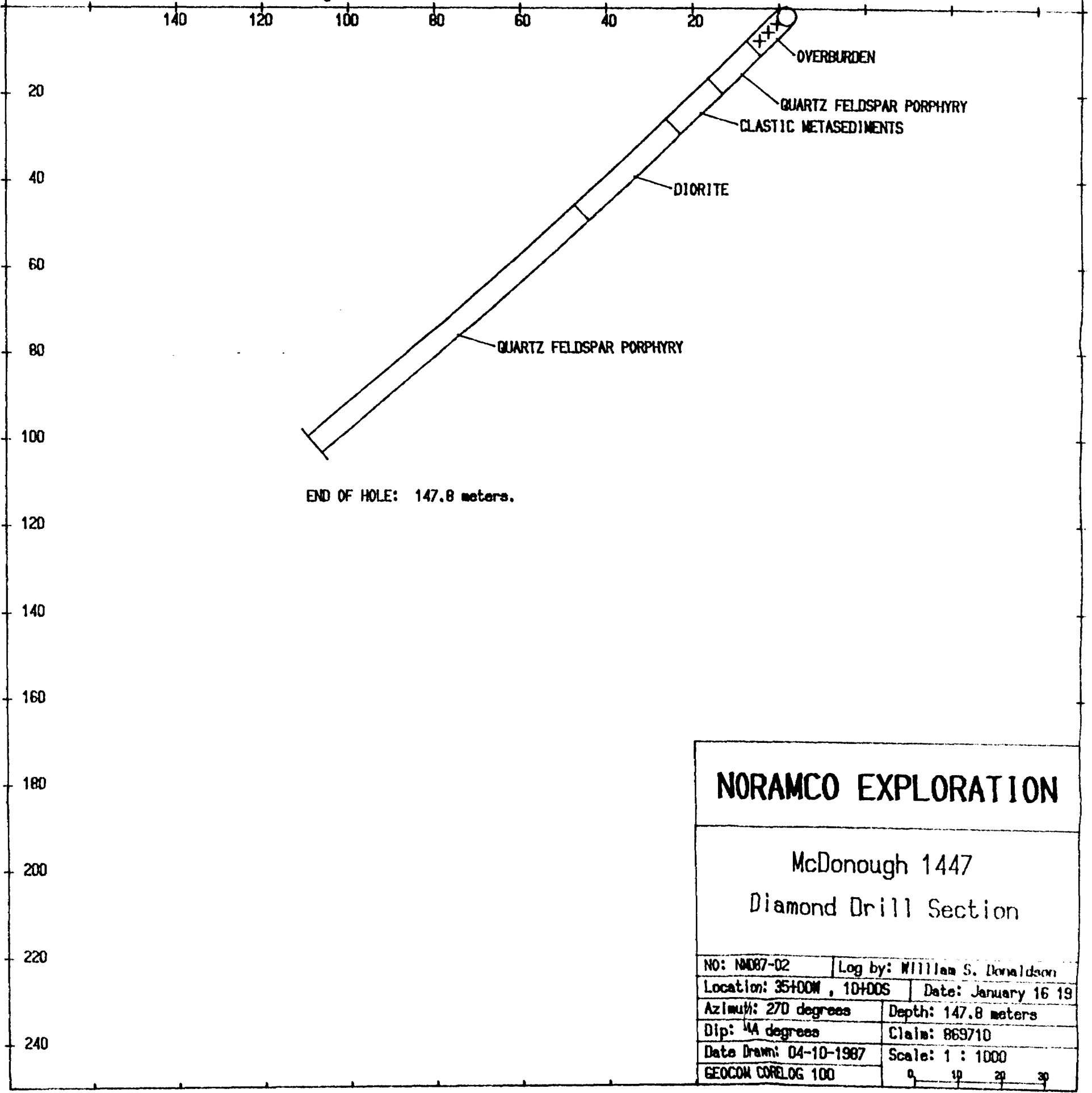
Sample Comments

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Sample No.	From (m)	To (m)	Width (m)	-----Remarks-----
1541	112.50	112.80	0.30	QFP tr. diss. py
1542	114.93	115.55	0.62	QFP tr. diss py
1543	117.98	118.60	0.62	QFP several 1mm py str.
1544	124.08	124.39	0.31	QFP mass. py blebs.
1545	126.52	126.83	0.31	QFP mass. py stringers
1546	127.43	128.35	0.92	QFP tr. diss py
1547	130.18	130.79	0.61	QFP tr. diss. py
1548	135.06	135.67	0.61	QFP 1% diss. py
1549	138.72	139.63	0.91	QFP bleach diss py
1550	141.76	142.37	0.61	QFP 2mm py lens
1551	143.90	144.51	0.61	QFP tr diss py
1552	147.26	147.87	0.61	QFP tr diss py

NMD87-02

ELEVATION: Surface AZIMUTH: 270 degrees



NORAMCO EXPLORATION

McDonough 1447
Diamond Drill Section

NO: NMD87-02	Log by: William S. Donaldson
Location: 35+00W , 10+00S	Date: January 16 19
Azimuth: 270 degrees	Depth: 147.8 meters
Dip: 44 degrees	Claim: 869710
Date Drawn: 04-10-1987	Scale: 1 : 1000
GEOCOM CORELOG 100	0 10 20 30

NORAMCO EXPLORATIONS INC.

NMD87-03

04-07-1987::13:20

DIAMOND DRILL LOG

Property:	McDonough 1447	NTS:	52N/4	Township:	McDonough
Partner:		Claim #:	894603	Coordinates:	33+00W , 10+00S
Azimuth:	270 degrees	Dip:	-45 degrees	Length:	606 feet
Logged By:	William S. Donaldson	Casing:	Out	Elevation:	Surface
Date Started:	February 5 1987	Date Completed:	February 7 1987	Date Logged:	February 7-8 1987
Core Size:	BQ	Core Location:	Buffalo Mine Site	Samples Shipped:	February 9 1987
Drill Company:	Trans Arctic Drilling	Overburden:	12.5 feet		

Acid Dip Tests

# 1.	200 ft	-44 deg.	# 2.	400 ft	-42 deg.
# 3.	600 ft	-39 deg.			

Purpose

To intersect mineralized fracture zones.
To intersect the sediment / quartz diorite contact.

Conclusions

Sediment/porphyry contact intersected at 120.73m
No heavily mineralized fracture zones were encountered
in this hole.

Recommendations

No further work suggested unless assay results indicate
otherwise.

NORAMCO EXPLORATIONS INC.

NMD87-03

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DIAMOND DRILL LOG -- SUMMARY

Page 2

From(ft)	To(ft)	Description	Mineralization(s)	Alteration(s)
0.0	12.5	OVERBURDEN		
12.5	108.0	WACKE	Pyrite Silica	Silica -
108.0	118.5	QUARTZ-FELDSPAR PORPHYRY	Pyrite	Biotite
118.5	182.5	WACKE	Pyrite	Silica Tourmaline Garnet
182.5	192.8	MAFIC VOLCANIC (GABBROIC)	Pyrite	
192.8	296.5	WACKE	Pyrite	Silica Biotite
296.5	363.0	BIOTITE QUARTZ FELDSPAR PORPHYRY	Pyrite	Biotite Amphibolite
363.0	376.0	WACKE	Pyrite	Biotite
376.0	606.0	BIOTITE QUARTZ FELDSPAR PORPHYRY	Pyrite	Biotite Chlorite

NORAMCO EXPLORATIONS INC.

NMD87-03

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DIAMOND DRILL LOG -- SUMMARY

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=====
From(ft) To(ft) -----Description-----Mineralization(s)-----Alteration(s)-----

606.0 END OF HOLE.

NORAMCO EXPLORATIONS INC.

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DIAMOND DRILL LOG

Page 4

From (ft)	To (ft)	Description	Sample No.	From (ft)	To (ft)	Width (ft)	Au (oz/t)	Ag (oz/t)	Cu (ppm)	Zn (ppm)	Pb (ppm)
--------------	------------	-------------	---------------	--------------	------------	---------------	--------------	--------------	-------------	-------------	-------------

0.0 12.5 OVERBURDEN

12.5 108.0 WACKB

Grey
 Fine Grained
 Massive
 Weakly Fractured (2 Fractures/Feet)
 2% Quartz Veining Random -- Avg. Width 1 cm
 Pyrite: - 1%
 : - trace at 16.76m
 Silica Alteration: - pervasive
 - Alteration: - bleaching over 15% of section
 Non Magnetic

Gabbroic dikes have intruded the rock at 13.26 m (5 cm
 stringer) and from 15.09 - 15.54m
 Pyrite is disseminated in and around quartz veins.

108.0 118.5 QUARTZ-FELDSPAR PORPHYRY

Grey
 Plagioclase: - 60%
 Quartz: - 30%
 Medium Grained
 Massive
 No Fracturing?! (0 Fractures/Feet)
 << 0.5% Quartz Veining at 48 Deg. Cax. -- Avg. Width 5 mm
 Pyrite: - 1% in fractures
 Biotite Alterations: - trace in fractures
 Non Magnetic

This dike is probably an offshoot of the main porphyry

NORAMCO EXPLORATIONS INC.

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DIAMOND DRILL LOG

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From (ft)	To (ft)	Description	Sample No.	From (ft)	To (ft)	Width (ft)	Au (oz/t)	Ag (oz/t)	Cu (ppm)	Zn (ppm)	Pb (ppm)
376.0	606.0	BIOTITE QUARTZ FELDSPAR PORPHYRY									
		Grey									
		Plagioclase: - 60%	4177	392.00	395.00	3.00					
		Quartz: - 30%									
		-: - biotite 10%	4178	397.00	400.00	3.00					
		Coarse Grained									
		Massive	4179	417.00	420.00	3.00					
		No Fracturing?! (0 Fractures/Feet)									
		2% Quartz Veining Random -- Avg. Width 8 mm	4180	427.00	430.00	3.00					
		Pyrite: - 1%									
		Biotite Alteration: - in quartz filled fractures as stringers	4181	434.00	436.00	2.00					
		Chlorite Alteration: - trace in quartz filled fractures	4183	465.00	467.00	2.00					
		Non Magnetic									
			4182	466.00	468.00	2.00					
		130.18 - 131.25m: The porphyry has been strongly bleached to a pale yellow-green-white colour.	4184	467.00	469.00	2.00					
		135.67m: A 30 cm part of the unit is bleached but not to the extent of other area.	4185	488.00	491.00	3.00					
		150.30m: 16 cm wide milky quartz vein (1% py)	4186	491.00	494.00	3.00					
		END OF HOLE AT 184.75m.	4187	506.00	509.00	3.00					
			4188	527.00	530.00	3.00					
			4189	531.00	534.00	3.00					
			4190	537.00	540.00	3.00					

NORAMCO EXPLORATIONS INC.

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DIAMOND DRILL LOG

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From (ft)	To (ft)	Description	Sample No.	From (ft)	To (ft)	Width (ft)	Au (oz/t)	Ag (oz/t)	Cu (ppm)	Zn (ppm)	Pb (ppm)
			4191	540.00	543.00	3.00					
			4193	546.00	548.00	2.00					
			4192	550.00	553.00	3.00					
			4194	568.00	571.00	3.00					
			4195	586.00	588.00	2.00					
			4196	588.00	591.00	3.00					
			4197	596.00	599.00	3.00					

606.0

END OF HOLE.

NORAMCO EXPLORATIONS INC.

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Sample Comments

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Sample No.	From (ft)	To (ft)	Width (ft)	-----Remarks-----
4152	122.00	124.00	2.00	WACKE 2% py qv fractured
4153	133.00	135.00	2.00	WACKE 2% py gar.
4154	147.00	150.00	3.00	WACKE qv bleach tr py
4155	162.00	164.00	2.00	WACKE qv 1% py tr chl alt
4156	172.00	174.00	2.00	WACKE qv 1% py biotite mv
4157	182.00	185.00	3.00	MV bleached qv biotite?
4158	188.00	191.00	3.00	MV pervasive qv
4159	213.00	215.00	2.00	WACKE qv tr py
4160	221.00	224.00	3.00	WACKE qv 1% py tr. bleach
4161	239.00	242.00	3.00	WACKE qv faint bleach py
4162	248.00	251.00	3.00	WACKE qv bleached tr py
4163	258.00	260.00	2.00	WACKE 2% py bleached biotite
4164	276.50	278.00	1.50	WACKE qv bleached
4165	278.00	279.00	1.00	WACKE qv 1% py chl alt
4166	279.00	280.00	1.00	WACKE qv 1% py chl alt
4167	280.00	283.00	3.00	WACKE 2% py qv chl alt
4168	288.00	291.00	3.00	WACKE 2% py qv bleached
4169	307.00	309.00	2.00	QFP qv 2% py bio alt.

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Sample Comments

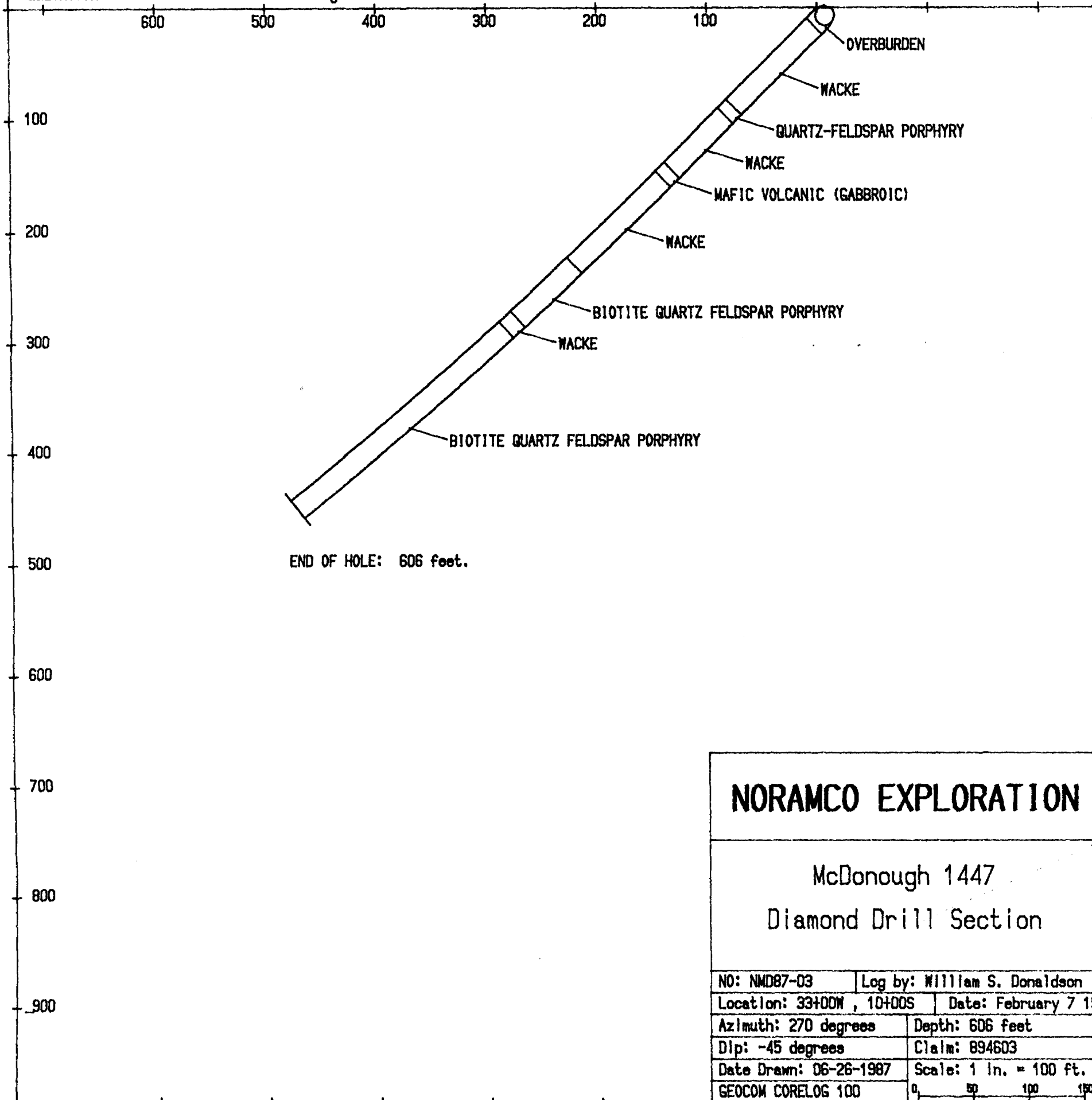
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Sample No.	From (ft)	To (ft)	Width (ft)	-----Remarks-----
4186	491.00	494.00	3.00	QFP 20 cm qv 1% py
4187	506.00	509.00	3.00	QFP 1% py tr. bleach
4188	527.00	530.00	3.00	QFP qv 1% py
4189	531.00	534.00	3.00	QFP bleach qv 1% py
4190	537.00	540.00	3.00	QFP bleach qv chl alt in vein
4191	540.00	543.00	3.00	QFP bleach qv chl alt in vein
4193	546.00	548.00	2.00	QFP qv 1% py
4192	550.00	553.00	3.00	QFP qv bleach
4194	568.00	571.00	3.00	QFP bleached qv 1% py
4195	586.00	588.00	2.00	QFP < 1% py
4196	588.00	591.00	3.00	QFP bleached qv
4197	596.00	599.00	3.00	QFP bleached qv 1% py

NMD87-03

ELEVATION: Surface

AZIMUTH: 270 degrees



END OF HOLE: 606 feet.

NORAMCO EXPLORATION

McDonough 1447
Diamond Drill Section

NO: NMD87-03	Log by: William S. Donaldson
Location: 33+00W, 10+00S	Date: February 7 19
Azimuth: 270 degrees	Depth: 606 feet
Dip: -45 degrees	Claim: 894603
Date Drawn: 06-26-1987	Scale: 1 in. = 100 ft.
GEOCOM CORELOG 100	0 50 100 150

NORAMCO EXPLORATIONS INC.

NMD87-04

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DIAMOND DRILL LOG

Property:	McDonough 1447	NTS:	52N/4	Township:	McDonough
Partner:		Claim #:	865598	Coordinates:	25+50W , 18+50S
Azimuth:	160 degrees	Dip:	-45 degrees	Length:	207.6 meters
Logged By:	William S. Donaldson	Casing:	Out	Elevation:	Surface
Date Started:	January 16 1987	Date Completed:	January 28 1987	Date Logged:	January 19-29 1987
Core Size:	BQ	Core Location:	Buffalo Mine Site	Samples Shipped:	January 20/30 1987
Drill Company:	Trans Arctic Drilling	Overburden:	4.57 meters		

Acid Dip Tests

# 1.	60.97 m	-44 deg.	# 2.	121.9 m	-42 deg.
# 3.	182.9 m	-41 deg.			

Purpose

To intersect two mag lows and one EM conductor axis.
Also to intersect the fuchsite-wacke-iron formation contact.

Conclusions

Ultramafics (talc schist) were encountered in two sections.
Several mineralized zones were encountered.
Chert unit was heavily mineralized and altered.

Recommendations

DDH NMD 87-05 should be collared 425 metres to the east.
Chert unit should be sampled every 0.61 metres.

NORAMCO EXPLORATIONS INC.

NMD87-04

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DIAMOND DRILL LOG -- SUMMARY

Page 2

From(m)	To(m)	Description	Mineralization(s)	Alteration(s)
0.0	4.6	OVERBURDEN		
4.6	37.4	MAFIC VOLCANIC (GABBROIC)	Pyrite Pyrrhotite	Carbonate
37.4	45.4	MAFIC VOLCANIC	Pyrite Pyrrhotite	
45.4	65.6	ULTRAMAFIC ROCK (TALC SCHIST)	Pyrite Pyrrhotite	
65.6	78.2	MAFIC VOLCANIC	Pyrite Pyrrhotite Chalcopyrite	Carbonate
78.2	98.5	ULTRAMAFIC ROCK (TALC SCHIST)	Pyrite Pyrrhotite	- Chlorite Carbonate
98.5	110.1	MAFIC DIKE	Pyrite Pyrrhotite Magnetite	Carbonate Garnet Chlorite Biotite
110.1	131.4	MAFIC VOLCANIC	Pyrrhotite Pyrite	Carbonate Silica

NORAMCO EXPLORATIONS INC.

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DIAMOND DRILL LOG -- SUMMARY

Page 3

From(m)	To(m)	Description	Mineralization(s)	Alteration(s)
131.4	146.9	CHEMICAL METASEDIMENT (CHERT)	Pyrrhotite Pyrite Chalcopyrite Magnetite	Carbonate Garnet Green Mica Silica
146.9	186.5	CHEMICAL METASEDIMENT (CHERT)	Pyrrhotite Magnetite Chalcopyrite Pyrite	Carbonate Chlorite
186.5	190.6	MAFIC VOLCANIC	Pyrrhotite	Carbonate Garnet Chlorite
190.6	197.2	ALTERED MAFIC VOLCANIC	Sulphides	Green Mica Garnet
197.2	207.6	MAFIC VOLCANIC (GABBROIC)	Pyrite	Chlorite
207.6		END OF HOLE.		

NORAMCO EXPLORATIONS INC.

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DIAMOND DRILL LOG

Page 4

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
0.0	4.6	OVERBURDEN									
4.6	37.4	MAFIC VOLCANIC (GABBROIC)									
		Green	1553	6.40	6.71	0.31					
		Medium to Coarse Grained	1554	6.71	7.62	0.91					
		Massive									
		Weakly Fractured (2 Fractures/Meter)	1555	7.92	8.54	0.62					
		1% Quartz Veining at 44 Deg. Cax. -- Avg. Width 2mm									
		Pyrite: 1%	1556	10.97	11.58	0.61					
		Pyrrhotite: - trace									
		Carbonate Alteration: - trace as fracture fill	1557	14.33	14.63	0.30					
		Non Magnetic									
			1558	14.93	15.24	0.31					
		32.89m - 10 cm wide zone (35% carbonate veining and									
		65% chloritized mafic volcanic (gabbroic))	1559	16.76	17.38	0.62					
		Several wide quartz veins in unit (17.08m/7 cm;									
		18.96m/3 cm; 26.52m/6 cm; 27.25m/9 cm; 27.43m/7 cm)	1560	18.90	19.20	0.30					
		36.28m - small 4mm pyrrhotite bleb	1561	20.43	20.73	0.30					
			1562	27.43	28.05	0.62					
			1563	32.62	32.93	0.31					
			1564	32.93	33.54	0.61					
			1565	33.54	34.15	0.61					
			1566	35.98	36.28	0.30					

NORAMCO EXPLORATIONS INC.

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DIAMOND DRILL LOG

Page 5

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
37.4	45.4	MAFIC VOLCANIC									
		Light Green Fine Grained Massive	1567	39.63	39.94	0.31					
		No Fracturing?! (0 Fractures/Meter)	1568	39.93	40.24	0.31					
		1% Quartz Veining Random -- Avg. Width 1mm									
		Pyrite: 1%	1569	41.77	42.38	0.61					
		Pyrrhotite: - trace disseminated	1570	44.20	44.51	0.31					
		Weakly magnetic from 43.29 - 45.12; disseminated pyrrhotite									
45.4	65.6	ULTRAMAFIC ROCK (TALC SCHIST)									
		Grey Aphanitic to Very Fine Grained Massive	1571	45.43	46.04	0.61					
		Weakly Fractured (6 Fractures/Meter)	1572	48.48	48.78	0.30					
		7% Quartz Veining Random -- Avg. Width 2mm									
		Pyrite: - 1%	1573	50.91	51.21	0.30					
		Pyrrhotite: - 1% disseminated									
		Weakly Magnetic	1574	54.57	55.18	0.61					
		An extremely soft unit (less than Moh hardness 2) that is composed of approximately 75% talc and 10% chlorite.	1575	56.40	56.71	0.31					
		Cut by many small quartz veinlets. There is no carbonate in the unit.	1576	60.67	60.97	0.30					
		Whole rock analysis done on sample #1597.	1577	62.80	63.41	0.61					

NORAMCO EXPLORATIONS INC.

NMD87-01

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DIAMOND DRILL LOG

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From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
			1578	64.33	64.93	0.60					
65.6	78.2	MAFIC VOLCANIC									
		Same as 37.4 - 45.4m									
		Light-Green	1579	66.76	67.37	0.61					
		-: - Actinolite									
		Fine Grained	1580	69.20	69.51	0.31					
		Massive	1581	69.51	70.12	0.61					
		Weakly Fractured (3 Fractures/Meter)									
		3% Quartz Veining Random -- Avg. Width 1 mm	1582	72.87	73.48	0.61					
		Pyrite: - 1%									
		Pyrrhotite: - trace disseminated	1583	73.47	74.09	0.62					
		Chalcopyrite: - trace									
		Carbonate Alteration: - 2%	1584	77.13	77.74	0.61					
		Weakly Magnetic									
		The unit contains fibrous prismatic crystals of actinolite suggesting mid- to upper-greenschist grade. The unit has a weak magnetic response from disseminated pyrrhotite. Carbonate occurs as blebs and as fracture fill in the unit.									
78.2	98.5	ULTRAMAFIC ROCK (TALC SCHIST)									
		Same as 45.4 - 65.0m									
		Light-Grey to Light-Green	1585	80.79	81.40	0.61					
		-: - Talc	1586	81.40	82.01	0.61					

NORAMCO EXPLORATIONS INC.

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DIAMOND DRILL LOG

Page 8

From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
-------------	-----------	-------------	---------------	-------------	-----------	--------------	-------------	-------------	-------------	-------------	-------------

This highly altered mafic dike is cut by another mafic dike from 104.57 - 108.54 m. This dike is fine-grained light grey and contains the quartz veining of this unit. The upper contact is at 48 deg. cax. The base of this unit has a diffuse contact at approximately 110.06 m.

110.1 131.4 MAFIC VOLCANIC

Same as 65.6 - 78.2

Light-Grey to Dark-Green

Mafic Minerals: - 90%

Fine to Medium Grained

Massive

Weakly Fractured (2 Fractures/Meter)

1% Carbonate Veining Random -- Avg. Width 5 mm

Pyrrhotite: - 3%

Pyrite: - 1%

Carbonate Alteration: - trace

Silica Alteration: - trace

Weakly Magnetic

Carbonate veining and alteration is pervasive in this unit; there are no quartz veins or stringers.

The contact with the next lower unit is diffuse; it occurs around 131.40 m.

Garnets (2 mm altered) are common from 114.63 - 121.65 m approximately 10% of this interval is garnetiferous.

1600	111.89	112.50	0.61
1601	112.50	113.11	0.61
1602	113.11	113.72	0.61
1603	115.55	116.16	0.61
1604	121.03	121.64	0.61
1605	121.95	122.56	0.61
1606	125.91	126.52	0.61
1607	128.35	128.96	0.61
1608	128.96	129.57	0.61

131.4 146.9 CHEMICAL METASEDIMENT (CHERT)

NORAMCO EXPLORATIONS INC.

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DIAMOND DRILL LOG

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From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
-------------	-----------	-------------	---------------	-------------	-----------	--------------	-------------	-------------	-------------	-------------	-------------

<< 1% Quartz Veining at 50 Deg. Cax. -- Avg. Width 2 cm
 Pyrrhotite: - 6%
 Magnetite: - 3%
 Chalcopyrite: - trace
 Pyrite: - trace
 Carbonate Alteration: - 1%
 Chlorite Alteration: - 1%
 Moderately Magnetic

Structural breccia occurs from 156.09 - 157.50m and 166.46 - 167.68m. It is associated with bands of iron formation (visible magnetite). Iron formation without brecciation is present at 184.76 - 185.06m. Microfractures filled with carbonate cut the chert. several ultramafic dikes that are highly altered (presence of chlorite garnets amphibolite) cut the chert with irregular boundaries at 148.78m; 157.62m; 159.14m; 161.12m; 175.82m; and 178.75m. The dikes average 25 cm in width with the exception of the last two which are 9 cm in width. The chert is bleached from 173.17 - 186.5m.

186.5 190.6 MAFIC VOLCANIC

Same as 65.6 - 78.2 m
 Green to Light-Grey
 Fine to Medium Grained
 Massive
 Moderately Fractured (10 Fractures/Meter)
 6% Carbonate Veining Random -- Avg. Width 3 mm
 Pyrrhotite: - 1%
 Carbonate Alteration: - 5%

NORAMCO EXPLORATIONS INC.

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DIAMOND DRILL LOG

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From (m)	To (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au (ppm)	Ag (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)
-------------	-----------	-------------	---------------	-------------	-----------	--------------	-------------	-------------	-------------	-------------	-------------

Garnet Alteration: - 1%
 Chlorite Alteration: - 1%
 Weakly Magnetic

Carbonate is pervasive as lenses and disseminations in the section.

190.6 197.2 **ALTERED MAFIC VOLCANIC**

Green to Brown
 Fine to Medium Grained
 Massive
 Weakly Fractured (7 Fractures/Meter)
 < 1% Carbonate Veining Random -- Avg. Width 2 mm
 Sulphides: - trace
 Green Mica Alteration: - (fuchsite?) 3%
 Garnet Alteration: - 2%
 - Alteration: - brownish 1 mm spots
 Non Magnetic

Fuchsite (?) is present from 190.85 - 192.22m and 195.43 - 195.73m. It is also disseminated throughout the rock.
 Sulphides are rare. An unidentifiable brownish spotting occurs. Carbonate is present in veins and as fracture fill.

197.2 207.6 **MAFIC VOLCANIC (GABBROIC)**

Same as 4.6 - 37.4 m
 Green
 Mafic Minerals:

NORAMCO EXPLORATIONS INC.

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Sample Comments

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Sample No.	From (m)	To (m)	Width (m)	Remarks
1553	6.40	6.71	0.31	MV trace py
1554	6.71	7.62	0.91	MV tr. diss. py
1555	7.92	8.54	0.62	MV 1% py 5mm qv
1556	10.97	11.58	0.61	MV tr diss. py / qv
1557	14.33	14.63	0.30	MV 1% py. 1cm qv
1558	14.93	15.24	0.31	MV 1% py. qv. tr. hem.
1559	16.76	17.38	0.62	MV 7 cm qv 1% py
1560	18.90	19.20	0.30	MV 1% py. 3 cm qv.
1561	20.43	20.73	0.30	MV 4mm qv. tr. py.
1562	27.43	28.05	0.62	MV 7cm and 9cm qv
1563	32.62	32.93	0.31	MV 35% carbonate/tr. py.
1564	32.93	33.54	0.61	MV 4mm py lens
1565	33.54	34.15	0.61	MV 1% py. qv
1566	35.98	36.28	0.30	MV po bleb. tr. py.
1567	39.63	39.94	0.31	MV 1% py
1568	39.93	40.24	0.31	MV 1% py
1569	41.77	42.38	0.61	MV 1% py / 4mm cubes
1570	44.20	44.51	0.31	MV 1% py

NORAMCO EXPLORATIONS INC.

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Sample Comments

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Sample No.	From (m)	To (m)	Width (m)	-----Remarks-----
1587	82.31	82.93	0.62	UM qv green mica
1588	84.45	84.75	0.30	UM qv
1589	86.28	86.89	0.61	UM qv tr py
1590	90.54	91.46	0.92	UM qv
1591	92.98	93.60	0.62	UM qv tr py
1592	93.60	94.21	0.61	UM tr py
1593	94.21	94.82	0.61	UM qv
1594	98.48	99.08	0.60	DIKE qv py
1595	101.52	102.13	0.61	DIKE lcm po lens
1596	102.74	103.35	0.61	DIKE po (magnetic)
1597	53.96	54.57	0.61	UM as #1572
1598	103.66	104.57	0.91	DIKE po/py magnetic
1599	108.23	108.84	0.61	DIKE tr py. po.
1600	111.89	112.50	0.61	MV carb. alt.
1601	112.50	113.11	0.61	MV carb alt.
1602	113.11	113.72	0.61	MV carb. alt.
1603	115.55	116.16	0.61	MV po garnets
1604	121.03	121.64	0.61	MV tr py po

NORAMCO EXPLORATIONS INC.

NMD87-04

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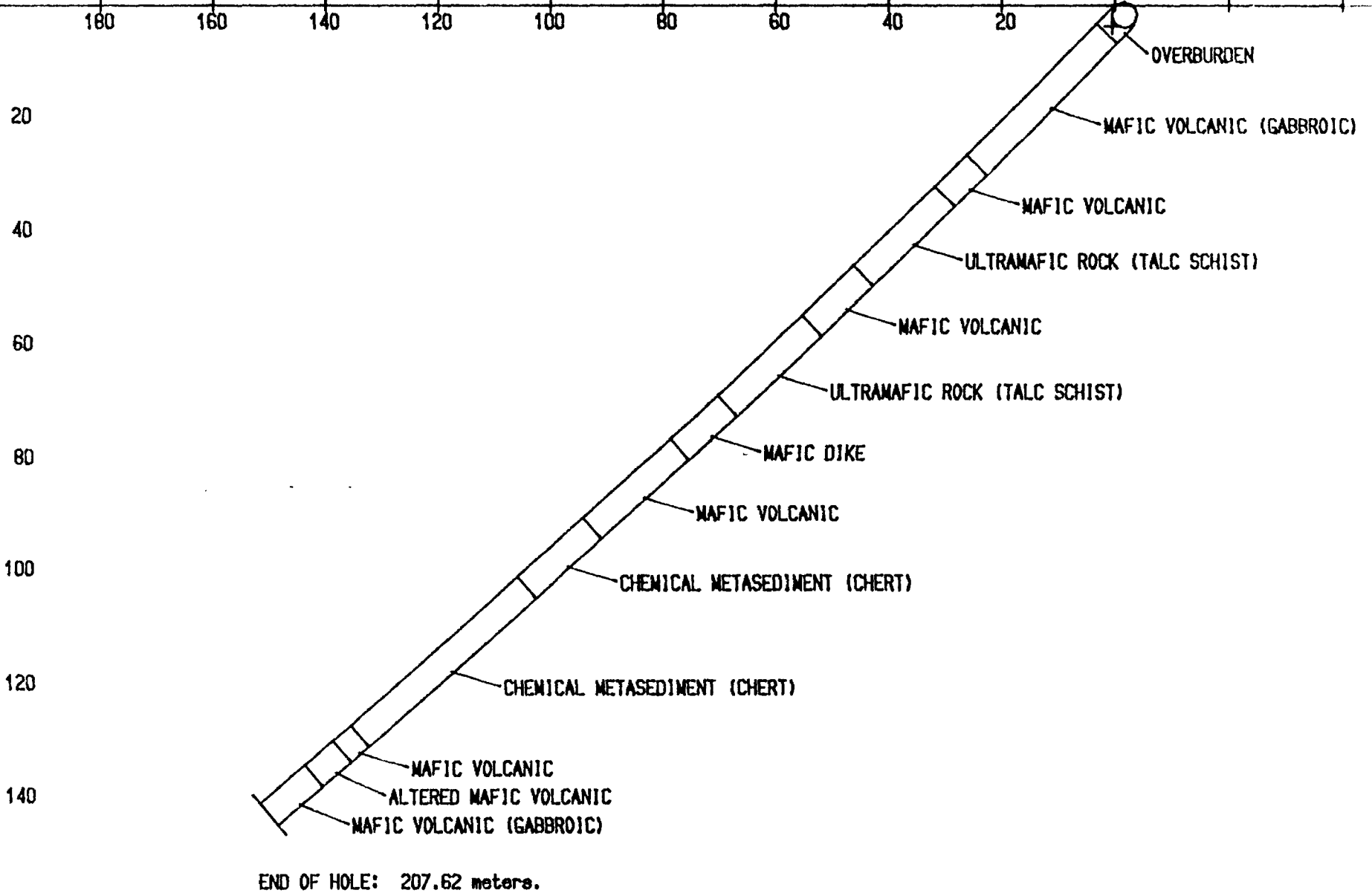
Sample Comments

Page 18

Sample No.	From (m)	To (m)	Width (m)	-----Remarks-----
1621	138.72	139.33	0.61	CHERT 20% po
1622	139.33	139.94	0.61	CHERT 10% po grn mica
1623	139.94	140.55	0.61	CHERT po. grn mica alt.
1624	140.54	141.16	0.62	CHERT po str. grn mica
1625	141.16	142.07	0.91	CHERT po str. tr cpy

NMD87-04

ELEVATION: Surface AZIMUTH: 160 degrees



NORAMCO EXPLORATION

McDonough 1447
Diamond Drill Section

NO: NMD87-04	Log by: William S. Donaldson
Location: 25+50W, 18+50S	Date: January 28 19
Azimuth: 160 degrees	Depth: 207.6 m meters
Dip: -45 degrees	Claim: 865598
Date Drawn: 04-13-1987	Scale: 1 : 1000
GEOCOM CORELOG 100	0 10 20 30

NORAMCO EXPLORATIONS INC.

NMD87-05

04-07-1987::13:21

DIAMOND DRILL LOG

Property: McDonough 1447 NTS: 52N/4 Township: McDonough
Partner: Claim #: B65593 Coordinates: 21+75W , 18+25S
Azimuth: 160 degrees Dip: -45 degrees Length: 426 feet
Logged By: William S. Donaldson Casing: Out Elevation: Surface
Date Started: January 30 1987 Date Completed: February 3 1987 Date Logged: February 1 - 3 1987
Core Size: BQ Core Location: Buffalo Mine Site Samples Shipped: February 4 1987
Drill Company: Trans Arctic Drilling Overburden: 30 feet

Acid Dip Tests

1. 200 ft -45 deg.

2. 400 ft -42 deg.

Purpose

To intersect mineralized zones.
To intersect a wide mag low.

Recommendations

If assays from the first 37.6 metres are positive then
another hole should collared north of the present site.

NORAMCO EXPLORATIONS INC.

NMD87-05

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DIAMOND DRILL LOG -- SUMMARY

Page 2

From(ft)	To(ft)	Description	Mineralization(s)	Alteration(s)
0.0	30.0	OVERBURDEN		
30.0	89.7	SILICIFIED SEDIMENTARY BRECCIA	Pyrite	Silica Carbonate Epidote Potassic
89.7	105.9	BIOTITE HORNBLENDE QUARTZ DIORITE	Pyrite	
105.9	123.4	SILICIFIED SEDIMENTARY BRECCIA	Pyrite	Silica Carbonate Epidote Potassic
123.4	155.4	MAFIC ROCK (GABBROIC)	Pyrite	Carbonate Potassic Epidote Chlorite
155.4	160.9	CHERT	Pyrite	
160.9	209.2	SILICEOUS WACKE	Pyrite Pyrrhotite Magnetite	Chlorite

NORAMCO EXPLORATIONS INC.

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DIAMOND DRILL LOG -- SUMMARY

Page 3

From(ft)	To(ft)	Description	Mineralization(s)	Alteration(s)
209.2	246.0	CHERT	Pyrrhotite Magnetite Pyrite	Chlorite
246.0	250.4	MUDSTONE WITH PYRRHOTITE		
250.4	254.0	SILICEOUS WACKE	Pyrrhotite Pyrite	Chlorite Garnet
254.0	426.0	MAFIC VOLCANIC	Pyrite Magnetite Pyrrhotite Chalcopyrite	Chlorite
426.0		END OF HOLE.		

NORAMCO EXPLORATIONS INC.

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DIAMOND DRILL LOG

Page 5

From (ft)	To (ft)	Description	Sample No.	From (ft)	To (ft)	Width (ft)	Au (oz/t)	Ag (oz/t)	Cu (ppm)	Zn (ppm)	Pb (ppm)
89.7	105.9	BIOTITE HORNBLENDE QUARTZ DIORITE									
		Grey to White Plagioclase:	4092	98.00	101.00	3.00					
		Quartz:									
		-: - biotite and hornblende									
		Coarse Grained									
		Massive									
		Weakly Fractured (2 Fractures/Feet)									
		< 1% Quartz Veining at 50 Deg. Cax. -- Avg. Width 4 mm									
		Pyrite: - 2%									
		Non Magnetic									
		Pyrite is disseminated as 1 mm cubes throughout and also occurs in several blebs up to 2 cm.									
		Carbonate veins (up to 1 cm wide) occur as fracture fill.									
		Biotite is the most abundant accessory mineral in the diorite with hornblende only one-fifth as abundant.									
		This unit occurs as an intrusive body cutting the breccia above and below the diorite.									
105.9	123.4	SILICIFIED SEDIMENTARY BRECCIA									
		Light Tan to Green									
		Quartz:	4093	106.00	109.00	3.00					
		Rock Fragments:	4094	109.00	112.00	3.00					
		Very Fine Grained	4095	112.00	115.00	3.00					
		Massive	4096	115.00	118.00	3.00					
		Moderately Fractured (10 Fractures/Feet)	4097	118.00	121.00	3.00					
		< 1% Carbonate Veining Random as fracture fill -- Avg. Width < 1 mm	4098	121.00	123.40	2.40					

NORAMCO EXPLORATIONS INC.

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DIAMOND DRILL LOG

Page 6

From (ft)	To (ft)	Description	Sample No.	From (ft)	To (ft)	Width (ft)	Au (oz/t)	Ag (oz/t)	Cu (ppm)	Zn (ppm)	Pb (ppm)
--------------	------------	-------------	---------------	--------------	------------	---------------	--------------	--------------	-------------	-------------	-------------

Pyrite: - 1%
 Silica Alteration: - pervasive throughout rock
 Carbonate Alteration: - 1%
 Epidote Alteration: - 1%
 Potassic Alteration: - trace
 Non Magnetic

Possible trace fuchsite (?) alteration at 37.62 m; faint
 emerald green colouration.
 33.84 - 33.98m: Non-mineralized quartz vein cutting rock at
 25 deg. Cax. (average UC/LC of qv).
 35.06m: 13 cm white (leached?) dike as at 22.40 -
 22.56 m.

123.4 155.4 MAFIC ROCK (GABBROIC)

Dark-Green	4099	123.40	126.00	2.60							
Mafic Minerals:	4100	126.00	129.00	3.00							
Medium Grained	4101	129.00	132.00	3.00							
Massive	4102	132.00	135.00	3.00							
Weakly Fractured (6 Fractures/Feet)	4103	135.00	138.00	3.00							
2% Quartz Veining at 44 Deg. Cax. -- Avg. Width 10 mm											
Pyrite: - 1%	4104	139.00	142.00	3.00							
Carbonate Alteration: - trace as fracture fill											
Potassic Alteration: - 1%	4105	143.00	145.00	2.00							
Epidote Alteration: - 1%	4106	145.00	147.00	2.00							
Chlorite Alteration: - 2%											
Non Magnetic											

Several micro-pegmatitic dikes up to 1 cm wide cut this
 unit. Associated with the dikes is potassic alteration

NORAMCO EXPLORATIONS INC.

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DIAMOND DRILL LOG

Page 7

From (ft)	To (ft)	Description	Sample No.	From (ft)	To (ft)	Width (ft)	Au (oz/t)	Ag (oz/t)	Cu (ppm)	Zn (ppm)	Pb (ppm)
		in the first 35 cm of the unit. 43.60 - 44.20: This part of the section contains 10 - 15 % pyrite in veins and disseminations. Amphibole and biotite crystals are visible towards the end of the section.									
155.4	160.9	CHERT									
		Light Grey to Pink -: - Silica Very Fine Grained Massive Weakly Fractured (7 Fractures/Feet) 2% Carbonate Veining Random -- Avg. Width 1 mm Pyrite: - < 1% Non Magnetic	4107	157.00	160.00	3.00					
		The chert has been cut by several mafic dikes averaging 4 cm in width that contain 1-2% pyrite.									
160.9	209.2	SILICEOUS WACKE									
		Dark-Grey Quartz:	4107	163.00	166.00	3.00					
		Fine Grained	4108	166.00	169.00	3.00					
		Lower Contact at 58 Deg. Cax. Massive	4109	169.00	172.00	3.00					
		Weakly Fractured (9 Fractures/Feet)	4110	175.00	178.00	3.00					
		Pyrite: - 1%	4111	178.00	181.00	3.00					
		Pyrrhotite: - 2%	4112	181.00	184.00	3.00					
		Magnetite: - trace									
		Chlorite Alteration: - 8%	4113	196.00	199.00	3.00					

NORAMCO EXPLORATIONS INC.

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Sample Comments

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Sample No.	From (ft)	To (ft)	Width (ft)	-----Remarks-----
4072	30.00	33.00	3.00	BRE 1% py tr epidote
4073	33.00	36.00	3.00	BRE 1% py tr epidote
4074	36.00	39.00	3.00	BRE < 2% py tr carb
4075	39.00	42.00	3.00	BRE 2% py
4076	42.00	45.00	3.00	BRE mass silicified zone
4077	45.00	48.00	3.00	BRE carb + epi alt.
4078	48.00	51.00	3.00	BRE carb + epi alt
4079	51.00	54.00	3.00	BRE 1% py carb f. fill
4080	54.00	57.00	3.00	BRE 2% py K alt
4081	57.00	60.00	3.00	BRE 2% py
4082	60.00	63.00	3.00	BRE 36 cm qv 1% py
4083	63.00	66.00	3.00	BRE 1% py tr epidote
4084	66.00	69.00	3.00	BRE tr py and carb
4085	69.00	72.00	3.00	BRE 1% py tr epidote
4086	72.00	75.00	3.00	BRE white dike 1% py
4087	75.00	78.00	3.00	BRE 1% py tr K + epi
4088	78.00	81.00	3.00	BRE 1% py carb epi
4089	81.00	84.00	3.00	BRE 1% py

NORAMCO EXPLORATIONS INC.

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Sample Comments

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Sample No.	From (ft)	To (ft)	Width (ft)	-----Remarks-----
4106	145.00	147.00	2.00	MV with K alt tr py carb
4107	157.00	160.00	3.00	CHERT 1% py in intrusive
4107	163.00	166.00	3.00	WACKE 1% py chl alt.
4108	166.00	169.00	3.00	WACKE 2% py chl/K alt
4109	169.00	172.00	3.00	WACKE 2% py chl/K alt
4110	175.00	178.00	3.00	WACKE 2% py + po chl
4111	178.00	181.00	3.00	WACKE qv 2% po + py
4112	181.00	184.00	3.00	WACKE 2% po chl alt gar
4113	196.00	199.00	3.00	WACKE 2% po + py chl alt
4114	199.00	202.00	3.00	WACKE magnetite po py diss
4115	210.00	213.00	3.00	CHERT bleached + BIF
4116	216.00	218.00	2.00	CHERT bleached 2% po
4117	224.00	226.00	2.00	CHERT 8% po chl tr mag
4118	226.00	229.00	3.00	CHERT 6% po chl bleach
4119	229.00	231.00	2.00	CHERT 25% po 2% py carb
4120	231.00	234.00	3.00	CHERT bleached 6% po
4121	234.00	237.00	3.00	CHERT bleached 7% po
4122	237.00	240.00	3.00	CHERT 4% po bleached

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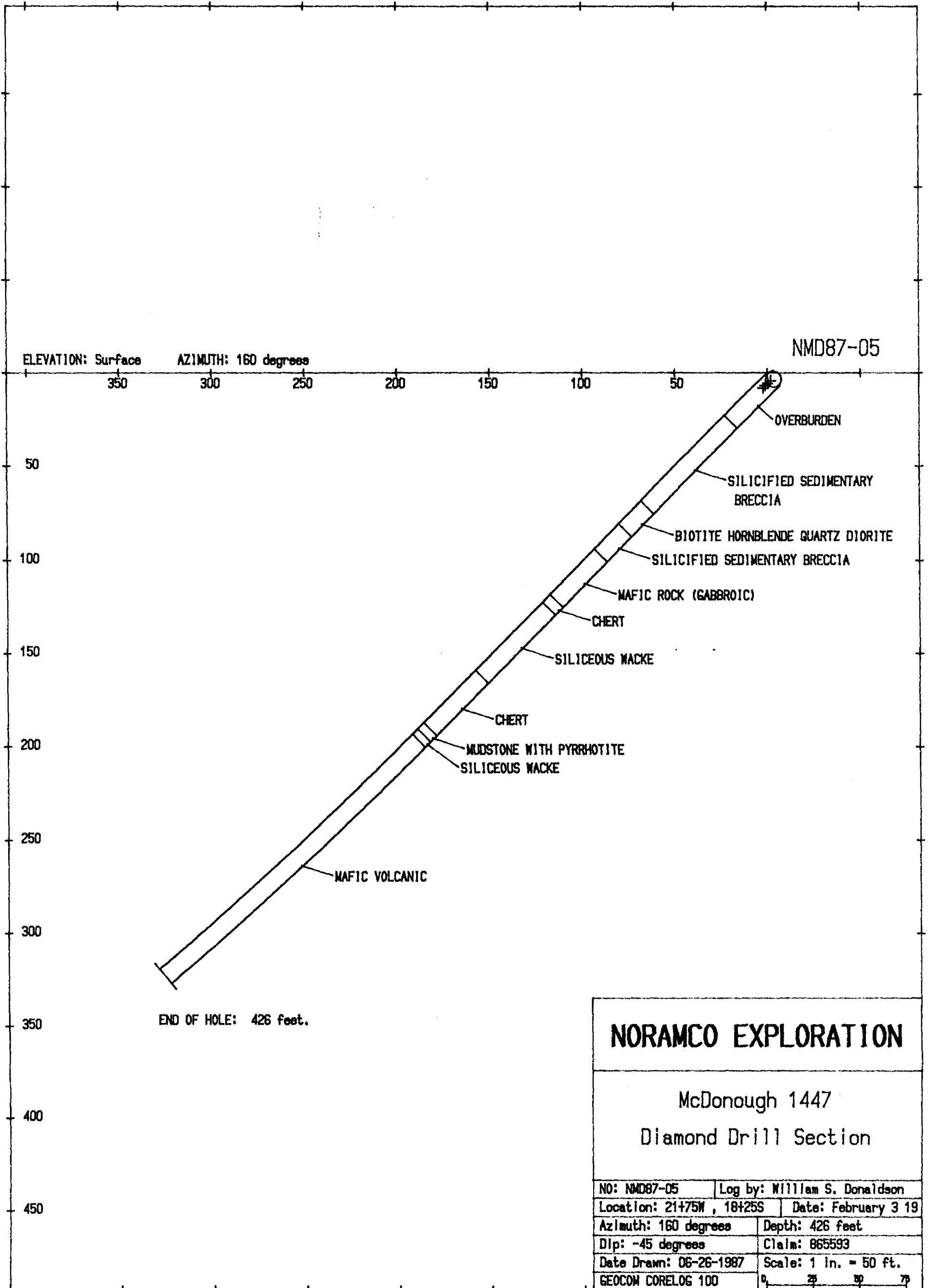
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Sample Comments

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Sample No.	From (ft)	To (ft)	Width (ft)	Remarks
4139	371.00	374.00	3.00	MV carb str. chl alt.
4140	405.00	408.00	3.00	MV carb veining very tr po.
4141	413.00	416.00	3.00	MV carb veining



NMD87-05

ELEVATION: Surface AZIMUTH: 160 degrees

350 300 250 200 150 100 50

50

100

150

200

250

300

350

400

450

OVERBURDEN

SILICIFIED SEDIMENTARY BRECCIA

BIOTITE HORNBLENDE QUARTZ DIORITE

SILICIFIED SEDIMENTARY BRECCIA

MAFIC ROCK (GABBROIC)

CHERT

SILICEOUS WACKE

CHERT

MUDSTONE WITH PYRRHOTITE

SILICEOUS WACKE

MAFIC VOLCANIC

END OF HOLE: 426 feet.

NORAMCO EXPLORATION

McDonough 1447
Diamond Drill Section

NO: NMD87-05	Log by: William S. Donaldson
Location: 21+75W, 18+25S	Date: February 3 19
Azimuth: 160 degrees	Depth: 426 feet
Dip: -45 degrees	Claim: 865593
Date Drawn: 06-26-1987	Scale: 1 in. = 50 ft.
GEOCOM CORELOG 100	0 25 50 75

NORAMCO EXPLORATIONS INC.

NMD87-06

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DIAMOND DRILL LOG

Property:	McDonough 1447	NTS:	52N/4	Township:	McDonough
Partner:		Claim #:	869712	Coordinates:	41+15W , 5+50S
Azimuth:	160 degrees	Dip:	-45 degrees	Length:	549 feet
Logged By:	William S. Donaldson	Casing:	Dut	Elevation:	Surface
Date Started:	February 9 1987	Date Completed:	February 12 1987	Date Logged:	February 10-12 1987
Core Size:	BQ	Core Location:	Buffalo Mine Site	Samples Shipped:	February 14 1987
Drill Company:	Trans Arctic Drilling	Overburden:	14.7 feet		

Acid Dip Tests

1. 200 ft -42 deg.

2. 400 ft -41 deg.

Purpose

An I.P. anomaly lying along a major lineament. Drill hole may intersect sediment/quartz porphyry contact.

Conclusions

I.P. anomaly probably due to silicification of hole. Sediment/quartz porphyry contact encountered.

NORAMCO EXPLORATIONS INC.

NMD87-06

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DIAMOND DRILL LOG -- SUMMARY

Page 2

From(ft)	To(ft)	Description	Mineralization(s)	Alteration(s)
0.0	14.7	OVERBURDEN		
14.7	253.6	QUARTZ ARSENITE	Pyrite Pyrrhotite	
253.6	257.8	QUARTZ ARENITE		
257.8	405.8	ALTERED SILICEOUS WACKE	Pyrite	Potassic Silica Yellow-Green Sericite Biotite Garnet Carbonate
405.8	549.0	HORNBLLENDE QUARTZ FELDSPAR PORPHYRY	Pyrite	
549.0		END OF HOLE.		

NORAMCO EXPLORATIONS INC.

NMD87-06

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DIAMOND DRILL LOG

Page 3

From (ft)	To (ft)	Description	Sample No.	From (ft)	To (ft)	Width (ft)	Au (oz/t)	Ag (oz/t)	Cu (ppm)	Zn (ppm)	Pb (ppm)
0.0	14.7	OVERBURDEN									
14.7	253.6	QUARTZ ARSENITE									
		Grey	4198	17.00	19.00	2.00					
		Quartz: - > 90%									
		-: - biotite 2% disseminated	4199	29.00	32.00	3.00					
		Medium Grained									
		Massive	4200	36.00	39.00	3.00					
		Weakly Fractured (2 Fractures/feet)									
		1% Quartz Veining at 30 Deg. Cax. -- Avg. Width 5 mm	4201	46.00	49.00	3.00					
		Pyrite: - 2%	4202	49.00	52.00	3.00					
		Pyrrhotite: - trace									
		Non Magnetic	4203	55.00	57.00	2.00					
		Bedding at 63 deg. Cax.	4204	64.00	66.00	2.00					
		Pyrite mineralization is concentrated around quartz veins.									
		Micropegmatitic dykes occur at 55.88m; 57.16m; both are	4205	73.00	75.00	2.00					
		1 cm wide. A 5 cm potassic altered brecciated zone is									
		located at 53.96m. A 20 cm wide potassic altered zone is	4206	86.00	88.00	2.00					
		at 58.25m. Crossbedding or ripple marks that have	4207	88.00	90.00	2.00					
		K alteration are at 54.26 - 54.86m.	4209	96.00	98.00	2.00					
			4208	106.00	108.00	2.00					
			4211	116.00	118.00	2.00					
			4210	128.00	129.00	1.00					

NORAMCO EXPLORATIONS INC.

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DIAMOND DRILL LOG

Page 6

From (ft)	To (ft)	Description	Sample No.	From (ft)	To (ft)	Width (ft)	Au (oz/t)	Ag (oz/t)	Cu (ppm)	Zn (ppm)	Pb (ppm)
			4238	333.00	336.00	3.00					
			4239	338.00	341.00	3.00					
			4240	344.00	347.00	3.00					
			4241	352.00	355.00	3.00					
			4242	357.00	360.00	3.00					
			4243	363.00	366.00	3.00					
			4244	368.00	371.00	3.00					
			4245	382.00	385.00	3.00					
			4246	389.00	394.00	5.00					
			4247	398.00	401.00	3.00					
			4248	401.00	404.00	3.00					

405.8 549.0 HORNBLLENDE QUARTZ FELDSPAR PORPHYRY

NORAMCO EXPLORATIONS INC.

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Sample Comments

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Sample No.	From (ft)	To (ft)	Width (ft)	-----Remarks-----
4198	17.00	19.00	2.00	QA 1% py rust qv
4199	29.00	32.00	3.00	QA 1% py qv
4200	36.00	39.00	3.00	QA qv 1% py + po
4201	46.00	49.00	3.00	QA qv bleach 1% py
4202	49.00	52.00	3.00	QA qv 15 py
4203	55.00	57.00	2.00	QA 1% py + po qv
4204	64.00	66.00	2.00	QA qv 1% py
4205	73.00	75.00	2.00	QA qv 1% py bleached
4206	86.00	88.00	2.00	QA 2 cm qv 1% py
4207	88.00	90.00	2.00	QA qv tr py
4209	96.00	98.00	2.00	QA qv 1% py
4208	106.00	108.00	2.00	QA 1% po + py
4211	116.00	118.00	2.00	QA 10 cm qv 1% py
4210	128.00	129.00	1.00	QA 1% py qv
4212	139.00	141.00	2.00	QA micropeg dike 1% py
4213	141.00	144.00	3.00	QA 15 cm qv 1% py
4214	156.00	158.00	2.00	QA 1% po bleached
4215	176.00	179.00	3.00	QA breccia micropeg

NORAMCO EXPLORATIONS INC.

NMD87-06

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Sample Comments

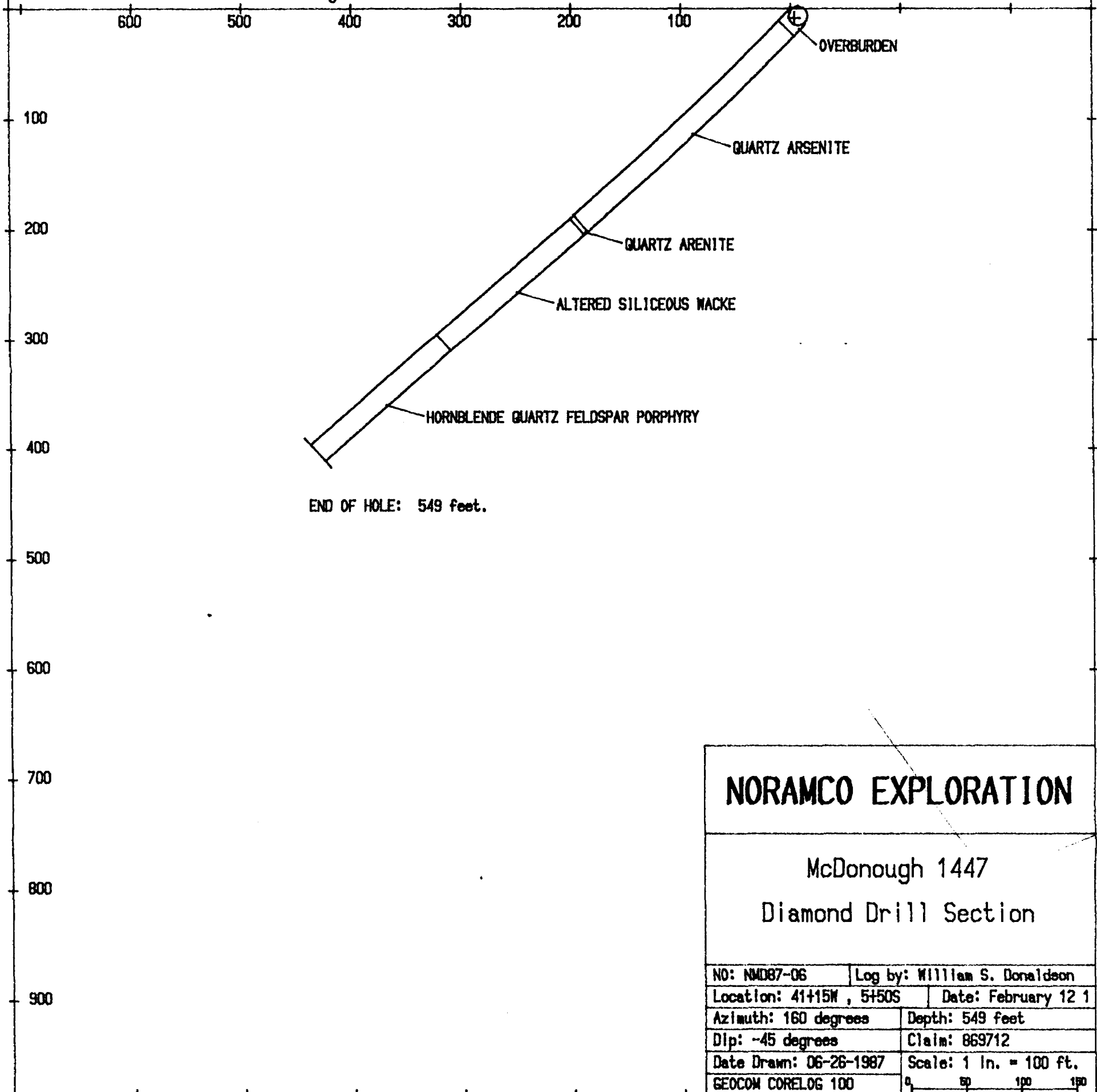
Page 11

Sample No.	From (ft)	To (ft)	Width (ft)	Remarks
4232	297.00	299.00	2.00	ASW qv schistose MV int
4233	301.00	304.00	3.00	ASW qv tr py MV int
4234	306.00	309.00	3.00	ASW qv 1% py bleach
4235	316.00	318.70	2.70	ASW 3 cm qv 2% py MV int
4236	321.00	324.00	3.00	ASW tr K + chl alt
4237	329.00	332.00	3.00	ASW chl alt carb
4238	333.00	336.00	3.00	ASW two 10 cm qv tr po
4239	338.00	341.00	3.00	ASW qv MV int 1% py
4240	344.00	347.00	3.00	ASW qv 1% py MV int
4241	352.00	355.00	3.00	ASW qv 1% py
4242	357.00	360.00	3.00	ASW qv carb 1% py
4243	363.00	366.00	3.00	ASW bleached qv tr py
4244	368.00	371.00	3.00	ASW 10 cm qv 1% py
4245	382.00	385.00	3.00	ASW qv 1% py tr tourmaline?
4246	389.00	394.00	5.00	ASW qv 1% py MV int
4247	398.00	401.00	3.00	ASW 2% py qv carb
4248	401.00	404.00	3.00	ASW qv 3% py gar alt
4249	406.00	408.00	2.00	QFP 2% diss. py qv

NMD87-06

ELEVATION: Surface

AZIMUTH: 160 degrees



NORAMCO EXPLORATION

McDonough 1447
Diamond Drill Section

NO: NMD87-06	Log by: William S. Donaldson
Location: 41+15W, 5+50S	Date: February 12 1
Azimuth: 160 degrees	Depth: 549 feet
Dip: -45 degrees	Claim: 869712
Date Drawn: 06-26-1987	Scale: 1 in. = 100 ft.
GEOCOM CORELOG 100	0 50 100 150

NORAMCO EXPLORATIONS INC.

NMD87-07

04-07-1987::13:25

DIAMOND DRILL LOG

Property: McDonough 1447 NTS: 52N/4 Township: McDonough
Partner: Claim #: 869714 Coordinates: 43+20W , 4+40S
Azimuth: 160 degrees Dip: -45 degrees Length: 363 feet
Logged By: William S. Donaldson Casing: Out Elevation: Surface
Date Started: February 13 1987 Date Completed: February 15 1987 Date Logged: February 15 1987
Core Size: BQ Core Location: Buffalo Mine Site Samples Shipped: February 16 1987
Drill Company: Trans Arctic Drilling Overburden: 21.2 feet

Acid Dip Tests

1. 200 ft -43 deg.

2. 363 ft -42 deg.

Purpose

To intersect an I.P. anomaly with a trend parallel to the I.P. anomaly drilled at NMD87-06.

Conclusions

I.P. anomaly due to pyrite and pyrrhotite and silica alteration.

NORAMCO EXPLORATIONS INC.

NMD87-07

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DIAMOND DRILL LOG -- SUMMARY

Page 2

From(ft)	To(ft)	Description	Mineralization(s)	Alteration(s)
0.0	21.2	OVERBURDEN		
21.2	363.0	QUARTZ ARENITE	Pyrite Pyrrhotite	Garnet Potassic Silica
363.0		END OF HOLE.		

NORAMCO EXPLORATIONS INC.

NMD87-07

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DIAMOND DRILL LOG

Page 3

From (ft)	To (ft)	Description	Sample No.	From (ft)	To (ft)	Width (ft)	Au (oz/t)	Ag (oz/t)	Cu (ppm)	Zn (ppm)	Pb (ppm)
0.0	21.2	OVERBURDEN									
21.2	363.0	QUARTZ ARENITE									
		Grey	4262	27.00	30.00	3.00					
		Quartz: - 80%									
		-: - micas 5-10%	4263	35.00	37.00	2.00					
		Fine Grained									
		Massive	4264	39.00	42.00	3.00					
		Weakly Fractured (2 Fractures/Feet)	4265	42.00	45.00	3.00					
		3% Quartz Veining Random -- Avg. Width 5 mm									
		Pyrite: - 1%	4266	47.00	49.00	2.00					
		Pyrrhotite: - < 1%									
		Garnet Alteration: - trace	4267	56.00	59.00	3.00					
		Potassic Alteration: - trace in some veins									
		Silica Alteration: - pervasive throughout	4268	66.00	69.00	3.00					
		Micropegmatitic dikes cut the section. They only represent < 0.25% of the section and are on average 8 mm wide.	4269	72.00	74.00	2.00					
		95.30 - 95.91m: A fine-grained mafic volcanic intrusion with 1% carbonate veining. Volcanic/sediment contacts at 18 deg. Cax. (average UC/LC).	4270	81.00	84.00	3.00					
		Slight bleaching (30-60 cm wide zones) occurs randomly.	4271	94.00	96.00	2.00					
		END OF HOLE AT 110.6 metres.	4272	100.00	103.00	3.00					
			4273	108.00	110.00	2.00					
			4274	128.00	131.00	3.00					
			4275	131.00	134.00	3.00					
			4276	146.00	149.00	3.00					

NORAMCO EXPLORATIONS INC.

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DIAMOND DRILL LOG

Page 4

From (ft)	To (ft)	Description	Sample No.	From (ft)	To (ft)	Width (ft)	Au (oz/t)	Ag (oz/t)	Cu (ppm)	Zn (ppm)	Pb (ppm)
			4277	157.00	160.00	3.00					
			4278	160.00	163.00	3.00					
			4279	166.00	168.20	2.20					
			4280	168.20	171.00	2.80					
			4281	188.00	189.00	1.00					
			4282	196.00	199.00	3.00					
			4283	209.00	212.00	3.00					
			4284	226.00	229.00	3.00					
			4285	236.00	239.00	3.00					
			4286	242.00	245.00	3.00					
			4287	251.00	254.00	3.00					
			4288	260.00	263.00	3.00					

NORAMCO EXPLORATIONS INC.

NMDB7-07

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DIAMOND DRILL LOG

Page 5

From (ft)	To (ft)	Description	Sample No.	From (ft)	To (ft)	Width (ft)	Au (oz/t)	Ag (oz/t)	Cu (ppm)	Zn (ppm)	Pb (ppm)
			4289	294.00	296.00	2.00					
			4290	303.00	306.00	3.00					
			4291	318.00	321.00	3.00					
			4292	337.00	340.00	3.00					
			4293	353.00	356.00	3.00					

363.0

END OF HOLE.

NORAMCO EXPLORATIONS INC.

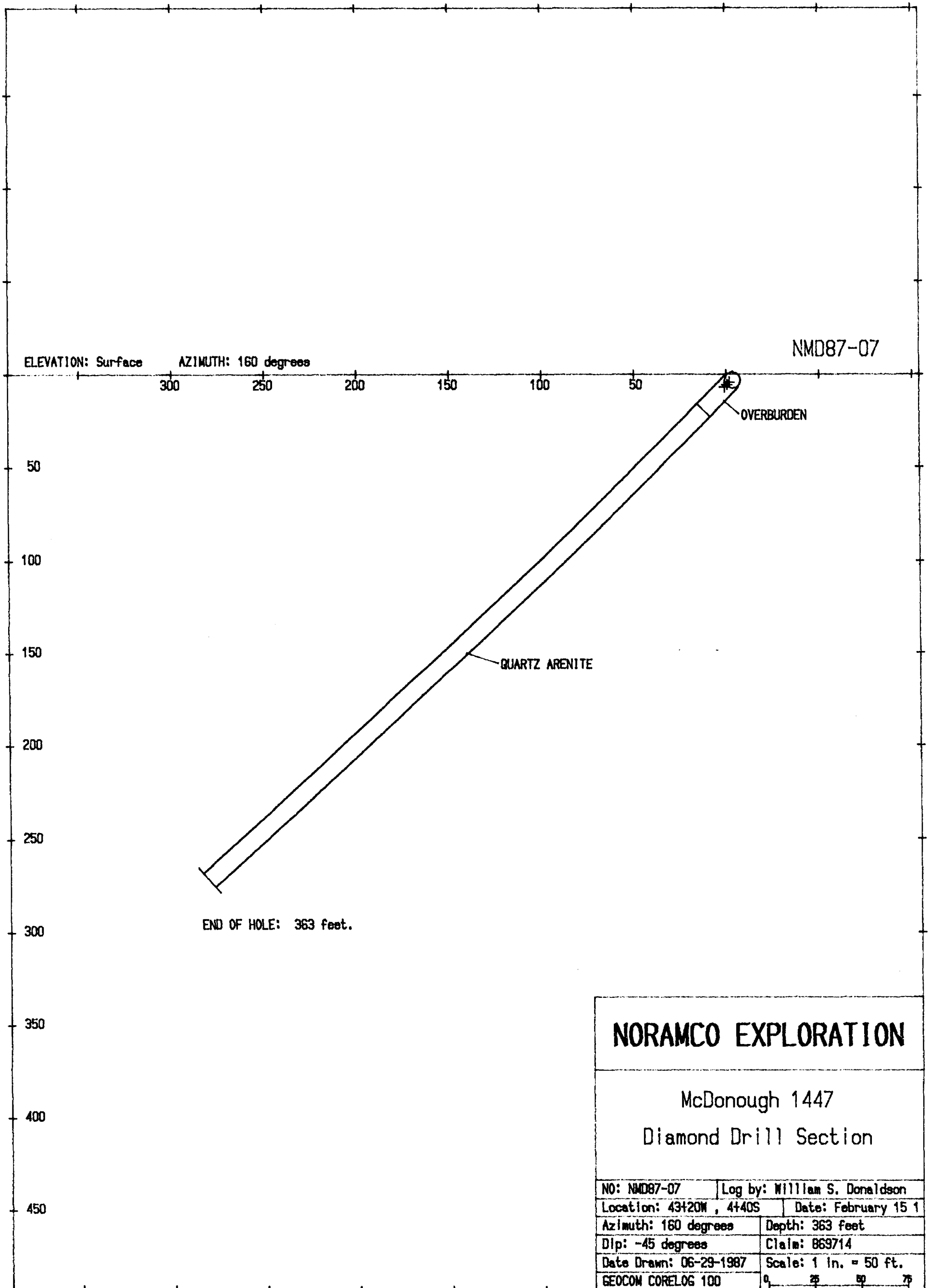
NMD87-07

04-07-1987::13:26

Sample Comments

Page 7

Sample No.	From (ft)	To (ft)	Width (ft)	-----Remarks-----
4262	27.00	30.00	3.00	QA 2% py qv micropeg dike
4263	35.00	37.00	2.00	QA qv bleached 1% py
4264	39.00	42.00	3.00	QA qv + carb vein tr py
4265	42.00	45.00	3.00	QA 2% py qv
4266	47.00	49.00	2.00	QA 2% py micropeg dike
4267	56.00	59.00	3.00	QA 1% py + po
4268	66.00	69.00	3.00	QA 2% py qv gar alt
4269	72.00	74.00	2.00	QA qv 1% py
4270	81.00	84.00	3.00	QA tr py qv bleached
4271	94.00	96.00	2.00	QA qv 1% py tr bleach
4272	100.00	103.00	3.00	QA qv bleach 1% py
4273	108.00	110.00	2.00	QA qv 1% py tr chl alt.
4274	128.00	131.00	3.00	QA 2% po + py qv
4275	131.00	134.00	3.00	QA qv 1% py
4276	146.00	149.00	3.00	QA qv gar. alt. 1% diss py
4277	157.00	160.00	3.00	QA qv gar. alt. 1% py
4278	160.00	163.00	3.00	QA 3% py qv
4279	166.00	168.20	2.20	QA 1 cm wide po vein



NORAMCO EXPLORATION

McDonough 1447
Diamond Drill Section

NO: NMD87-07	Log by: William S. Donaldson
Location: 43420W, 4440S	Date: February 15 1
Azimuth: 160 degrees	Depth: 363 feet
Dip: -45 degrees	Claim: 869714
Date Drawn: 06-29-1987	Scale: 1 in. = 50 ft.
GEOCOM CORELOG 100	0 25 50 75

NORAMCO EXPLORATIONS INC.

NMD87-08

04-07-1987::13:27

DIAMOND DRILL LOG

Property:	McDonough 1447	NTS:	52N/4	Township:	McDonough
Partner:		Claim #:	869714	Coordinates:	45+15W , 7+50S
Azimuth:	160 degrees	Dip:	-45 degrees	Length:	407 feet
Logged By:	William S. Donaldson	Casing:	Out	Elevation:	Surface
Date Started:	February 18 1987	Date Completed:	February 20 1987	Date Logged:	February 20/21 1987
Core Size:	BQ	Core Location:	Buffalo Mine Site	Samples Shipped:	February 22 1987
Drill Company:	Trans Arctic Drilling	Overburden:	22.8 feet		

Acid Dip Tests

1. 206 ft -45 deg.

2. 406 ft -43 deg.

Purpose

An I.P. anomaly (possible massive sulphides?) coincident with a major lineament north of a felsic intrusion.

Conclusions

I.P. anomaly is probably due to pyrite mineralization and the altered siliceous sediment.

Recommendations

No further drilling recommended unless assay results are positive.

NORAMCO EXPLORATIONS INC.

NMD87-08

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DIAMOND DRILL LOG -- SUMMARY

Page 2

From(ft)	To(ft)	Description	Mineralization(s)	Alteration(s)
0.0	22.8	OVERBURDEN		
22.8	26.0	BIOTITE HORNBLENDE QUARTZ FELDSPAR PORPHYRY	Pyrite	
26.0	91.5	QUARTZ ARENITE	Pyrite	
91.5	146.7	QUARTZ ARENITE	Pyrite	Chlorite Garnet Carbonate Biotite
146.7	267.5	ALTERED SILICEOUS SEDIMENT	Pyrite	Carbonate Chlorite Garnet -
267.5	407.0	QUARTZ FELDSPAR PORPHYRY	Pyrite	
407.0		END OF HOLE.		

NORAMCO EXPLORATIONS INC.

NMDB7-08

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DIAMOND DRILL LOG

Page 4

From (ft)	To (ft)	Description	Sample No.	From (ft)	To (ft)	Width (ft)	Au (oz/t)	Ag (oz/t)	Cu (ppm)	Zn (ppm)	Pb (ppm)
		Dark-Grey Quartz: - 70%	4300	101.00	104.00	3.00					
		-: - biotite 10% Very Fine Grained Massive	4301	116.00	119.00	3.00					
		Lower Contact at 55 Deg. Cax. Weakly Fractured (2 Fractures/Feet)	4302	121.00	124.00	3.00					
		1% Quartz Veining Random -- Avg. Width 5 mm Pyrite: - 3% disseminated	4303	126.00	128.00	2.00					
		Chlorite Alteration: - 4% Garnet Alteration: - trace	4304	131.00	134.00	3.00					
		Carbonate Alteration: - trace as fracture fill Biotite Alteration: - 10%	4305	143.00	145.00	2.00					
		38.01 - 38.96m: Siliceous alteration; section is white 40.06 - 40.54m; 43.54 - 44.72m: Pervasive chloritic alteration and bleaching. 3% carbonate veining.									
146.7	267.5	ALTERED SILICEOUS SEDIMENT									
		White to Grey Fine Grained Massive	4306	157.00	160.00	3.00					
		Weakly Fractured (2 Fractures/Feet)	4307	168.00	171.00	3.00					
		< 1% Quartz Veining Random -- Avg. Width 6 mm Pyrite: - 1%	4308	173.00	176.00	3.00					
		Carbonate Alteration: - trace	4309	176.00	179.00	3.00					
		Chlorite Alteration: - 2% Garnet Alteration: - trace	4310	190.00	193.00	3.00					

NORAMCO EXPLORATIONS INC.

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DIAMOND DRILL LOG

Page 5

From (ft)	To (ft)	Description	Sample No.	From (ft)	To (ft)	Width (ft)	Au (oz/t)	Ag (oz/t)	Cu (ppm)	Zn (ppm)	Pb (ppm)
		- Alteration: - micaceous bands Non Magnetic	4311	202.00	205.00	3.00					
		This interval has been cut by several mafic fine-grained intrusions.	4312	211.00	214.00	3.00					
		Laminations have an angle of 60 deg. Cax.	4313	222.00	225.00	3.00					
		44.72 - 47.96m: A strongly bleached and silicified alteration	4314	230.00	233.00	3.00					
		possibly of the quartz arenite.	4315	236.00	239.00	3.00					
		Moderate carbonate alteration is present in the mafic areas of the interval.	4316	239.00	242.00	3.00					
			4317	246.00	249.00	3.00					
			4318	255.00	258.00	3.00					
			4319	262.00	265.00	3.00					
			4320	265.00	268.00	3.00					
267.5	407.0	QUARTZ FELDSPAR PORPHYRY									
		Light-Grey									
		Plagioclase: - 60%	4321	276.00	279.00	3.00					
		Quartz: - 35%	4322	279.00	282.00	3.00					
		Medium to Coarse Grained									
		Massive	4323	289.00	292.00	3.00					

NORAMCO EXPLORATIONS INC.

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Sample Comments

Page 8

Sample No.	From (ft)	To (ft)	Width (ft)	-----Remarks-----
4294	29.00	32.00	3.00	QA qv 2% py
4295	38.00	41.00	3.00	QA qv 2% py brecciated
4296	47.00	50.00	3.00	QA qv 3% py tr carb
4297	61.00	64.00	3.00	QA 3% py qv tr bleach
4298	76.00	79.00	3.00	QA tr bleach qv tr py
4299	86.00	89.00	3.00	QA bleached qv tr py
4300	101.00	104.00	3.00	QA 2% py qv micropeg dike
4301	116.00	119.00	3.00	QA 4% py carb qv
4302	121.00	124.00	3.00	QA tr chl + gar alt
4303	126.00	128.00	2.00	QA very siliceous interval
4304	131.00	134.00	3.00	QA chl alt bleach 3% py
4305	143.00	145.00	2.00	QA chl alt carb qv
4306	157.00	160.00	3.00	ASS chl alt silicification
4307	168.00	171.00	3.00	ASS tr py carb chl alt
4308	173.00	176.00	3.00	ASS chl alt carb silif.
4309	176.00	179.00	3.00	ASS 1% py qv tr K alt
4310	190.00	193.00	3.00	ASS 1% py silif. qv
4311	202.00	205.00	3.00	ASS 1% py bio. alt qv

NORAMCO EXPLORATIONS INC.

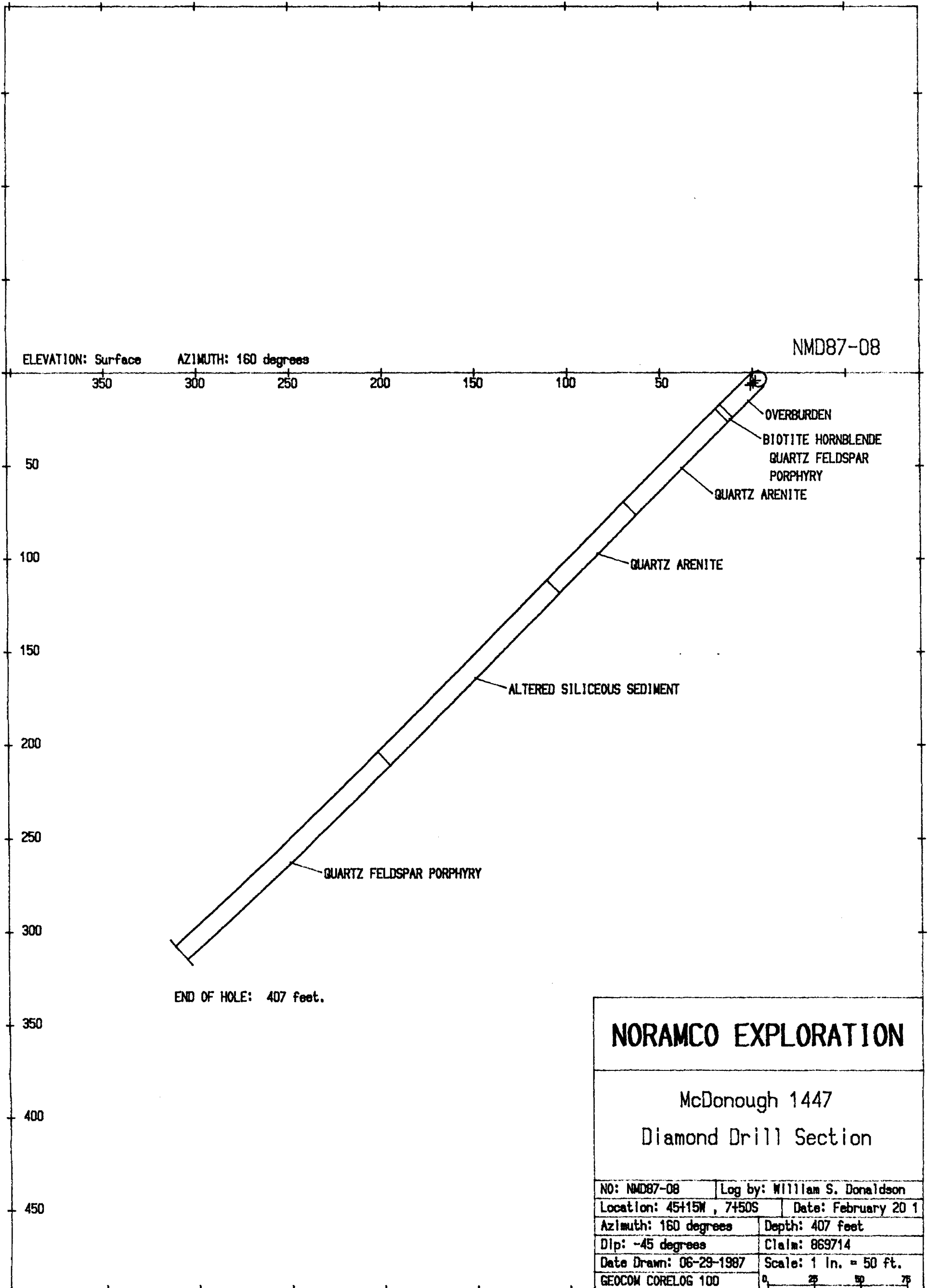
NMD87-08

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Sample Comments

Page 10

Sample No.	From (ft)	To (ft)	Width (ft)	-----Remarks-----
4328	350.00	353.00	3.00	QFP bleach 3% py qv
4329	356.00	359.00	3.00	QFP 13 cm bleach 2% py
4330	369.00	372.00	3.00	QFP bleach chl alt 2% py
4331	378.00	381.00	3.00	QFP 2% py tr chl alt
4332	387.00	390.00	3.00	QFP bleach qv 2% py
4333	396.00	399.00	3.00	QFP ser + chl alt qv
4334	404.00	407.00	3.00	QFP character sample



NORAMCO EXPLORATION

McDonough 1447
Diamond Drill Section

NO: NMD87-08	Log by: William S. Donaldson
Location: 45+15W, 7+50S	Date: February 20 1
Azimuth: 160 degrees	Depth: 407 feet
Dip: -45 degrees	Claim: 869714
Date Drawn: 06-29-1987	Scale: 1 in. = 50 ft.
GEOCOM CORELOG 100	0 25 50 75

NORAMCO EXPLORATIONS INC.

NMD87-09

04-07-1987::13:30

DIAMOND DRILL LOG

Property:	McDonough 1447	NTS:	52N/4	Township:	McDonough
Partner:		Claim #:	869725	Coordinates:	51+40W , 2+25N
Azimuth:	200 degrees	Dip:	-55 degrees	Length:	946 feet
Logged By:	William S. Donaldson	Casings:	Out	Elevation:	Surface
Date Started:	February 22 1987	Date Completed:	February 27 1987	Date Logged:	February 23-27 1987
Core Size:	BQ	Core Location:	Buffalo Mine Site	Samples Shipped:	February 28 1987
Drill Company:	Trans Arctic Drilling	Overburden:	7 feet		

Acid Dip Tests

# 1.	206 ft	-54 deg.	# 2.	406 ft	-51 deg.
# 3.	600 ft	-50 deg.	# 4.	806 ft	-48 deg.
# 5.	946 ft	-44 deg.			

Purpose

A porphyry/tuff and tuff/sediment contact associated with an EM conductor axis and I.P. anomaly. A major lineament also transects this area.

Conclusions

Porphyry/tuff contact encountered; tuff/sediment contact not encountered. A second tuff/porphyry contact was encountered.

Recommendations

Possible further drilling in the biotite hornblende granodiorite to intersect the 2.1 metre quartz vein that contained up to 2.70 oz/ton silver.

NORAMCO EXPLORATIONS INC.

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DIAMOND DRILL LOG -- SUMMARY

Page 2

From(ft)	To(ft)	Description	Mineralization(s)	Alteration(s)
0.0	7.0	OVERBURDEN		
7.0	333.4	BIOTITE HORNBLLENDE GRANODIORITE	Pyrite	Potassic Epidote Carbonate
333.4	582.0	FELSIC TUFF	Pyrite	Garnet - Chlorite
	141.5	151.2	LAPILLI TUFF	
582.0	601.6	ALTERED LAPILLI TUFF	Pyrite Pyrrhotite	Garnet Potassic Sericite Biotite
601.6	745.6	FELSIC TUFF	Pyrite Pyrrhotite Tourmaline Galena	- Potassic Sericite Epidote
	186.7	193.0	BIOTITE SCHIST	
			Pyrite Galena	Chlorite
745.6	946.0	QUARTZ FELDSPAR PORPHYRY	Pyrite Galena	Epidote Carbonate

NORAMCO EXPLORATIONS INC.

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DIAMOND DRILL LOG -- SUMMARY

Page 3

From(ft) To(ft) -----Description-----Mineralization(s)-----Alteration(s)-----

946.0 END OF HOLE.

NORAMCO EXPLORATIONS INC.

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DIAMOND DRILL LOG

Page 5

From (ft)	To (ft)	Description	Sample No.	From (ft)	To (ft)	Width (ft)	Au (oz/t)	Ag (oz/t)	Cu (ppm)	Zn (ppm)	Pb (ppm)
		86.58 - 89.93m: The granodiorite is very fine-grained.	4353	199.00	200.00	1.00					
			4354	200.00	201.60	1.60					
			4355	204.00	206.00	2.00					
			4356	211.00	214.00	3.00					
			4357	218.00	221.00	3.00					
			4358	222.00	224.00	2.00					
			4359	241.00	242.00	1.00					
			4360	256.00	257.10	1.10					
			4361	267.00	268.00	1.00					
			4362	283.00	284.00	1.00					
			4363	300.00	301.70	1.70					
			4364	311.00	312.00	1.00					

NORAMCO EXPLORATIONS INC.

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DIAMOND DRILL LOG

Page 6

From (ft)	To (ft)	Description	Sample No.	From (ft)	To (ft)	Width (ft)	Au (oz/t)	Ag (oz/t)	Cu (ppm)	Zn (ppm)	Pb (ppm)
--------------	------------	-------------	---------------	--------------	------------	---------------	--------------	--------------	-------------	-------------	-------------

			4365	319.00	320.50	1.50					
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			4366	333.00	335.00	2.00					
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333.4 582.0 FELSIC TUFF

Light-Grey
 Fine to Medium Grained
 Massive
 Lower Contact at 60 Deg. Cax.
 No Fracturing?! (0 Fractures/Feet)
 2% Quartz Veining at 60 Deg. Cax. -- Avg. Width 1 cm
 Pyrite: - 1%
 Garnet Alteration: - 1%
 - Alteration: - micas 2%
 Chlorite Alteration: - < 1%

The interval has been bleached to a light grey colour
 (white in some bands).
 There have been some granodioritic intrusions in the
 interval:
 104.51 - 107.96m; 114.73 - 116.16m.
 156.40 - 157.62; 169.20 - 170.30m: Biotite schist with
 2% pyrite; 1% quartz veining and trace garnet alteration.
 170.30 - 177.44m: Bleached felsic tuff with trace po/py.

-----Sub Units-----

NORAMCO EXPLORATIONS INC.

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DIAMOND DRILL LOG

Page 8

From (ft)	To (ft)	Description	Sample No.	From (ft)	To (ft)	Width (ft)	Au (oz/t)	Ag (oz/t)	Cu (ppm)	Zn (ppm)	Pb (ppm)
--------------	------------	-------------	---------------	--------------	------------	---------------	--------------	--------------	-------------	-------------	-------------

Sericite Alteration: - 6%
 Biotite Alteration: - 1%
 Non Magnetic

Lapilli clasts are stretched (3:1 ratio) with the average
 clast size being 1 cm in length.

601.6 745.6 **FELSIC TUFF**

Light-Grey
 Fine to Medium Grained
 Lower Contact at 66 Deg. Cax.
 Massive
 Weakly Fractured (2 Fractures/Feet)
 < 1% Quartz Veining at 70 Deg. Cax. -- Avg. Width 1 cm
 Pyrite: - 1%
 Pyrrhotite: - 1%
 Tourmaline: - 1 mm vein at 193.93m
 Galena: - trace at the edge of some qv
 - Alteration: - Fuchsite 1%
 Potassic Alteration: - trace
 Sericite Alteration: - 10%
 Epidote Alteration: - trace

Crenulation cleavage occurs in some parts of the interval.
 Because of the sericitic alteration the interval is
 schistose.
 Fuchsite occurs as stringers and lenses in the interval.

-----Sub Units-----

186.67 192.99 **BIOTITE SCHIST**

NORAMCO EXPLORATIONS INC.

NMD87-09

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DIAMOND DRILL LOG

Page 9

From (ft)	To (ft)	Description	Sample No.	From (ft)	To (ft)	Width (ft)	Au (oz/t)	Ag (oz/t)	Cu (ppm)	Zn (ppm)	Pb (ppm)
		Black									
		Fine Grained	4389	608.70	610.00	1.30					
		Massive									
		Weakly Fractured (1 Fractures/Feet)	4390	614.00	616.00	2.00					
		< 1% Quartz Veining at 58 Deg. Cax. -- Avg. Width 1 cm									
		Pyrite: - 1%	4391	625.00	626.00	1.00					
		Galena: - trace in qv at 190.79m									
		Chlorite Alteration: - trace	4392	627.00	629.00	2.00					
			4393	636.00	637.20	1.20					
			4394	642.00	646.00	4.00					
			4395	648.50	650.00	1.50					
			4396	650.00	651.00	1.00					
			4397	655.00	656.00	1.00					
			4398	656.00	657.50	1.50					
			4399	666.50	668.00	1.50					
			4400	672.00	673.50	1.50					
			4601	676.00	678.00	2.00					

NORAMCO EXPLORATIONS INC.

NMD87-09

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DIAMOND DRILL LOG

Page 10

From (ft)	To (ft)	Description	Sample No.	From (ft)	To (ft)	Width (ft)	Au (oz/t)	Ag (oz/t)	Cu (ppm)	Zn (ppm)	Pb (ppm)
			4602	681.00	682.50	1.50					
			4603	694.00	696.00	2.00					
			4604	704.00	706.00	2.00					
			4605	706.00	709.00	3.00					
			4606	727.00	729.00	2.00					
			4607	734.00	736.00	2.00					
			4608	736.00	738.00	2.00					
			4609	742.80	745.00	2.20					
745.6	946.0	QUARTZ FELDSPAR PORPHYRY									
		Grey									
		Plagioclase: - 60%	4610	761.00	763.00	2.00					
		Quartz: - 35%									
		Coarse Grained	4612	780.00	782.00	2.00					
		Massive									
		Weakly Fractured (2 Fractures/Feet)	4613	792.00	794.50	2.50					
		1% Quartz Veining Random -- Avg. Width 5 mm	4614	794.50	795.50	1.00					

NORAMCO EXPLORATIONS INC.

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Sample Comments

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Sample No.	From (ft)	To (ft)	Width (ft)	-----Remarks-----
4335	11.00	14.00	3.00	BHG character sample
4336	32.00	35.00	3.00	BHG tr py K + epidote alt.
4337	55.00	58.00	3.00	BHG 40 cm qv 1% py tr carb
4338	83.00	86.00	3.00	BHG qv 1% py tr K alt.
4339	102.00	105.00	3.00	BHG 91 cm qv 10% py 4% mag
4340	124.00	127.00	3.00	BHG qv 1% py tr K alt.
4341	142.00	145.00	3.00	BHG 15 cm qv 2% py K alt.
4342	167.00	170.00	3.00	BHG 1% py tr cpy peg
4343	170.00	173.00	3.00	BHG qv 1% py bleach
4344	173.00	175.00	2.00	BHG + QV 1% py + cpy
4345	175.00	177.00	2.00	QV 1% gal 2% py+cpy
4346	177.00	179.00	2.00	QV 3% gal 4% cpy 2% py
4347	179.00	181.00	2.00	QV + BHG 1% cpy tr gal
4348	181.00	183.00	2.00	BHG + QV 1% cpy tr gal
4349	183.00	185.00	2.00	BHG 2% cpy qv 1% py
4350	186.00	187.00	1.00	QV 2% py + cpy peg dike
4351	193.00	195.00	2.00	BHG qv carb 1% cpy
4352	196.70	198.00	1.30	QV 4% cpy 2% py tr gal

NORAMCO EXPLORATIONS INC.

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Sample Comments

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Sample No.	From (ft)	To (ft)	Width (ft)	-----Remarks-----
4369	366.00	368.00	2.00	FT bleach 1% py
4370	380.00	382.00	2.00	FT 2% diss py tr gar alt.
4611	463.00	465.00	2.00	QFP 1% py qv tr carb
4386	587.00	589.00	2.00	ALT 1% po + py bleach
4387	589.00	591.00	2.00	ALT qv 1% py + po bleach
4388	596.00	598.00	2.00	ALT tr py K + ser alt
4389	608.70	610.00	1.30	FT 2% po 1% py bleach
4390	614.00	616.00	2.00	FT 2 * 2 cm qv 1% py
4391	625.00	626.00	1.00	FT tr gal qv 1% fuchsite
4392	627.00	629.00	2.00	FT 3% py tr K alt.
4393	636.00	637.20	1.20	FT 10 cm qv 2% py tourmaline
4394	642.00	646.00	4.00	FT 1% diss fuchsite py
4395	648.50	650.00	1.50	FT 1% fuchsite bleached
4396	650.00	651.00	1.00	FT 1% py tr fuchsite
4397	655.00	656.00	1.00	FT 2% fuchsite 1% diss py
4398	656.00	657.50	1.50	FT 1% py + fuchsite K alt.
4399	666.50	668.00	1.50	FT 1% diss py K alt.
4400	672.00	673.50	1.50	FT 2% diss py tr fuchsite

NORAMCO EXPLORATIONS INC.

NMD87-09

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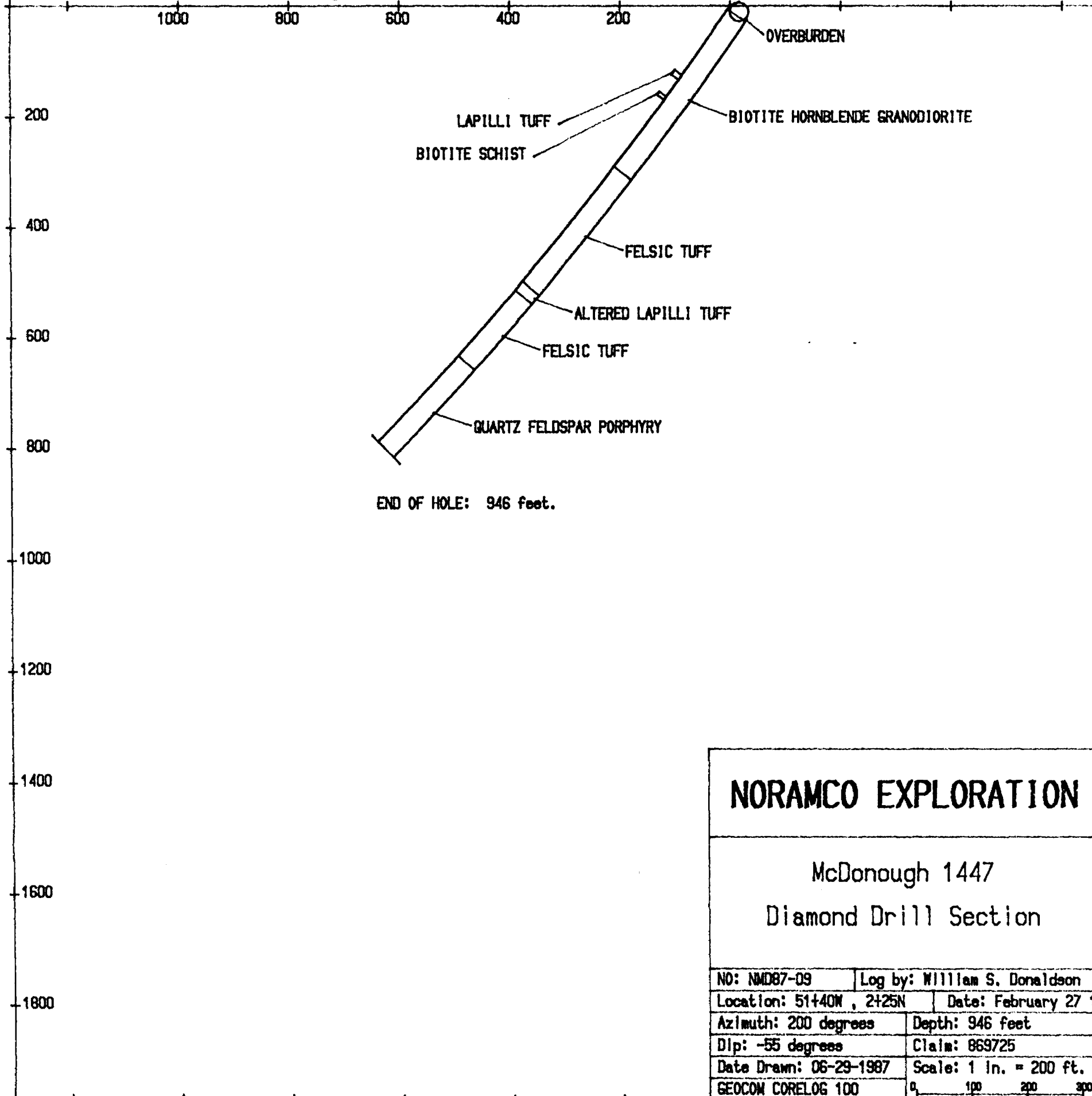
Sample Comments

Page 17

Sample No.	From (ft)	To (ft)	Width (ft)	-----Remarks-----
4618	847.00	850.00	3.00	QFP epi? bleach 1% py
4619	861.00	864.00	3.00	QFP 1% py green bleach qv
4620	866.00	868.00	2.00	QFP qv 1% py slight bleach
4621	871.00	873.00	2.00	QFP 1% py bleach chl alt ff
4622	896.50	898.00	1.50	QFP 2 cm qv tr py grn alt.
4623	898.00	900.00	2.00	QFP qv tr py bleach
4625	935.00	937.00	2.00	QFP qv tr py

NMD87-09

ELEVATION: Surface AZIMUTH: 200 degrees



END OF HOLE: 946 feet.

NORAMCO EXPLORATION

McDonough 1447
Diamond Drill Section

NO: NMD87-09	Log by: William S. Donaldson
Location: 5140N , 2425N	Date: February 27 1
Azimuth: 200 degrees	Depth: 946 feet
Dip: -55 degrees	Claim: 869725
Date Drawn: 06-29-1987	Scale: 1 in. = 200 ft.
GEOCOM CORELOG 100	0 100 200 300



Ministry of
Natural Resources

Report
of Work

67.
McDonough
PROPERTY



52N04NW0008 29 MCDONOUGH

900

(Work (Geological, Geophysical, Geochemical and Expenditures)”).

Ontario

AFRO

487

0061

Mining Act

Name and Postal Address of Recorded Holder <i>Pure Gold Resources Inc.</i> <i>1275 Main St. W. North Bay, Ontario</i>	Prospector's Licence No. <i>J-4689</i>
---	---

Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed <i>4927.71 days</i>	Mining Claim			Mining Claim			Mining Claim		
	Prefix	Number	Work Days Cr.	Prefix	Number	Work Days Cr.	Prefix	Number	Work Days Cr.
for Performance of the following work. (Check one only) <input type="checkbox"/> Manual Work <input type="checkbox"/> Shaft Sinking Drifting or other Lateral Work. <input type="checkbox"/> Compressed Air, other Power driven or mechanical equip. <input type="checkbox"/> Power Stripping <input checked="" type="checkbox"/> Diamond or other Core drilling <input type="checkbox"/> Land Survey	KRL	865504	27.87	KRL	865512	27.87	KRL	865520	27.87
		865505	27.87		865513	27.87		865521	27.87
		865506	27.87		865514	27.87		865522	27.87
		865507	27.87		865515	27.87		865523	27.87
		865508	27.87		865516	27.87		865524	27.87
		865509	27.87		865517	27.87		865525	27.87
		865510	27.87		865518	27.87		865526	27.87
		865511	27.87		865519	27.87		865527	27.87

All the work was performed on Mining Claim(s): (KRL) 869710, 894603, 865598, 865593, 869712, 869714, 869725

Required Information eg: type of equipment, Names, Addresses, etc. (See Table Below)

Diamond Drilling B.G. core (4,927.71 ft)

1) M & B drilling Jan 4, 87 - Jan 16 / 87.
4449 Marine Ave.
Powell River, B.C.
V8A 2K3.

2) Trans Arctic Drilling Jan 16 / 87 - Feb 23, 1987
Suite 815
850 WEST HASTINGS STREET
Vancouver
British Columbia V6C 1E2

ONTARIO GEOLOGICAL SURVEY
 ASSESSMENT FILES
 RESEARCH OFFICE
 JUL 21 1987
 RECEIVED

RECEIVED
 JUL 3 1987
 RED LAKE
 MINING DIV.

APPROVED JULY 3/87

Date of Report: *June 29, 1987*

Recorded Holder or Agent (Signature): *M. Dubois*

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying
Pure Gold Resources Inc. 1275 Main St. W.

Date Certified: *June 29, 1987*

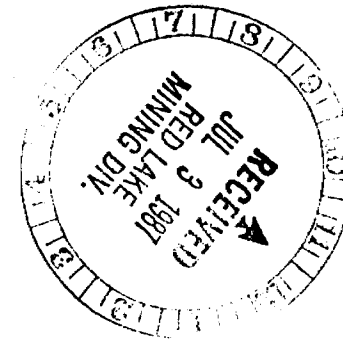
Certified by (Signature): *M. Dubois*

Table of Information/Attachments Required by the Mining Recorder

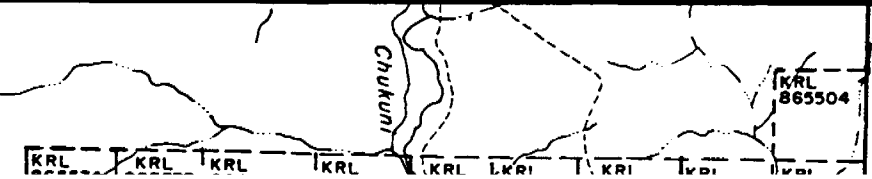
Type of Work	Specific information per type	Other information (Common to 2 or more types)	Attachments
Manual Work	Nil	Names and addresses of men who performed manual work/operated equipment, together with dates and hours of employment.	Work Sketch: these are required to show the location and extent of work in relation to the nearest claim post.
Shaft Sinking, Drifting or other Lateral Work			
Compressed air, other power driven or mechanical equip.	Type of equipment	Names and addresses of owner or operator together with dates when drilling/stripping done.	Work Sketch (as above) in duplicate
Power Stripping	Type of equipment and amount expended. Note: Proof of actual cost must be submitted within 30 days of recording.		
Diamond or other core drilling	Signed core log showing; footage, diameter of core, number and angles of holes.	<i>KRL. 865504</i>	

McDONOUGH PROPERTY CLAIMS CONTINUED

865528	28.45	865568	27.47	869717	27.47	966904	27.47
865529	27.47	865569	27.47	869718	27.47	966905	27.47
865530	27.47	865570	27.47	869719	27.47	966906	27.47
865531	27.47	865571	27.47	869720	27.47	966907	27.47
865532	27.47	865572	27.47	869721	27.47	966908	27.47
865533	27.47	865573	27.47	869722	27.47	966909	27.47
865534	27.47	865574	27.47	869723	27.47	966910	27.47
865535	27.47	865575	27.47	869724	27.47	966911	27.47
865536	27.47	865576	27.47	869725	27.47	966912	27.47
865537	27.47	865577	27.47	869726	27.47	966913	27.47
865538	27.47	865578	27.47	869727	27.47	966914	27.47
865539	27.47	865579	27.47	869728	27.47	966915	27.47
865540	27.47	865580	27.47	869729	27.47	966916	27.47
865541	27.47	865581	27.47	869730	27.47	966917	27.47
865542	27.47	865582	27.47	869731	27.47	966918	27.47
865543	27.47	865583	27.47	869732	27.47	966919	27.47
865544	27.47	865584	27.47	869733	27.47	966920	27.47
865545	27.47	865585	27.47	869734	27.47	966921	27.47
865546	27.47	865586	27.47	869735	27.47	966922	27.47
865547	27.47	865587	27.47	869736	27.47	966923	27.47
865548	27.47	865588	27.47	869737	27.47	966924	27.47
865549	27.47	865589	27.47	869738	27.47	966925	27.47
865550	27.47	865590	27.47	869739	27.47	966926	27.47
865551	27.47	865591	27.47	869740	27.47	966927	27.47
865552	27.47	865592	27.47	869741	27.47	966928	27.47
865553	27.47	865593	27.47	894600	27.47	966929	27.47
865554	27.47	865594	27.47	894601	27.47	966930	27.47
865555	27.47	865595	27.47	894602	27.47	966843	27.47
865556	27.47	865596	27.47	894603	27.47	966844	27.47
865557	27.47	865597	27.47	904538	27.47	966845	27.47
865558	27.47	865598	27.47	904539	27.47	966846	27.47
865559	27.47	865599	27.47	904540	27.47	966847	27.47
865560	27.47	869709	27.47	904541	27.47	967651	27.47
865561	27.47	869710	27.47	904542	27.47	967652	27.47
865562	27.47	869711	27.47	904543	27.47	967653	27.47
865563	27.47	869712	27.47	904544	27.47		
865564	27.47	869713	27.47	904548	27.47		
865565	27.47	869714	27.47	966901	27.47		
865566	27.47	869715	27.47	966902	27.47		
865567	27.47	869716	27.47	966903	27.47		



~~McDonough~~ ~~TRIP~~ M-2182



SCALE: 1-INCH

DISPOSITION OF C