



41016NW063 12 SILK

010

DIAMOND DRILLING

TOWNSHIP: silk

REPORT No.: 12

WORK PERFORMED BY: Orofino Resources Ltd.

<u>CLAIM No.</u>	<u>HOLE No.</u>	<u>FOOTAGE</u>	<u>DATE</u>	<u>NOTE</u>
P 520300	83-43	350	Oct/83	(1)
	83-44	101	Oct/83	(1)
	83-45	101	Oct/83	(1)
	83-46	353	Oct/83	(1)

4264/905'

NOTES: (1) #352-83

P520307

TRUE NORTH



LINE 108 W

LINE 96 WEST

LINE 84 WEST

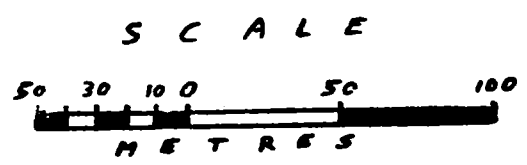
LINE 72 WEST

P520301

P520300

S43375

DDH 83-45 AZ 000°  
Dip -45°  
LENGTH 101' (30.9m)  
DDH 83-46 DIP -90°  
LENGTH 353' (107.6m)



TIE LINE 1

DDH 83-43 AZ 000°  
Dip -45°  
LENGTH 350' (106.7m)

DDH 83-44 AZ 000°  
Dip -45°  
LENGTH 101' (30.8m)

725' (221m) FROM TIE LINE

325' (99m)

250' (76.2m)

160' (48.8m)

66' (20m)

OROFINO RESOURCES LTD.	
LOCATION PLAN	
DRILL HOLES 83-43, 44, 45, 46	
NTS: 41-0-16	
TWP: SILK	
SCALE: 1:2500	
DATE: NOV 1983	DRAWN BY: G.H.

# OROFINO RESOURCES LIMITED

Property: Orofino  
 Location: Claim 520300 (see sketch  
 Co-ordinates: Not surveyed map)  
 HOLE: 83 - 43  
 Core size: AQ

Section: 350'  
 Length: 350'  
 Elevation:  
 Azimuth: Tr North Dip: -45°  
 Dip Tests: -43° 350'  
 Started: Oct. 5/83  
 Completed: Oct. 7/83  
 Logged by: Warren Gilman

## DRILL LOG

DEPTH		DESCRIPTION	sample number	width	from	to	ASSAYS			
from	to									
0.0	28.0	NOTE: All angles are measured with respect to the Tong core axis. All lengths in feet and tenths of feet  CASTING  FELDSPAR PORPHYRY: central ultra-silicic frosted coarse grain porphyry, vague phenocrysts due to late silicification, feld. to 5 mm. partly resorbed with fretted margins, assuming a vague granitoid fabric, black biotite phenos to 3 mm., Ct. flat  LAMPORPHYRE: silicified, beige grey fine grain dyke, vague amphibole phenos as slender prisms, 'green biotite' type dyke, commonest in mine area, fine py Cts flat.  BASIC LAVA; ANDESITE: fine grain, med. green, chl. matrix with reticulate cb. across fabric, massive, fine fractures lined with epidote and some py, po, silica typical greenstone  FELDSPAR PORPHYRY: red brown fine grain vitreous matrix, with 35% zoned feld. phenos right to Ct. and minor subhedral biotite phenos, fine py, Cts 10°TCN (drilling proximate to dyke Ct. through section)  BASIC LAVA - ANDESITE: as described 36.2-42.2  FELDSPAR PORPHYRY: red brown, marginal phase, described 42.2-50.7; Cts 90°TCN  BASIC LAVA - ANDESITE: as described 36.2-42.2; xenoliths porphyry  FELDSPAR PORPHYRY: as described 36.2-42.2; upper Ct. 50°TCN, lower Ct. destroyed  BASIC LAVA - ANDESITE: fine grain, med. green, as described 36.2-42.2  FELDSPAR PORPHYRY: red brown, fine grain, as described 42.2-50.7  BASIC LAVA - ANDESITE: as described 36.2-42.2; py, po persists in cb. fractures 70°TCN  FELDSPAR PORPHYRY: red brown, fine grain contact phase, Cts 0°TCN, therefore about 45° dip on dyke  BASIC LAVA - ANDESITE: fine grain, med. green, as described 36.2-42.2								
28.0	34.6									
34.6	36.2									
36.2	42.2									
42.2	50.7									
50.7	59.3									
59.3	63.3									
63.3	65.0									
65.0	66.0									
66.0	73.4									
73.4	74.8									
74.8	86.0									
86.0	90.8									
90.8	92.0									

# OROFINO

RESOURCES LIMITED

DRILL LOG

Property:  
Location:  
Co-ordinates:

HOLE: 83.43  
Core size:

Section:  
Length:  
Elevation:  
Azimuth:

Dip:

Dip Tests:  
Started:  
Completed:  
Logged by:

DEPTH

from to

DESCRIPTION

NOTE: All angles are measured with respect to the long core axis.  
All lengths in feet and tenths of feet

sample number

width

from

to

ASSAYS

DEPTH	from	to	DESCRIPTION	sample number	width	from	to	ASSAYS
92.0		93.7	FELDSPAR PORPHYRY: as described 42.2-50.7					
93.7		113.0	BASIC LAVA - ANDESITE: as above, described 36.2-42.2; some 3 cm. epidote, qtz, feld. veins 30°TCN					
113.0		115.0	FELDSPAR PORPHYRY: fine grain red brown, marginal phase Cts 0° to 10°TCN					
115.0		126.3	BASIC LAVA - ANDESITE: as above, local strong fractures threaded with silica, epidote, 3 cm. qtz vein at 120.5 barren, random fine py, 2% average					
126.3		129.7	FELDSPAR PORPHYRY: fine grain red brown, ultra-silicic marginal phase, as above, feld. phenos 5 mm. upper Ct. 80°TCN, lower 70°TCN					
129.7		139.0	BASIC LAVA - ANDESITE: as above, fine grain med. green, at 132.5-133.3; FAULT-- intratransformational, mortared granular fragments in chl. matrix 90°TCN, volcanic banding 40°TCN in Foot Wall; from 134-139 recognizable fragmental and mini-brx flow top, flowage during crystallization					
139.0		142.0	FELDSPAR PORPHYRY: red brown very fine grain, silicic, sparse phenocrysts plag., 10%, to 5 mm. Cts flat, greyish center, probably smaller satellite dyke					
142.0		158.5	BASIC LAVA - ANDESITE: flow top, mini brx, epidotic bombs, fractured, grading to fine grain flow					
158.5		158.7	FELDSPAR PORPHYRY: 20°TCN Cts					
158.7		160.5	LAMPORPHYRE: fine grain light grey massive but heavily fractured and threaded with silica epidote, lower half bleached to tan, fine grain soft sericitic, en echelon qtz stringers, no sulphides					
160.5		178.5	FELDSPAR PORPHYRY: very light tan, fine grain silicic light matrix, 'crystal mush' of anhedral feld. phenos 60% of fabric - typical F.P., colour due to alt'n (never seen before in 80,000 ft. drilling) bleached from upper Ct. to .5' from lower Ct., typical red brown abundant en echelon qtz feld. veining through tan bleach at 40° to 80°TCN, minor py					

**DRILL LOG**

Property: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Co-ordinates: \_\_\_\_\_

HOLE: 83-45  
 Core size: \_\_\_\_\_

Section: \_\_\_\_\_  
 Length: \_\_\_\_\_  
 Elevation: \_\_\_\_\_  
 Azimuth: \_\_\_\_\_

Dip: \_\_\_\_\_

Dip Tests:  
 Started: \_\_\_\_\_  
 Completed: \_\_\_\_\_  
 Logged by: \_\_\_\_\_

**ASSAYS**

DEPTH

from to

**DESCRIPTION**  
 NOTE: All angles are measured with respect to the long core axis.  
 All lengths in feet and tenths of feet

sample number

width

from

to

DEPTH	from	to	DESCRIPTION	sample number	width	from	to	ASSAYS
178.5		221.0	<p><b>BASIC LAVA - ANDESITE:</b> fine grain med. green, 'roapy' flow top, some lighter green epidotic brecciated bombs and fragmentals, short amygdaloidal segments, with recrystallized small angular and ovoidal amygdules, stretched at 70° to 80°TCN, very poor angle of intersection, appears intersection of flow with low dip <math>\lambda</math>, sulphides rare, sporadic with local minor shears 90°TCN, fine py rims epidotic bleached bombs; at 196' intraformational fault 10 cm., fine brx cemented by cb., 4% py</p> <p>207.0-212.0 brecciated shear, threaded with fine cb., 8% disseminated py shear probably satellite to larger fault, dips -70°N from horizontal</p> <p>at 207' flow top features disappear with fine grain fold'd non-descript lava below with 3% disseminated py; at 219' vein qtz cb. parallel fault -70°N, 10 cm. interlayered qtz cb., at 20° angle to prevailing fold'n</p> <p><b>FELDSPAR PORPHYRY:</b> (not to be confused with F.P. of mine area) a med. grain light grey green carb'd matrix with anhedral field. phenos (white) and amphibole to 3 mm., finer matrix 30% amph. chl., very fine py, Cts 45°TCN -- some field. zoned and 1 cm.</p> <p><b>BASIC LAVA - ANDESITE:</b> fine grain (to med. grain for colcanic flow) massive, homogeneous, med. green, individual crystals distinct (X10), chl. cb. epidote, fine leucoxene, amph. and unaltered subhedral field. (not severely met'mph'd minor thin cb. threads with fine py, some epidotic fractures, disseminated matrix py. 1%, fold'n vague</p> <p><b>FELDSPAR PORPHYRY:</b> fine grain light beige, fabric and texture same as mine area dykes F.P., bleached due to alt'n from faulting within dyke, displacement along slips, secondary silica veins, cut off, same 35 to 45% field phenos, zoned (some epidotic interiors), 5% green amphibole phenos to 3 mm., irregular secondary fractures in porphyry with sericite and chl. mats, py average 3%, Cts 10°TCN, from 250.0-250.4 xenolith of fine grain lava, Cts 10°TCN, probably lower 1.3' is a satellite dyke, secondary displacement within dyke along slips, not evident in mine area F.P.</p>	8785	5.0	207.0	212.0	
221.0		228.1						
228.1		241.2						
241.2		251.8						

# OROFINO

## RESOURCES LIMITED

### DRILL LOG

Property: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Co-ordinates: \_\_\_\_\_

HOLE: 83-43.  
 Core size: \_\_\_\_\_

Section: \_\_\_\_\_  
 Length: \_\_\_\_\_  
 Elevation: \_\_\_\_\_  
 Azimuth: \_\_\_\_\_

Dip Tests:  
 Started: \_\_\_\_\_  
 Completed: \_\_\_\_\_  
 Logged by: \_\_\_\_\_

**D E S C R I P T I O N**

NOTE: All angles are measured with respect to the long core axis.  
 All lengths in feet and tenths of feet

DEPTH	from	to	DESCRIPTION	sample number	width	from	to	ASSAYS			
251.8		280.2	BASIC LAVA - ANDESITE: (as described 228.1-241.2), heavier disseminated py at both Cts of F.P. with minor fracturing, py may average 4 to 5% for 10 cm., Cb. vein at 263 to 263.7 80°TCN, multiple, layered lower temp. variety, barren								
280.2		301.8	FELDSPAR PORPHYRY: as described 221.0-228.1; a med. grain very light grey green, but silicified matrix, very abundant 20% varisized amphiboles as matrix and small phenos, very unlike F.P. 241.2-251.8 described above, this dyke appears like hybrid of lamprophyre and silicified F.P.; bleached beige in center with minor slippage, Cts irregular 80° and 90°TCN, disseminated py to 8% in central beige core								
301.8		305.3	BASIC LAVA - ANDESITE: as above 228.1-241.2 and 251.8-280.2; non-silicic, pronounced folt'n 80°TCN, parallel beige schlieren (sericite), threaded with thin cb. roughly parallel schistosity, slippage along steep fractures (variable folt'n opposite breaks, minor py, trace po with slips								
305.3		322.0	FELDSPAR PORPHYRY: as described 241.2-251.8, very similar to mine area F.P., upper Ct. 10°TCN, lower 40°, same sporadic beige alt'n, absorption mafics								
322.0		328.6	BASIC LAVA - ANDESITE: fine to med. grain, med. green, homogeneous massive, some F.P. and lamp. stringers								
328.6		331.0	LAMPROPHYRE: med. grain pink green matrix of pink cb., chloritic amphibole with ovoidal white cb. phenos to 2 mm., Cts 40°TCN								
331.0		332.8	BASIC LAVA - ANDESITE: as above, massive texture, permeated with lamprophyre fluids								
332.8		348.8	FELDSPAR PORPHYRY: fine grain vitreous red brown matrix, usual F.P. with small 2 to 3 mm. feld. phenocrysts, grading to light grey to white from 335 to 338' to beige to 345'; at 345' displacement within dyke alters fabric to pink, vitreous light pink matrix and darker pink feld. phenos, passes to beige to light grey to red brown at lower Ct. (Faulting post F.P. is unusual), 15% fine shards amphibole in grey F.P., obliterated with advanced pink alteration, persistent 3% fine py, post fracturing with silice, sericite lining, Cts 60°TCN								

# OROFINO

RESOURCES LIMITED

## DRILL LOG

Property:  
Location:  
Co-ordinates:

HOLE: 83-43  
Core size:

Section:  
Length:  
Elevation:  
Azimuth:

Dip:

Dip Tests:  
Started:  
Completed:  
Logged by:

### ASSAYS

**DESCRIPTION**  
NOTE: All angles are measured with respect to the long core axis.  
All lengths in feet and tenths of feet

DEPTH	from	to	sample number	width	from	to	ASSAYS							
348.8		350.0												
		350.0												

BASIC LAVA - ANDESITE: fine grain dark green matrix, silicified with widespread fine leucoxene, original cb., chl. metamorphic fabric imprinted with silicification, e.g. chl. mesostasis with wormy cb. Intergrowths, a .3 cm. Cb. qtz barren vein at 15' TCN, 3% fine disseminated py

END OF HOLE

*M. J. Hillman*

# OROFINO

RESOURCES LIMITED

**DRILL LOG**

Property: Orofino  
 Location: Claim 520300 (see sketch map)  
 Co-ordinates: Not surveyed  
 HOLE: 83 - 44  
 Core size: AQ

Section: 101'  
 Length: 101'  
 Elevation:  
 Azimuth: Tr North Dip: -45°  
 Dip Tests: NIL  
 Started: Oct. 8/83  
 Completed: Oct. 9/83  
 Logged by: Warren Gilman

**D E S C R I P T I O N**

NOTE: All angles are measured with respect to the long core axis.  
 All lengths in feet and tenths of feet

DEPTH		DESCRIPTION	SAMPLE NUMBER	WIDTH	FROM	TO	ASSAYS	
from	to							
0.0	0.3	Humus						
0.3	1.0	B horizon - limonitic, sand, clay						
1.0	1.7	Bleached white zone, sand, clay						
1.7	12.0	Fine white qtz beach sand (amethyst, jasper, white chert)						
12.0	18.0	Quartz beach sand, pebbles granite						
18.0	24.0	Several clay layers .1' interbedded with fine white sand						
24.0	37.0	Small cobbles random through clayey white sand						
37.0	51.0	White quartz beach sand, jasper, amethyst						
51.0	68.0	.5' sand clay layers interbedded with fine white beach sand						
68.0	70.0	Gravel to 1 cm. interlayered with small pebbles granite gneiss						
70.0	82.0	White quartz beach sand - small concentration vari-coloured heavy minerals						
82.0	88.0	Some sand - with extensive coarse gravel (granite gneiss - greenstone pebbles)						
88.0	94.0	Coarse quartz sand with fractured rock fragments						
94.0	95.0	Granite boulders 20 to 50 cm. with white beach sand						
95.0	101.0	Boulders - gneiss, greenstone, mica schist - rods temporarily stuck, lower rod sheared - twisted						
	101.0	HOLE ABANDONED						

W. Gilman



# OROFINO

RESOURCES LIMITED

DRILL LOG

Property: Orofino  
 Location: Claim 520300 (see sketch, map)  
 Co-ordinates: Not surveyed  
 HOLE: 83 - 45  
 Core size: A0

Section: \_\_\_\_\_  
 Length: 101'  
 Elevation: \_\_\_\_\_  
 Azimuth: Tr. North Dip: -45°  
 Dip Tests: NIL  
 Started: October 10/83  
 Completed: October 10/83  
 Logged by: Warren Gilman

DEPTH		DESCRIPTION	SAMPLE NUMBER	WIDTH	FROM	TO	ASSAYS				
from	to										
0	3	Black Muck (acid)									
3	7	Clay -- grey white									
7	9	Clay -- blue									
9	24	Fine white quartz beach sand (amethyst, jasper, white chert)									
24	32	Quartz beach sand, pebbles (granite gneiss, mica schist)									
32	43	Several thin clay layers interbedded with quartz beach sand									
43	48	Several thin pebble bands interbedded with white quartz sand									
48	57	Intermittent cobbles and gravel layers with white quartz beach sand									
57	73	Gravel to 1 cm. interlayered with pebbles granite gneiss									
73	86	White sand with coarse gravel layers, cobbles granite									
86	94	Coarse quartz sand with fractured rock fragments (granite gneiss)									
94	101	Sand between coarse boulders (impossible to penetrate without tri-cone bit -- danger of losing rod string)									
101	101	HOLE ABANDONED									

W. Gilman

# OROFINO RESOURCES LIMITED

## DRILL LOG

Property: Orofino  
 Location: Claim 52030N (see sketch HOLE: 83 - 46  
 Co-ordinates: Not surveyed map) Core size: AQ

Section: -86° 353'  
 Length: 353'  
 Elevation: Started: October 11/83  
 Azimuth: 0° Completed: October 12/83  
 Dip: 90° Logged by: Warren Gilman

**D E S C R I P T I O N**  
 NOTE: All angles are measured with respect to the long core axis.  
 All lengths in feet and tenths of feet

DEPTH		DESCRIPTION	sample number	width	from	to	ASSAYS									
from	to															
0.0	58.0	CASING														
58.0	85.6	BASIC LAVA - ANDESITE: fine grain med. green, chl. matrix with equi-amount dark green fine amphibole, ovoidal blebs cb., massive, fine fractures with cb., silica, several random qtz veins from 5 mm. to 3 cm., some pink cb. on margins veins average 10° to 40°TCN, some with minor py, most are barren, pronounced migmatization of basic lava at lower Ct.														
85.6	87.9	LAMPROPHYRE: fine grain light grey, cb. chl. matrix with 25% phenocrysts dark green amphibole, lath. and shards amphibole, some anhedral xenoliths undigested chloritic host rock, cb't'd., some py lining fractures, Cts 60°TCN														
87.9	92.6	BASIC LAVA: porphyritic, med. grain field., 'chl. amph. matrix with 3 to 5 mm. glomero-aggregates cream feld., inclusions or segregations are a felsic melange from which laths plag. radiate from nucleas, migmatized lava														
92.6	93.0	LAMPROPHYRE: fine grain dark green homogeneous satellite dyke, Cts 0°TCN, vague phenos amphibole														
93.0	105.0	BASIC LAVA - ANDESITE: from Ct. to 98' essentially med. grain porphyritic as described above, from 98 a foliated fine grain chloritic flow with vague 'phenocrystic' clots chl., 3 to 4% disseminated py, grading to fine to med. grain leucoxene rich paze with 'metacrysts' leucoxene with ovoidal clots cb. through 105', leucoxene parallels schistosity 60°TCN, some random massive cb. injection 30° to 90°TCN.														
105.0	189.5	BASIC LAVA - ANDESITE: very coarse amphibole - feld. recrystallized and migmatized fabric, an interlocking array of cxs amphiboles with intervening cb. feld. mosaic, to 5 mm., folt'n varies from 50 to 80°TCN over short segments; from 121 to 123 a fine grain angydolooidal flow top in Cb't'd med. grain matrix with 2% fine py; below 123 coarse grain recrystallized phase persists migmatized basic lava, cxs amphiboles, feld. in diabasic array, chl. epidote intermixed, cxs single leucoxene, reworked fabric, minor pulverized shears at 80 TCN, some qtz cb. fractures to .3 cm., py rare, several colourless clots of felsic comp'n appear through 150 to 175, tending toward migmatization to diorite, folt'n 90°TCN														

# OROFINO

RESOURCES LIMITED

**DRILL LOG**

Property: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Co-ordinates: \_\_\_\_\_

HOLE: 83-46  
 Core size: \_\_\_\_\_

Section: \_\_\_\_\_  
 Length: \_\_\_\_\_  
 Elevation: \_\_\_\_\_  
 Azimuth: \_\_\_\_\_

Dip Tests: \_\_\_\_\_  
 Started: \_\_\_\_\_  
 Completed: \_\_\_\_\_  
 Logged by: \_\_\_\_\_

**D E S C R I P T I O N**

NOTE: All angles are measured with respect to the long core axis.  
 All lengths in feet and tenths of feet

DEPTH		DESCRIPTION	sample number	width	from	to	ASSAYS			
from	to									
189.5	199.1	BASIC LAVA - ANDESITE: a retrograded migmatite, fine grain med. green, crs leucokene large blebs quartz cb. in a contorted fine matrix of chl. cb., fine epidote folt'n vertical, fabric shows evidence of grinding and rotation prior to recrystallization 190.6-191.4 cb. qtz contorted vertical 3 cm. vein, slips in vein later, 2%cpy	8786	1.0	190.6	191.4				
199.1	200.0	LAMPROPHYRE: fine grain med. green 'green biotite' type, prisms amphibole with some chloritic alt'n, in a fine matrix of chl. cb. field. epidote -- most common lamprophyre in mine area, Cts 30°TCN								
200.0	209.0	BASIC LAVA - ANDESITE: partial obliteration, contortion of volcanic, migmatite fabric, local ptygmatic folding, some schisting, short cb. veins 1 to 2 cm. at 60°TCN 206.0-209.0 several flat qtz veins to 10 cm., trace py, some py on margins	8787	3.0	206.0	209.0				
209.0	211.7	BASIC LAVA - ANDESITE MGMATITE: clear aggregated field. laths in diabasic array in amphibole, chl. cb. epidote matrix with dominant clustered chloritic amph.								
211.7	217.0	LAMPROPHYRE: fine grain light grey, cb. chl. matrix with lone 'phenocrysts' orbicular cb. and amorphous clots chl. (probable xenoliths basic lava) no fresh distinct amphiboles, some larger feld. 'phenocrysts' partly cb't'd, Cts 40°TCN								
217.0	241.5	BASIC LAVA - ANDESITE - MGMATITE: as above 209.0-211.7; random segments with aggregated magnetite, at 70°TCN, chloritic fine grain segments with some regression of fabric 221.3-226.3 qtz veins (2) flat, barren, cb. qtz minor vein 45°TCN, rare py	8788	5.0	221.3	226.3				
241.5	244.0	BASIC LAVA - ANDESITE: fine to med. grain with some very fine from 241.5-243.0; due to some regression by vein 241.5-243.0 cb. vein .8' impure chloritic 70°TCN some rimming py to 5%, grades thereafter to typical fine grain andesite with minute xstals feld. amph. epidote cb.	8789	1.5	241.5	243.0				

# OROFINO

RESOURCES LIMITED

## DRILL LOG

Property:  
Location:  
Co-ordinates:

HOLE: 83-46  
Core size:

Section:  
Length:  
Elevation:  
Azimuth:

Dip:

Dip Tests:  
Started:  
Completed:  
Logged by:

### ASSAYS

DEPTH  
from to

DESCRIPTION  
NOTE: All angles are measured with respect to the long core axis.  
All lengths in feet and tenths of feet

sample number	width	from	to			

244.0	268.0	<p>BASIC LAVA - ANDESITE - MIGMATIZED: coarse grain med. green, crs amphiboles, epidotized fretted field., chl., massive, fol't'n 70°TCN, local 1 to 3 cm. 'islands' of felsic migmatitic injection with white field. laths and Qtz cb., fabric recrystallized then epidotized, later random migmatitization; at 247 and at 252, 10 cm. Qtz cb. barren branching veins at 30°TCN with adjacent fine grain lava, rare py on margins</p>				
268.0	268.2	<p>LAMPROPHYRE: fine grain med. green, 'green biotite' type, prisms and blebs, chl. amph., upper Ct. 70°TCN</p>				
268.2	286.0	<p>BASIC LAVA - ANDESITE - MIGMATIZED: coarse grain med. green, exactly as above 244.0-268.0; sporadic py, fol't'n appears 70°TCN</p>				
286.0	302.0	<p>MIGMATIZED LAVA: grading toward diorite - hybrid - a fine grain chl. cb. matrix with abundant orbicular felsic Qtz inclusions with fresh white plag. laths. Internal, coarse amphiboles random, magnetite sporadic, an original matrix field. partly destroyed and pocked with cb. some 1 cm. Qtz epidote veins at 50°TCN with marginal py</p>				
302.0	309.0	<p>BASIC LAVA - ANDESITE: fine grain med. green, typical fabric of Abitibi greenstone minute crystals epidote, cb., field. amph., undisturbed other than regional alt'n grading to chl. schist with boudins cb. from 308 to 309, cb. threading throughout, schist 80°TCN</p>				
309.0	328.0	<p>LAMPROPHYRE: (following represents a major Shear Zone and Fault Trace) schistcd cb. rich, saturation, penetration of dyke along schist planes of chl. schist, probable later movement has produced resulting fabric, boudins and schlieren pink and grey cb. with interlayered chl. mats, a strongly schistcd dyke with prevailing 60° to 70°TCN trend parallel fol't'n, some small chl. schist inclusions within cb. rich mosaic, post consolidation fracturing threaded with clear white and pink cb., central portion of dyke 80° to 90°TCN</p>				

# OROFINO

RESOURCES LIMITED

**DRILL LOG**

Property:  
Location:  
Co-ordinates:

Section:  
Length:  
Elevation:  
Azimuth:

HOLE: 83-46  
Core size:

Dip Tests:  
Started:  
Completed:  
Logged by:

**D E S C R I P T I O N**

NOTE: All angles are measured with respect to the long core axis.  
All lengths in feet and tenths of feet

DEPTH	DESCRIPTION	sample number	width	from	to	ASSAYS						
from	to											
328.0	333.5											
333.5	346.0	8790	5.5	328.0	333.5							
346.0	353.0											
353.0	353.0											

CHLORITE SCHIST: chl. laminae with mint-boudins of cb. parallel to fol't'n, a post fracturing filled with white cb. as contorted brx., 2 qtz veins barren of 20 cm.  
328.0-333.5 barren contorted chl. sch. with later brxt'n parallel fol't'n, trace py

LAMPROPHYRE: schistcd cb. rich light grey to slight pink saturation type penetration of chl. schist along chl. folds, py minimal to Nil -- as described 309.0-328.0 fol't'n most intense at 80° to 90°TCN

BASIC LAVA - ANDESITE: fine grain med. to dark green, some cb. lenses parallel fol't'n., (some schist at upper Ct. grading rapidly to massive lava with post consolidation fractures with cb. cement) py increases from Nil to 4% in last 5' of hole, (xenoliths massive lamprophyre ls segment)

END OF HOLE

M. F. Williams



W8306.352

# ~~352~~  
The Miner



41016M0063 12 SILK

300

Name and Address of Recorded Holder

Orofino Resources Ltd.; P.O. Box 143 . *McWoods* *Ont.* T931

Suite 3140, 1 First Canadian Place; Toronto, Ontario MSX 1C7

Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed 905 Man Days	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	P	520300	40	P	539902	60			
		520301	60		539903	60			
		520302	60		539908	40			
		520303	60		529284	100			
		520304	60		<del>529286</del>	<del>100</del>			
		520305	60						
		520306	60		TOTAL	<del>780</del>			
		520307	20						

All the work was performed on Mining Claim(s): 520300

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

N. Morrisette Diamond Drilling Ltd.  
Haileybury, Ontario

Wire - Line Diamond Drilling  
Drilling AQ rod size

Drill Log 83-43 Started Oct. 5/83 Finished Oct. 7/83 Depth 350 feet

Drill Log 83-44 Started Oct. 8/83 Finished Oct. 9/83 Depth 101 feet

Drill Log 83-45 Started Oct. 10/83 Finished Oct. 10/83 Depth 101 feet

Drill Log 83-46 Started Oct. 11/83 Finished Oct. 12/83 Depth 101 feet

*125 days credit unused. BA.*

*-18 assay coupons issued Nov 10/83 BA.*

RECORDED NOV 1 1983

RECEIVED NOV 10 1983

ONTARIO GEOLOGICAL SURVEY ASSESSMENT FILES RESEARCH OFFICE

DEC 28 1983

RECEIVED

Date of Report: November 10/83

Recorded Holder or Agent (Signature): *G. HARPER*

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: *M. F. Gilman*

107 Wilson Avenue, Timmins, Ontario P4N 2S8

Date Certified: November 10/83

Certified by (Signature): *M. F. Gilman*

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.	Nil	Nil
Land Survey	Name and address of Ontario land surveyor.		



# 358/84

Instructions - Supply required data on a separate form for each type of work to be recorded (see table below). For Geo-technical work use form no. 1362 "Report of Work (Geological, Geophysical, Geochemical and Expenditures)".

Mining Act

SILK Twp.

Name and Address of Recorded Holder <b>Orofino Resources Ltd.</b> Suite 3140, P.O. Bx 143; Toronto, Ontario M5X 1C7	Prospector's Licence No. <b>T-931</b>
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Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed <b>81 days</b>	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	P	539904	20.25						
		539905	20.25						
		539906	20.25						
		539907	20.25						

ONTARIO GEOLOGICAL SURVEY  
ASSESSMENT FILES  
RESEARCH OFFICE  
SEP 25 1984  
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All the work was performed on Mining Claim(s): **520300**

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

Using credit from Work Report 352/83 (changed from 328/83)  
 Re: 225 days credit for 1983 Diamond Drilling, apply as follows:  
 20.25 days due in 1984 on claims P539904-905-906-907, Horwood Twp.?  
 (20.25 days X 4 = 81 days)  
 therefore, 144 days are left of the original according to W.R. 352/83.

Wire - Line Diamond Drilling  
 Drilling AQ rod size

Drill Log 83-43	Started Oct. 5/83	Finished Oct. 7/83	Depth 350 feet
Drill Log 83-44	Started Oct. 8/83	Finished Oct. 9/83	Depth 101 feet
Drill Log 83-45	Started Oct. 10/83	Finished Oct. 10/83	Depth 101 feet
Drill Log 83-46	Started Oct. 11/83	Finished Oct. 12/83	Depth 353 feet

905 feet

**RECORDED**  
1 SEP 7 1984  
Receipt No. \_\_\_\_\_

FORCUPINE MINING DIVISION  
**RECEIVED**  
SEP - 7 1984

Certification Verifying Report of Work

I hereby certify that I have personally and to the best of my knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same, and that the information and the annexed report is true.

Name and Postal Address of Person Certifying  
**Warren F. Gilman 107 Wilson Ave.**  
**Timmins, Ontario P4N 2S8**

Date of Report: **Sept. 7/84**  
Recorded Holder or Agent (Signature): *W. F. Gilman*

Date Certified: **Sept. 7/84**  
Certified by (Signature): *W. F. Gilman*

Table of Information/Attachments Required by the Mining Recorder

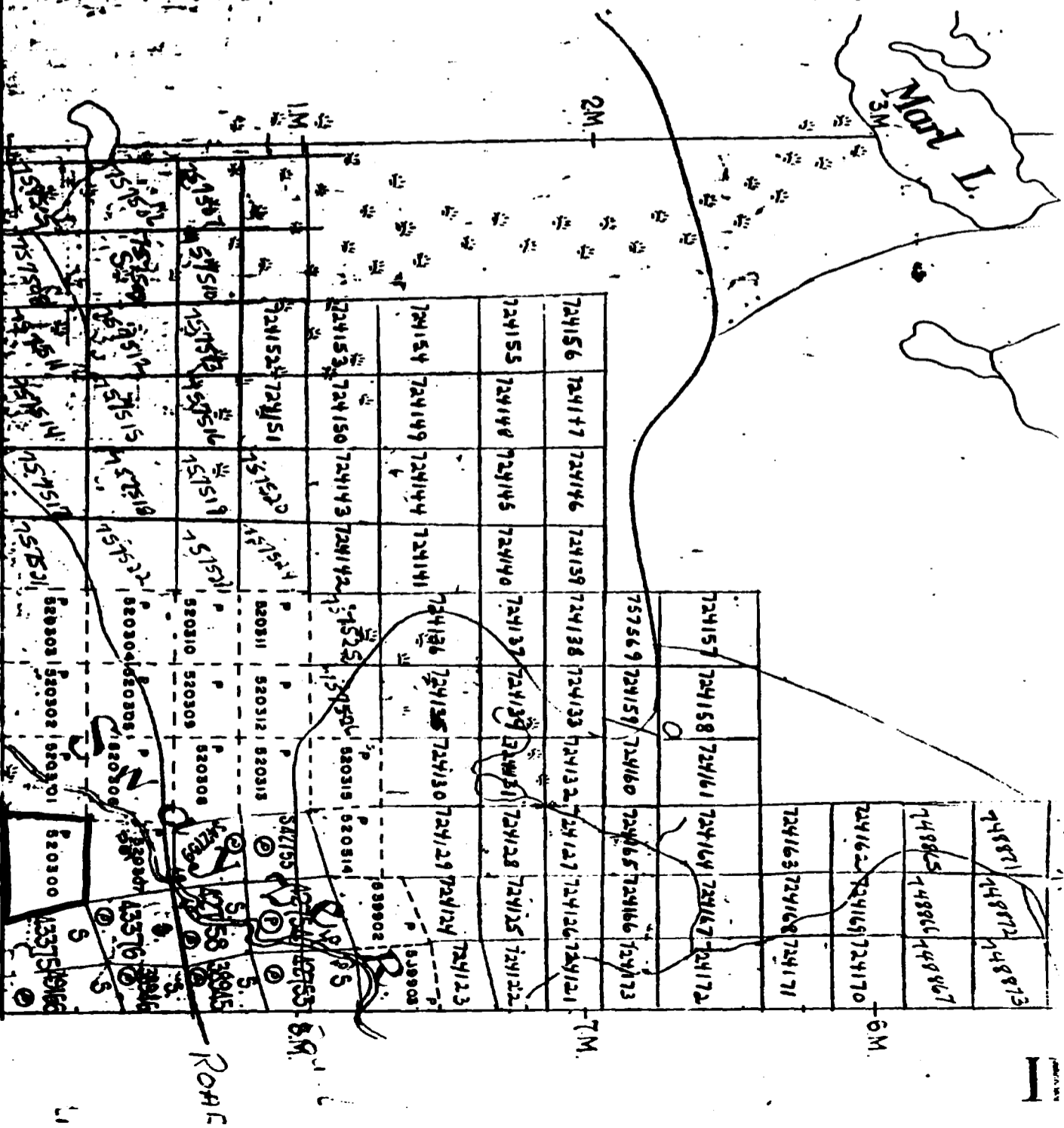
Type of Work	Specific information per type	Other information (Common to 2 or more types)	Attachments
Manual Work	Nil	Names and addresses of men who performed manual work/operated equipment, together with dates and hours of employment.	Work Sketch: these are required to show the location and extent of 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 gone.	Work Sketch: these are required to show the location and extent of work in relation to the nearest claim post.
Power Stripping	Type of equipment and amount expended. Note: Proof of actual cost must be submitted with in 30 days of recording		
Diamond or other core drilling	Signed core log showing: footage, diameter of core, number and angles of holes.	Nil	Nil
Land Survey	Name and address of Ontario land surveyer.		

# GHANA

(WESTERN LANDS)

Plotted Land  
in 1/4 acre Plots.

*Sink M. 1115*



NEWTON

*Bevan M. 1114/P2*

PEPILAN