

Fireweed 093m/01

822108

## Dip Tests

Hole	Depth (ft)	(m)	meas. angle	corr. angle
✓ FW88-33 ENTERED	0	0	-	-64°
	X 197	60.05	-69°	-63°
	407	124.05	-71°	-65°
	547	166.73	-70°	-64°
✓ FW88-34	0	0	-	-47°
	X 217	66.14	-54°	-46°
	500	152.40	-50°	-42°
✓ FW88-35	0	0	-	-60°
	236	71.9	-66°	-59°
	X 367	111.9	-65°	-58°
	497	151.5	-61°	-53°
	647	197.2	-64°	-57°
✓ FW88-36	0	0	-	-50°
	X 316	96.3	-56°	-48°
	500	152.4	-54°	-46°
✓ FW88-37	0	0	-	-69°
	X 447	136.2	-74°	-68.5°
	820	249.9	-70°	-64°
✓ FW88-38	0	0	-	-60°
	X 527	160.6	-67°	-60°
✓ FW88-39	0	0	-	-49°
	X 517	157.6	-56°	-48°
✓ FW88-40	0	0	-	-46°
	X 457	139.3	-51°	-43°
✓ FW88-41	0	0	-	-70°
	300	91.4	-74°	-69°
	600	182.9	-74°	-69°
✓ FW88-42	0	0	-	-45°
	200	60.1m	-55°	-47°
	370'	112.8m	-55°	-47°
✓ FW88-43	0	0	-	-60°
	- 567	172.8	-64°	-57°

Hole	Depth (ft)	(m)	meas. angle	corr. angle
✓ FW88-44	0 - 350 - 725	0 106.7 221.0	- -75° -75°	-71° -70° -70°
✓ FW88-45	0 - 250 - 567	0 76.2 172.8	- -52.5° unreadable	-44° -44.5°
✓ FW88-46	0 427	0 130.2	- -65°	-58°
✓ FW88-47	0 596'	0 181.7	- -52°	-45° -44°
✓ FW88-48	0 300' 577'	0 91.4 175.9	- -51° -49.5	-44° -43° -41°
✗ FW88-49	0 300' 675'	0 91.4 205.7	- -51° -53	-46° -43 -45°
✓ FW88-50	0 400'	0 121.9	- -79°	-71° -75°
✓ FW88-51	0 250' 537	0 76.2 163.7	- -57° -51°	-46° -47° -43°
✓ FW89-01	0 400' 805'	0 121.9 245.4	- 69° 66°	63 62° 59°
✓ FW89-02	0 415'	0 126.5	- 75	71° 74½°
✓ FW89-03	0 400' 795'	0 121.9 242.3	- 69° 64°	63° 62° 56°
FW 89-04	0 410'	0 125.0	- 74°	69° 68°

HOLE	DEPTH	METERS	CORR AVE
✓ Fw89-05	0 350' 677'	- 106.7 206.4	60 59 58
✓ Fw89-06	0' 557'	169.8	57° 53°
✓ Fw89-07	0 300' 597'	91.4 182.0	-46° 44° 39°
✓ Fw89-08	0 583'	177.7	-46° 41°

## East Zone

### FW-12

- 0 - 39.6 ob  
39.6 - 44.6 SLST gtz-sulp veins.  
44.6 - 50.95 SST  
50.95 - 68.7 SLST, SST  
68.7 - 85.9 - SST 68.7 - 69.6 - gtz-sulp bx <sup>new work</sup>  
85.9 - 100.5 - SST, SLST 3-8% py, tr sph, gn.  
100.5 - 174.9 - SLST 131.5 - 136.4 - 2-5% py  
174.9 - 212.9 - MDST SLST  
212.9 - 215.4 - SST  
215.4 - 235.4 - ~~MDST~~, SLST, SST  
235.4 - 246.1 - SST  
246.1 - 258.0 - SLST, SST  
258.0 - 264.3 - SST

### FW-13

- 0 - 18.2 ob  
18.2 - 51.8 SLST, MDST.  
51.8 - 65.9 - SST  
65.8 - 75.2 - SLST, MDST.

### FW-14

- 0 - 27.4 - ob  
27.4 - 36.6 - SLST  
36.6 - 51 MDST  
51 - 60.2 SST 55-57 1-2% py.  
58 - 60.2 - 2-5% py.  
60.2 - 63.0 SLST 2-4% py.  
63 - 68.8 SST  
68.8 - 76.0 SLST

FW-14

76.0 - 80.8 - SST

80.8 - 114.9 - SLST

114.9 - 118.9 SST

118.9 - 158.4 MDST, SLST

158.4 - 164.5 SST

164.5 - 179.7 MDST - SLST

179.7 - 183.3 SST

183.3 - 221.3 SLST

FW - 19

0 - 49.0 - Ob

40.2 - 56.25 SST, MDST, SLST.

56.25 - 64.2 - SLST 3-4% py.

64.2 - 67.4 - MS, QTZ VEIN po, py

67.4 - 69.25 SLST 7% po

69.25 - 72.1 - SST 40% po,

72.1 - 73.6 SLST 20-30% po

73.6 - 75.2 - MS 80% po, 10% py

75.2 - 90.4 SST / SLST 75.2 - 80 - 25-30% po

80 - 86.9 - 15% po v's

86.9 - 87.5 - 30% po - bx

87.5 - 90.4 5% py, po v's

94.7 - 95.4 - 5-10% po v's

95.4 - 96.5 - 85% po, 5% py, tr. cp

96.5 - 97.4 - 40% po

97.4 - 103.9 SLST / SST

103.2 - 103.9 - Mass po

60% po

103.9 - 108.5 QTZ BX

108.5 - 114.8 SLST

FW-20

0-18.4 ob

18.4-46.7 - SST

46.7-49.6 - FAULT

49.6-59.8 SLST

59.8-60.8 SST

60.8-97.3 SLST

97.3-134.41 SST / SLST

FW-21

0-51.4 ob

51.4-87.5 SLST

51.4-55.4 - 15% po, 10% sph.

60.1-61.1 - 10% po.

70.8-71.3 - 15% po.

81.2-81.6 - 15% py.

84.0-85.9 - 5-10% po

85.9-87.9 - 3-5% py, po

87.5-88.5 - FP dike

88.5-100.9 SLST

100.9-106.7 MDST, SLST

106.7-111.1 SLST 110.1-111.1 - 5% py v's.

111.1-114.9 SMS QTZ VEN 30% py, po

114.9-116.9 SLST 5-10% py.

FW-66

0-40.7 ob

40.7-55.6 MDST, SLST, SST

55.6-62.6 SST 27% py, 2% sph.

62.6-77.6 MDST

77.6-87.4 MDST, MSBX veins po, py, sph, op.

87.4-98.7 QTZ LATITE DIKE, BX po, py v's.

FW-66 cont'd.

98.7 - 101.4 - MDST, SLST, SST 10% po, 5% py.  
 101.4 - 103.5 MS, BX VEIN 90% po.  
 103.5 - 126.8 - MDST, SLST, SST 5% py, po in veins.  
 126.8 - 131.8 MDST 2% py, po  
 131.8 - 166.7 MDST, SLST, SST

FW-67

0 - 50.3 ob  
 50.3 - 70.5 MDST, SLST, SST  
 70.5 - 83.5 SST 2% po, py, cp, sph as veins + dios.  
 83.5 - 93.6 MDST, SLST, SST 2% py, 2% po.  
 93.6 - 103.5 SST tr - 1% py, po str.  
 103.5 - 133.8 MDST, SLST, SST  
 133.8 - 140.5 - SST  
 140.5 - 153.5 - MDST, SLST, SST  
 153.5 - 155.3 SST  
 155.3 - 177.3 MDST, SLST, SST.

FW-68

0 - 43.9 ob  
 43.9 - 108.5 MDST, SLST, SST  
 108.5 - 126.5 MDST, SLST, SST, BX 5-10% py, po str + dios.  
 126.5 - 140.2 MDST, SLST  
 140.2 - 157.6 MDST, SLST, SST 154.8 - 157.1 - py, po u's.

FW-69

0 - 42.7 ob  
 42.7 - 49.6 SST, SLST  
 49.6 - 72.0 MDST, SLST, SST  
 72.0 - 90.5 SST, SLST 87.5 - 89.0 - 3% py.

FW-69

90.5 - 118.0 MDST, SLST, SST  
 118.0 - 125.0 SST, MS BX VEINS 15% py.  
 125.0 - 128.0 MDST / SLST  
 128.0 - 129.5 FP LATITE DIKE 5-10% py.  
 129.5 - 152.2 MDST / SLST / SST  
 152.2 - 156.4 SST tr - 2% py.  
 156.4 - 196.9 MDST / SLST

FW-70

0 - 48.8 ob  
 48.8 - 58.5 SST  
 58.5 - 70.2 MDST, SLST  
 70.2 - 73.3 SST 1% py.  
 73.3 - 88.0 MDST, SLST  
 88.0 - 103.0 MDST, SLST, SST  
 103.0 - 107.2 SST tr py-sph v's.  
 107.2 - 116.0 MDST, SLST, SST  
 116.0 - 127.0 MDST, SLST, SST 2% py.  
 127.0 - 140.0 QTZ LATITE DIKE  
     MS VEINS 20% po, py, tr. cp, gr. /  
 140. - 179 MDST, SLST, SST 152 - 156 - 2-4% py, po  
 161 - 162 - 20% py, po  
 179 - 184 MDST, SLST, MS VEINS 8% po, 2% py, tr. cp.  
 184 - 202.7 MDST, SLST

127 - 128 - 65% po, 20% py + po  
 130 - 132 - 50% po, 10% py.

FW-71

0 - 57 ob  
 57 - 74.3 MDST, SLST, SST  
 74.3 - 77.3 MS VEIN, BX 15% py, 10% po.  
 77.3 - 79.6 - MDST, SLST, SST 2% po, py, sph stringers.

FW-71 cont'd.

79.6 - 83.8	LATITE DIKE	1% sph, 1% py.
83.8 - 85.5	MDST BX	2-4% py.
85.5 - 88.5	LATITE DIKE	1-2% sph, 1% py, tr-1% gn.
88.5 - 100.6	MDST, SLST, SST	96.3 - 97.4 2-5% py.
100.6 - 103.1	SST	1-2% py.
103.1 - 104.5	MDST, SLST, SST	
104.5 - 105.9	QTZ LATITE DIKE	
105.9 - 137.5	MDST, SLST, SST	
137.5 - 142.3	MS-QTZ BX	25% po, 25% py.
142.3 - 159.0	MDST, SLST, SST	142.3-146.5 2-5% py, po.
159.0 - 161.3	MDST, SLST	
161.3 - 163.3	QTZ LATITE DIKE	
163.3 - 169.8	MDST, SLST, SST	

FW-72

0 - 50.9	ob	
50.9 - 54.5	SST	
54.5 - 70.5	MDST, SLST, SST	
70.5 - 72.3	MDST	
72.3 - 73.3	QTZ LAT DIKE, MS BX	15% po, 10% py, tr cp
73.3 - 77.3	MDST	3% po, 2% py.
77.3 - 111.0	MDST, SLST	
111.0 - 113.4	SST	1% py, po, tr cp
113.4 - 122.0	MDST, SLST, SST	
122 - 124	SST	1% py, po
124 - 130	MDST, SLST, SST	
	MS QTZ BX	10-15% po, 10-15% py.
130 - 132.2	SST	5-10% py.
132.2 - 141.0	MDST / SLST	
141.0 - 163.7	MDST / SLST, SSE	

FW-73

- 0 - 41.8 ob  
 41.8 - 44. MDST  
 44 - 47.2 SST 1% py.  
 47.2 - 52.3 MDST, SLST  
 52.3 - 56.3 SST 1-2% py.  
 56.3 - 70.5 MDST, SLST, SST  
 70.5 - 73.0 SST 1% py.  
 73 - 91.2 MDST, SLST, SST  
 91.2 - 96.2 MDST MS BX 15% py, 15% po. tr. op.  
 96.2 - 99.5 MDST, SLST SST 1% py, po  
 99.5 - 102.1 MDST, SLST MS VEINS 15-20% py, po, 1% cp.  
 102.1 - 122.0 MDST, SLST, SST 109.0 - 116.5 - 10% py, 5% po, tr. op.  
~~109.0 - 116.5 MDST, SLST~~ 116.5 - 117.5 - 20% py, 20-30% po.  
 117.5 - 122.0 - 5-10% po, 1-2% py.  
 122.0 - 124.1 MS BX, VEIN 85% po  
 124.1 - 131.1 SST 5-10% py, po.  
 131.1 - 151.3 MDST, SLST, SST  
 151.3 - 159.5 - SST 2-5% py.  
 159.5 - 169.8 MDST, SLST

FW-74

- 0 - 47.9 ob  
 47.9 - 76.5 MDST, SLST, SST  
 76.5 - 80.7 SST  
 80.7 - 91.4 MDST, SLST, SST

## Jan Zone

### FW-64

- 0 - 14 ob  
14 - 32 Lap tuff  
32 - 42.8 Graph lap tuff  
42.8 - 62.5 Lap tuff  
62.5 - 70.4 Sil Lap <sup>tuff</sup>  
70.4 - 75.6 - FP<sup>n</sup> DIKE  
75.6 - 84.2 FP - Biot Dike  
84.5 - 95.0 MDST  
95.0 - 132.8 - GREY WACKE

### FW-63

- 0 - 14 ob  
14 - 31.5 Lap tuff  
31.5 - 32.9 FP dike  
32.9 - 49.1 Lap tuff  
49.1 - 62.1 Altered lap tuff 2-5? py.  
62.1 - 66.3 FP dike  
66.3 - 69.3 Altered lap tuff 2-5? py.  
69.3 - 71.3 FP Latite dike  
71.3 - 71.7 Graph Lap tuff  
71.7 - 79.5 FP - biot dike  
79.5 - 83.6 FP Latite dike  
83.6 - 162.6 Greywacke

### FW-65

- 0 - 31.6 ob  
31.6 - 42.8 - MDST  
42.8 - 50.4 - Greywacke  
50.4 - 65.6 - MDST  
65.6 - 161.6 - FP - Augite dike } 161.6 - 175.4 FP dike ?

## Summary Logs - Fireweed.

1600 Zone.

### Hole FW-61

0 - 7 - ob

7 - 166 - MDST, SLST, SST

51.6 - 53.6 - 2-15% py.

dip tests 76.2 - 63°

66 - 87.2 - SST 2-10% py.

175.9 - 59°

87.2 - 112.0 - MDST, SLST, SST

112.0 - 114.6 - SST 2-5% py, tr. sph.

114.6 - 130.5 - MDST, SLST, SST

130.5 - 137.5 - SST 2-5% py, tr. sph.

137.5 - 159.7 - MDST, SLST, SST

159.7 - 164.7 - SST tr. 1% py.

164.7 - 175.4 - MDST, SLST, SST.

### FW-60

0 - 9.2 - ob

9.2 - 32.0 - MDST, SLST, SST

32.0 - 42.3 - MDST

42.3 - 48.0 - SST

44.8 - 48.0 - 1-2% py.

48.0 - 82.6 - MDST, SLST, SST

82.6 - 83.3 - MS Bx<sup>Qtz</sup> Vein 75% py, 10% sph, 7% gn.

83.3 - 93.3 - MDST, SLST, SST

93.3 - 99.3 SST 3-5% py.

99.3 - 105.0 MDST

105.0 - 109.6 SST 1% py.

109.6 - 124.0 MDST, SLST, SST 1'

119.5 - 120.5 - 10-15% py, 2% sph.

124.0 - 146.0 - MDST

146 - 154.7 - MDST / SLST / SST 3-5% py.

154.7 - 156.7 - MS Bx, Qtz Vein 85% py, 10% sph.

FW-60 cont'd.

156.7 - 164.8 MDST, SLST, SST  
 164.8 - 170.8 QTZ LATITE DIKE.  
 170.8 - 199.4 MDST, SLST, SST

tests. 65.5 - 45°  
 200.0. - 45°

FW-62.

0 - 15.2 ob  
 15.2 - 35.6 MDST, SLST, SST  
 35.6 - 43.6 SST 2-5% py.  
 43.6 - 67.1 MDST, SLST, SST  
 59.4 - 60.6 - 2-8% py.  
 67.1 - 70.1 - SST 2-5% py.

tests 99.1 - 46°  
 198.1 - 45°

70.1 - 74.5 - MDST, SLST, SST  
 74.5 - 77.5 - SST 2-5% py, tr.sph.  
 77.5 - 106.5 - MDST, SLST, SST  
 106.5 - 110.1 - SST  
 110.1 - 123.5 - MDST, SLST, SST  
 123.5 - 128.5 - SST 2-5% py, tr.=1% sph, trgn.  
 127.9 - 128.4 - MS Bx - 70% py, 10% sph, 5% gn.

128.5 - 140.0 - MDST, SLST, SST  
 140.0 - 149.0 - SST 2-5% py, tr.sph.  
 149.0 - 160.7 MDST, SLST, SST  
 160.7 - 171 - QTZ LATITE DIKE. 2-4% py, 2-4% sph.  
 160.7 - 160.9 - 40% po, 20% sph  
 161.7 - 162.0 - 40% po, 40% py, 20% sph.  
 162.3 - 162.7 - 60% py, 30% sph.

171.0 - 172.9 - MDST SLST SST

172.9 - 174.9 - SST

174.9 - 180.8 - MDST, SLST, SST

180.8 - 185.8 - SST

185.8 - 197.6 - MDST, SLST, SST.

185.8 - 187.8 - 15% py.