Microfilmed

7413.99

Page 1 of 2

gamma log indicates mineralization at 208' ± at 221'

USAEC

Hole No. LU-21

Collar Elev 7413

Total Depth 240.0

Date:

Beg _____ Fin. 10-2-50

Location:

Claim

Dist. LUKACHUKAI DISTRICT, ARIZONA

Coord's 99436 N 101292 E

Logged by J.R.L.

Recovery 26 %

Foster

Recovery

0 10

10

20

30

Overburden - No Core.

40

50

50'

60'

Rn, VF-silt stone, Mdy R, Mi Rn Cgl-s I-Fm, Calc, Tr, CN.

55.0

60

No Core.

64.5

70

5%

74.5

Rn, F-M, wh, Mdy W, Mi Rn T, Calc, Tr, CN.

76.5

VF-F, Rn, Mdy W, Mi Tr Rn T, Calc, Tr, CN.

78.5

80

18%

VF-F, Mdy W, wh, Mi to wh T, Calc, Tr, CN.

80.5

Siltstone, Rn, Mi & Rn T, VR Rn Fm, pl-qz + FK, Galls, Mdy F, Calc, Tr, CN.

86.5

90

42%

F, VR, Mdy W, Mi R, Calc, Tr, Mi-qz, CN.

98.5

50%

100

99.5 Same as above w/ M-R Rn Fm.

Rn, F, VR, Mdy W, Mi R, Calc, Tr, CN.

10

104.5 a.r. R Rn M. Mdy

43%

110

109.0

109.5 Same as above w/ M-R Rn Galls + Fm.

Rn, VF-F, Mdy W, Mi R, Calc, Tr, CN.

112.0

38%

112.5 Mi, w/ Rn Sand R, Silt R, CN.

113.5 Ywsh, VF-F, Mdy W, Mi R, Wh-R Lt, CN.

114.5 Gy, Siltstone-F, Mdy G, Mi R Gy Fm-F, Calc, Tr, CC.

45%

120

VF-F, LRn, Mdy W, Mi R, Calc, Tr, CTr.

122.0

122.5 VF-F, Gywh, Mdy W, Mi R, Calc, Gy, C Tr.

124.0 Mi, Gy, Silt R, Mdy G, Calc, Gy, CN.

Gywsh, Mdy F, VF-F, Mi R, Calc, Gy, Few Mi clasts - ¼" bands, CS.

128.0 a.r. Gy Mi, Silt R, CN.

130

129.0 Ywsh, Mdy F, Mi R Gy Galls, Calc, Gy, C Tr.

39%

M. Siltstone, Mdy F, Mi R, wh, Calc, F, CN.

136.0

140

21%

Mi, Rn, wh M-R, Calc, Gy, CN.

150

2%

154.0 Mi, Gy, Sand R, CN.

154.5 Mi, Silt R, Rn, CN.

156.0

30%

157.0 Mi, Gy, Silt R, Calc, Gy, CN.

160

160.0 Mi, Rn, Silt R, Mi Gy to Wh Bands Calc, R.

161.5

58%

Mi, VF Rn, Sil R, Gy, CN.

2

163.0 Mi, Rn, Silt R, Mi Gy to Wh Bands Calc, R.

164.5

Mi, Rn, Silt M-Tr, CN, Calc, Gy, CN.

170

169.0 Mi, Gy, Calc, Gy, Silt M, CN.

169.5 VF-F, Wh, Mi R, Rn Mdy I-Fm, Calc, F, CN.

170.0 VF-F, Gy,

36%

170.5 F, Mdy W, Mi to wh T, Calc, Gy, CN.

172.0

Mdy F, Mdy F, Mi R, Calc, Swh, Sand Gy Rn, CN.

180

180.0

87%

Gn, F, Mdy W, Mi R, Calc, Swh, Sand Gy, Rn, CN.

184.5

3

Mi, Gy, Silt, Calc, Gy, CN.

187.0

188.0 Siltstone, Sandy, Mi Gy to wh T, Calc, Gy, CN.

190

F, Mdy W, Mi to Wh T, Silt, Sand Gy Rn, Calc, R, CN.

192.0

70%

1

F, Mdy W, Mi R to Wh T, Calc, Gy, CN.

194.0 a.r. Mi R to Wh T, Calc, Gy, CN.

F, R, Mdy, Mi R, Mdy G, Calc, Gy, CN.

200

199.0 Same as above w/ R Calc.

200.0 a.r. Mdy W, Mi R to Wh T, Calc, Gy, CN.

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LU 21