

7202

27 August 1972
u.g.

0 - 26(?) OIB TRICONED

26 - 36 BK GRAPH. BIO PHYLLITE

-crenulation foliations
= 1.3' core

36 - 46 - 0.5' CORE

ONLY QZ - CARB VIEW CORED

JAROSITE STAIN ALONG OPEN
FRACTURE.

LOWER CONTACT W/ ^{GRAPH}BIO PHYLL
BRECCIATED

46 - 56 1.3' OF RUBBY CORE

BK GRAP. BIO PHYLLITE

56 - 66 0.1' CORE

1 QZ CO₃ FRAG. W/
BIO PHYLL BRECCIA FRAGS
SiO₂ CO₃ = FRACTURE FILL

66 - 76 - NO RECOVERY

CUTTINGS - SLUDGE COLLECTED

76 - 90 3.5' OF BROKEN CORE

Pk GRAPHIC BIOTITE PHYLLITE

90 - 95½ 2.5' OF CORE RECOVERY

BK GRAP. BIO PHYLLITE

018269

95½ - 98 2.5' OF CORE
BK GRAPH BIG PHYLLITE

98 - 102 1.5' OF CORE
BK GRAP. BIG PHYLLITE

102 - 104 2.2' OF CORE
BK GRAPH BIG PHYLLITE

104 - 106 0.3' OF CORE
MED GT
GRAPH BIG PHYLLITE
ONE FRAG

X-7203 - Not Mag
(as 7202)

0-20 OB

20-23 0.6' core Graph Bio Phylite

S_2 - 30° from horiz
No Sulf.

23-26 Qtz - CO_2 vein (CO_2 -Ankerite?)

Upper contact brecciated. No Sulf.

26 - $31\frac{1}{2}$ ~ 1.3' core

Upper $\frac{1}{2}$ of Core Qtz CO_2 vein

Lower

BANDED GRAPH Bio Phyllite, SiO_2-CO_2
bands || to fol (S_2) = -50°

Bands Avg ~ $\frac{1}{8}$ ".

$31\frac{1}{2}$ - 36 - 2.8' core
Banded Gr. Bio Phyll w/ SiO_2-CO_2

bands to ~ 3-5', S_2 ~ -90° @ 32'

33 - 36 SiO_2-CO_2 zone

w/ Boxworks. Zone Brecciated.

36 - 42 Graph Bio Phyllite

36 - 40 ~ 3.2' core

S_2 - 70° @ ~ 38'

40 - 42 w/1' core

S_2 - 35° @ 40

S_1 - 90° @ 40

X 72-04 - Non magnetic

0 - 73 ^{NO} core 97 01B

Diorite Boulders to ~6" +
sand & gravel

97 - 101

3.1' core

Banded ^{Black} Gr. Bio Phyll & Gyl qtz sand ¹⁰³

S₁(?)

Comp Bands - 70° GRP - ~ 1/16"

Non mag, No sulfides noted
Gyl P - ~ 1/8"

101 - 121 Banded Gr Bio Phyll & Gyl SiO₂ - (103) Bands

@ 103 (S₁ (comp bands) - 50
S₂ - 15

@ 106 3" Bx zone

@ 110 S₁ Band from -60 to -90

S₂ zones - on S₁ planes - 5° Graphitic

110 - 121 S₁ Var to -90°

where distorted due to S₂ (F₂)

Graph along S₂

S₂ ~ -5° (variable)

~~110~~

X 7205 - New Mag.

05 X7202, X72031

0-176 Overboarders

176-195 Black Graph Phyllite
soft.

Minor zones of CaCO_3 along

Some parting (S_2 ?)

@185 S_2 - 25°

S_2 v Same through core

@186½ py in 3/4" Ca_3 Band!

#

X 7206 as X7204

0-99 0 B

99-120 ^{-19.4' core} Gyr Banded

Seric bio(?) chl phyllite & gztic
bands Seric bands $\approx 1/32''$
Qtzic variable Avg $1/8$

More sandy near bottom

Non magnetic

Tr $\approx 0.1-0.2\%$ py

S₁ 7
6

S₂ -20° @ 105

S₂ -25° @ 110

S₂ -27° @ 120

X 7207

0 - 144 0.13

144-164 ~ 19.5 CORE
More phyllitic top 2' core. Rest uniform
Gray Banded Ser Chl Bio(?)
Phyllite & sandy SiO₂-CO₂ zones

Phyllite partings ~ avg 1/16"

Sandy zones Avg 1/8"

Non mag. No Sulfides Noted

S₂

@ 148 - 10

@ 154 - 10°

H

X 7208

Gr Ser Chl Bnd(?) phyllite

0 - ? 03

- 113 Ser Chl Phyll

Soft Pinky Brecciated

113-

Bottom

Ser Chl Phyll. not very silic.
Breaks into wafers.

Static ^{sand} zone @ ~ 122 - 123 1/2

S₂(?) Mica Bands

@ 115' - 30°

@ 119' - 10-15°

@ ~ 128' - 20°

~~No sulfides noted
non magnetic~~
except

X/s Py pc w 3/4 SiO₂ (G₂ Sem @ 126

X/s Py @ 122, 130

113 - 121 6.2' core

121 - Bottom 9.4' core

X 7209 (?) Bars not numbered

0-139 0/13

139-159 Ser Chl Phyllite

Tr Spys^{xl's} in SiO_2 - CO_3 bands

139-144 - 4.7' core

144-149 - 4.2' "

149-149.6 SiO_2 CO_3 zone
no phyllite.

149-159 9.9' core

S₂

140 - 10°-150

146 - 10°

154 - 10°

159 - 10°

Now Magnetic

X 7210

0-38 0/B

38-58 Seric Chl Phylite

tr^x/py w/ SiO₂ & CO₂ bands

Variable amts of SiO₂

38-50 10.5' Core

50-59 8.2' "

S₂ @ 39' - 20°

50' - 20°

58' - 20°

Non Magnetic

X 7211

0-22 0/B
2-

22-30.5 Ser chl ^{Pr. (2)} Phyll.

22-28 6.4' core

28-30.5 2.5' "

30.5-42 chl Ser phyllite
11.5' core

Rock Banded w/ variable amounts of
SiO₂ CO₂ bands

@ 23 1/2 S₂ - 15°
S₁ N - 40°

@ 28' S₂ - 15°

@ 32' S₁ - 45°
S₂ - 20°

@ 42 S₂ - 20

Tr Cpy p@ @ 139'

Sulf << .01%

#

X 72 12

0-46 0/B

46-59 Contin coring 12.6' core

Gray Ser Chl Phyllite
Siliceous

Variable minor SiO₂ rich zones.

59-66 Chl Ser Phyllite to chly. ^{Phyll.}
Broken short pieces of core
~ 7.7' core

S₂ @ 48 - 35°

@ 58 - 20

Feath Fractures

- 20

⊥ to ~~core~~ S₂

@ 65 - 10°

No Sulph., Noted

Non magnetic.

~~≡~~

X 7213

0 - 58 01B

58 - Bottom 18' core

58-59 Sericite, white

59 - Bottom Gray
Bio seric Phyllite

67 - Bottom core broken

disrupted @ 72-73

Fault - can see rotation of S_2

Tr pg in Ota bands that
parallel Bio seric zones.

Non Magnetic

S_2

@ 61' = 35' - above
74' = 45' - fault.
Bottom = 50'

IT

X 7214. 18.9' CORE

0-42 07B

42-62 Gy Ser chl Phyllite

44-55 30-40% Qtzite in w/
Phyllite Bands. Qtzite ave
1-2". Phyll bands 1/8-1/4"

@ 42 $S_2 - 5^\circ$

45 $S_2 - 20^\circ$

53 $S_2 - 15^\circ$

62 $S_2 - 15^\circ$

Po in 1/4" Fract n 3% po w/SiO₂
com

X 7215

0 - 100 OB.

100 - 112 GRAPH Bio PHYLITE

Highly graphitic.

Randomly scattered

50% Qtz - CO₃ 50% Py veinlets to

3/4"

105 - 106 50% Qtz - 50% Gr BioPhyl

110 - 112 " " " "

Newmag. Aug L. 32 Sulf.
H

S₂

101 - 45°

104 - 25°

110 - 10°

H

X 72 16

0 - 155 0/B

155-195 Ser Chl Phyllite
Qtzitic

Light gray to 165 w/ Qtz
ZONES ~ 75% of rock in
1/8 - 1/4" Bands
Phyll 1/32 - 1/16" bands

Tr po

Qtzite 167 1/2 - 168 1/2
169 1/2 - 170

S₂ @ 158' - 35

165 - 40° to -60°

172 - 20°

175 - 30°

X72 17

0 - 118 OB

118 - 138 Ser chl Phyll
to Ser chl Qte "

S₂ Var from -0° to -30

to py along Fract

LL .01% Sulf (py)

132 - 133 Qte.

0-65 72-18

65-85

~~MISSING~~

CALORITIC GREENSTONE

BANDED GREEN & WHITE

TUFF. - AS IS COMMON @

AMDH.

CONTACT w/ GREENSTONES

SI(2)

@ 64' - 20°

@ 83' - 20°

X 72 21 N 16' core

0-31 OB

31-51 Ser Chl ^{to} Bio Phys

try pay to 0.1% an
S₂ surf.

S₂

@ 22' - 22°

43

18

50°

20

Non Magnetic

#

X 72 20

0 - 72 OB

72 - 92 Amph. Gustave

X 72 - 21 ?

Gig Sev Chl Phyll

X 72 19 Chl Gustave

S₂ show u - 0

0 - 52 OB

52 - 72 Rock

X 72 22

0 - 19 OB

19 - 39 Amph.

X7223
SUN CLAIMS

0 - N6 OVERBURDEN

N6 - N 117 GRAPH. BIG SER

PHYLLITE BANDED W LIGHT GY
TO WHITE Calc ~~ST~~ ZONES W
POSSIBLES, (?) MED GY

25-35% CO₃ Bands

TKY TR py. w/ CO₃ & less w/
graph. Same for whole core

@ 38	S ₁ - 40	S ₂ - 15°
67	S ₁ - 80	S ₂ - 10°
@ 90'	S ₁ - 20°	S ₂ - 30°
116	S ₁ - 60°	S ₂ - 45°

117 - N 252 HIGHLY GRAPH

DRY TO BLACK BIG SER

PHYLLITE

N 10% CO₃ Bands

133 S₂(?) - 45°

144 S₂ - 42°

157 S₁ - 70 to 90° S₂ - 20°

173 S₂ - 35°

207 S₁ var - 40' S₂ - 20°

251 S₁ - 50° S₂ - 20°

252 - ~300 (Bottom)

GRAPH BIO PHYLL
SERIE.

MED GY, less FEWER

GRAPH ZONES TOWARDS
BOTTOM. (i. DECREASING)

LIGHT CO₂ - SER BANDS &
~ 50% of core.

Tr pg. (only cult. noted)

266

S₂ - 20

280

S₂ - 20

300

S₂ - 300

X 7223

RECOVERY

TOP - 31 $\frac{1}{2}$	3.8
37	5.5
38	0.6
43 $\frac{1}{2}$	5.1 ✓
48	5.4 ✓
53 $\frac{1}{2}$	5.3 ✓
57 $\frac{1}{2}$	3.0
62$\frac{1}{2}$	5.1
67 $\frac{1}{2}$	5.0
72 $\frac{1}{2}$	5.2
77 $\frac{1}{2}$	5.3
83	5.4
87	4.4
92	5.3
97	5.3
102	5.0
107	5.4
110 $\frac{1}{2}$	10.6
(118)	
127	10.0

y 7223

RECOVERY

132 $\frac{1}{2}$ 5.0137 $\frac{1}{2}$ 5.4142 $\frac{1}{2}$ 5.3

146 ? 4.3

151 5.0

156 5.0

161 5.4

165 4.6

~~170~~

173 8.4

178 4.8

183 5.6

187 $\frac{1}{2}$ 4.7

193 5.7

197 5.8

205 $\frac{1}{2}$ 9.4

207 - 1.7

207 210 - 3.5

X 7223

RECOVERY

215 5.2

216 1

217 0.9

227 11.5

231 4.3

232 $\frac{1}{2}$ 1.6236 $\frac{1}{2}$ 4.0238 $\frac{1}{2}$ 2.3

241 2.2

242 $\frac{1}{2}$ 1.6247 $\frac{1}{2}$ 1.4

252 4.1

257 3.3

262 5.0

266 $\frac{1}{2}$ 4.5271 $\frac{1}{2}$ 3.5

276 4.4

278 1.0

280 1.9

x 7 2 2 3

284½

4.4

284½ 290? NO CORE } ?

288

4.6

291

2.8

293

1.7

298

5.4

~ 303

4.9

±

$$\frac{281.2}{\sim 297} \times 100 = 94.7\%$$

X 7223

#1 GRAPH BIO PHYLL 2% CO₃ TR-1%
 268' 286.2 = 2.70
 106

#2 GRAPH BIO PHYLLITE ~~1~~ 20% CO₃
 S₁ BANDS
 212' 329.6 = 2.70
 122

#3 GRAPH BIO PHYLL W/LARGE CO₃ ZONES
 20-25% CO₃
 220' 303.9 = 2.69
 113

#4 GRAPH BIO PHYLL 5-10% CO₃ S₁(?)
 BANDS
 138' 292.7 = 2.685
 109

#5
 88' 274.0 = 2.74
 100

BANDED GRAPH BIO PHYLL W/10%
 CO₃ BANDS, TR. PY.

X 7 2 2 3

6

$$\begin{array}{r} 2471 \\ \hline 89 \end{array} = 2.73$$

GRAPH BIO PHYLL, TR, CO₃
MAINLY ON FRACT. SOME S₁(?) S₂

7

$$\begin{array}{r} 1791 \\ \hline 88 \end{array} = 2.69$$

GRAPH BIO PHYLL. 1-2% CO₃ IN
FRACT.,
TR, PT,

8

$$\begin{array}{r} 391 \\ \hline 84 \end{array} = 2.74$$

GRAPH BIO PHYLL W/ CO₃ S₁
BANDS 5-10% OF SAMPLE

9

$$\begin{array}{r} 301 \\ \hline 65 \end{array} = 2.74$$

MOD GRAPH BIO SER^{CO₃} PHYLLITE

PRESENT COAL FACE AT N 600'

N OF RSE 19.

STRIKE ~ N10W

$$\frac{377.1}{300} = 96\%$$