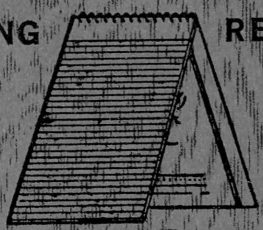


Coil
ROTARY
Stenographers'
NOTE BOOK

899C

FLAT FOR
WRITING

ERECT FOR
READING



1971 OB Drill
Logs by: GOND

STENOGRAPHER
cf typed sheets.

FROM

TO

018268

19

71-192

40-50

OVER BURDEN

Mixture of Granite, black chert, Qtz, chl ser

Phy. pebbles and sand, silt size material.

Non magnetic & non Graphitic.

CO₂ content: NIL

50-60

71-204

0-10 - OVER BURDEN.

Mixture of Granite, chl ser Phy, Qtz,

Qtz ser Schist, Jasper fragments, Sand.

and silt. Chert & Diabase fragments are

seen occasionally.

10-20 "

20-30 "

30-40 "

40-50 " "

71-203

0-10 }
10-20 }

o. b.

Mixture of Gva, Plz, white $CaCO_3$, chert
fragments. Sand & silt material.

20-30 - Quartz Bio. ser. Schist.

Light Brown tabular fragments
of Schist. No Mineralization observed.

Non Magnetic & Non Graphitic.

CO_2 content nil.

30-40 }
40-45 }

”

71-206

0-10 Graphitic Schist:

Black thin tabular fragments of
Graphitic Schist. Free Quartz - 4%.

Very little Py is present.

Not magnetic.

Co₂: NIL

Graphite: 65%

10-20 "

20-30 "

30-40 "

40-50 "

71-202

0-10

calcareous calc silic. bio. Schist:

Green tabular thin fragments of
calc silicate schist. calcite occurs as
veinlets and as disseminated throughout
the Schist.

10-20

Same as above.

71-193A

50 #/60
10

O.B.

Mixture of Greenish, Phy, Jasper, Graph.
Schist, sand & silt size material.

71-172

0-10

O.B.

Mixture of Jasper, Gr. Schist, Limestone,
al ser Phy and sand, silt size material.

71-205A

0-10 - ~~10~~ O.B. Mixture of Gr, Qtz, chert,
Phy, sand & silt size material.

10-20 - "

20-30 - "

30-80 - "

"

80-90 - O.B. Mixture of Gr, Qtz, chert, Phy
pebbles & cobbles. Sand, silt size material.

DDH-209

Nov 16, 1971.

0-24 O.B.

31	-6	-4	-1.5	-8.2
39.5	-8.5	128	211.5	378.5
44	-4.5	134	-24	31
53	-9	136	-10.5	2.5
58	-5	138	-9	6.5
63	-5	143	-6	1.5
68	-5	148	-5	1
73	-5	152	-6	17.5
77	-4	157	-0.7	9.6
82	-4.5	170	-3	4.0
88.5	-6.5	174	-7.5	8.8
94.5	-6	176	-1.5	14.5
97	-2	177	-10	12.5
104	-7	179.5	-9	8
107	-7	182.5	-8	15
110	-7	186	-9	13.7
108	-4.5	191	-5.7	6
114	-6	193.5	-10	16.5
119	-5	199.5	-10	9
124	-2.5	209.5	-9.8	15
			-9.7	580
				19.5
				600

71-
DD4-209

Mar 16, 1971.

24-38.5 - Diorite:

Medium grained green diorite consists of a very minor Py. Plagioclase & feldspar occasionally occurs as coarse laths.

38.5 - 78 - Garnetiferous Biotite Sericite

Schist; contact is not apparent due to broken core. The Diorite tends to be fine grained in the contact and suggests intrusive in character.

43.5 - fo: 72°

Light brown Schists consists of Garnets as Porphyroblasts. Coarse Sericite occurs

through out. Very minor Chlorite.

58.2-58.5 - ~~OT3~~ band. 76.5-3 1/2 ft along fracture.

78-157 DIORITE.

The contact is not ~~clear~~ clear due to broken core. Far further half a foot down, the diorite is fine grained ~~and the grain size is~~ ~~actually~~ The ~~texture~~ texture & color is same as in the interval 24-38.5.

At the interval 152-157, the diorite is very fine grained and becomes acidic in compo and ~~appears~~ appears as Phylolite. Finely disseminated Py amounts to less than 1% in this increment.

157 - ²²⁶~~157.5~~ : Garnetiferous Biotite Sericite Schist: Light Brown Schist with porphyroblasts of Garnet.

157 - Fo: 49°

158-160 - Graphitic Schist.

160.5 - ~~160.5~~ Fault + Breccia + Gouge.

Cont. dips 23°.

171.5 - Fo: 29°.

176-182.5 - FAULT ZONE.

183.5-186 - "

186.5 - Fo: 58°

195.5-196 - Fault Zone.

206.5 - Fo: 80°

226 - 236.5 - SERICITE SCHIST.

226 - fo: 65°.

White to light Green Sericite Schist,
coarsely foliated.

Coarsely disseminated Py and Po

occurs to an amount of ~~2~~ 2-5%.

Py occurs to an amount of 2% through-
out the Schist and in fractured zones
may exceed 5% over a few inches
wide core.

236.5 - 253 - quartz Biotite Sericite
Schist:

Light brown ~~is~~ Schist consists of
occasional Garnet porphyroblasts.

238 - fo: 45°.

253 - 317.5 - calcite calc silicate ^{Biotite Schist} ~~is~~

- calcite calc silicate Garnet epidote Skarn

massive to slightly foliated, light green
in color calc schist with skarny bands.

occasional marble and atz carbonate
bands occur.

Q53 - 259.5 - Highly skarny and
minor sphalerite occurs throughout.

259-317.5 — Highly calcareous
and some minor Skarn Zones
persist. calc sil. Bio Schist bands
~~persist~~ occur as well ~~and~~ ranging
in width from 2" — 4".

265.5 — fo: 85°

297.5 — fo: 81°

in the calcarenite minor Py and Po
occur as disseminated.

314.5 — Minor Po, Pt & Galy occur as
disseminated in calcareous calc sil.
band.

317.5 — 600 Qtz Bio Ser Schist°

light brown Qtz Bio Ser Schist. Qtz
occurs as disseminated and as
bands ~~the~~ ranging in width from a
fraction of an inch to 6". Coarse sand
size Garnet occur in some intervals.

319 — fo: 81°

320.5 — crenulations.

338 — 340 — slightly limy, dens. calcite.

360 - 362.5 Garnetiferous Qtz Bio
Ser. Schist.

367 - fo: 84°

390 - fo: 81°

406 - 407 - fault zone.

423 - 426 - fault zone

426 - 427 - Qtz Andalusite vein.

432 - fo: 47°

435 - fo: 67°

450 - fo: 77°

484.5 - 486.8 - Qtz Sericite Schist.

light grey Qtz Sericite Schist. Gradational
contact on either sides.

This interval occasionally consists

of 12% py.

489.5 - fo: 85°

500 - 500.2 - Quartz Andalusite vein.

501.5 - 505.5 - Highly Garnetiferous (20%)

503 - minor py.

508 - 508.5 - Qtz vein.

545 - fo: 83°

585.7 - 586 - Qtz vein.

595.5 - 600 - Andalusite Biotite Muscovite
Schist.

600 - End of DDT.

DDA - 210. NOV 22, 1971.

0-18 - O.B.

188⁻²

18-15 - Tricone

~~188~~

192^{-1.8}

NO core. O'.

-3.5

-4.2

19 -

86^{-4.5}

197^{-1.5}

-0.2

92^{-5.5}

203^{-2.5}

20

98^{-3.5}

208^{-4.0}

0.3

103^{-4.5}

213^{-4.5}

20.5

0.2

108⁻⁵

218^{-4.5}

22

0.3

113^{-4.5}

223^{-2.5}

22.5

0.7

118^{-2.5}

226^{-2.5}

24

2

122⁻⁵

230⁻³

28

0.5

127.5^{-3.5}

234⁻³

29.5

0

131^{-5.5}

237⁻⁵

30.5

1.5

138^{-2.5}

242⁻⁵

39

0.8

148^{-4.5}

247^{-5.5}

43

0.5

153⁻⁵

253⁻⁵

50

2.5

158⁻⁵

258^{-4.5}

58

3.5

163⁻⁵

263⁻⁵

63

2

168⁻⁴

268⁻³

67

7.5

178^{-1.5}

271⁻⁵

76

5

183

276

82

- 4

281

- 0.6

282

287

- 4.5

292

297

302

307

312

319

330

336.8

346

349

356

366

371

378

384

390

396

- 2

398.5

402.5

407.5

413.5

418.5

421.5

428

442

447.5

449.5

- 4.9

- 4.5

- 4.7

- 5

- 2.0

- 6.5

- 13.5

- 2.5

- 2

71-210

0-18 - O.B

18-19 - TRICONE. NO CORE-

19-24 - Massive Sulphides.

Very poor core recovery.

PY, Galena and Sphalerite association.

PY in places ranges from 7.5% - 8.5% PY.

@ 22.5, Qtz Gr. Schist gangue.

22.5 - Qtz Gr. Schist. fo: 17°

Consists of coarsely fine Galena vein and chalc. PY, Bor & conchitic stringer.

24-28 - Qtz Gr. Schist:

fo: 20°

Dark Grey to Black Schist consists of disse. & banded Sulphides associated with Qtz veins. PY - 15% - 25% in places.

28-29.5 - massive Sulphides.

75% of the massive Sulphides is composed of sandy PY and the rest consists of Ga, SPK and Quartz gangue.

29.5 - 30.5 - No cor. (Mud).

30.5 - 57 Sericite Schist:

43 - fo: 45°

white to light buff colored, ~~white~~
friable Sericite Schist.

Diplenated Py to an amount of 5%
occurs in places.

57 - 449.5 Qtz Biotite Sericite ^{Staurolite} Schist:

58 - fo: 67° Light brown Biotite Sericite
67 - crenulated. Schist. S₂ is crenulated.
68 - fo: 65° at several places.

~~86 - fo: 50°~~

92 - 93.5 - Highly crenulated. ~~High~~

Staurolite ~~occurs~~ occurs widely.
92.5 - Garnetiferous. ~~High~~

101.5 - 102 - Qtz Andalusite vein.

106 - fo: 64°

107.5 - 108 - crenulated.

115 - fo: 67°

137 - 138 - Pure white Quartz vein.

167.5 - fo: 47°

169 - ~~168~~ ²¹⁸ - fractured ground.

202 - 208 - fault zone.

217 - fo: 47°

239 - 242 - Highly crenulated.

254.5 - fo: 63°

263 - 265.5 - Highly crenulated.

288 - 290 - fault zone.

296 - 296.5 - Qtz vein.

296.5 - 296.6 - Almandine chlo. Schl.

297.6 - 298.2 - Qtz vein.

301.5 - 302.5 - Highly crenulated.

307 - 307.2 - Andalusite Qtz vein.

312 - fo: 72°

319 - 328 - crenulations.

353 - 356 - fault zone.

361 - 371 - fault zone.

376 - 378 - fault zone.

381 - 392 - fault zone. Breccia & zone.

393 - fault contact dips @ 23°

393 - 398 - white quartz vein.

399.5 - Breccia.

413 - fo: 41°

428 - fo: 61°