

82F/3W

002817

52-365

82F/SW-31

Reens Drill core N30°W @ -45° Sept 19 1952

Hole #151

Rainbow Claims

0-40

no core

40-138 - box 1 core broken up post recovery
100' core in 35' of box

40-41

6 pieces of dark grey thinly banded strongly
effervescent ls - looks like metatax but may
be ls in black arg. ~~SPT~~

41-79

Broken up black arg - carbonaceous shiny
irregular cleavage faces. essentially non-limey
slight effervescence. 70-79.

79-139

Broken core of grey finely crystalline ls.
Banding obscure to 112 - irregular mottled
Below some pieces show regular thin banding
in general about \perp to core

139-152

Core fairly complete - light grey
thinly banded ls - probably "Reens" type
contacted broken up ls

152-155

155-162

Black & slightly limey phyllite - like garnet
schist. not carbonaceous.

162-174

174-213

4' of core mainly green up to 174
Black carbonaceous slightly limey arg
core broken up - gregarious cracks type

214-219

mottled grey ls pyritic looks like
beat up Reens.

219-233

3" core about 230' black carbonaceous
argillite.

233-235

Broken up ls? with black arg

235-241

~~light broken up black limey arg~~ 3" mud at
241

241-252

Relictous somewhat pyritic mottled grey ls

252-260

Light grey to white ls with bands of
disseminated pyrite 258-26 split for assay
- ls white with grey bands

Disseminated pyrite to 272

272-279 split - pyrite

325-328 Bi lump dyke same as 346

Hole 151 370-372 - green dense dyke

260-550 Ls. essentially white, finely \times tattered
very few dark grey bands

694-695 dark grey dyke Bands 60-90°
to Core

550-660 - Grey bands macromerous - ls. grey in
places quite carbonaceous

668-697 ls. grades at both side into
light grey, non limy rock possibly
dolomitic? locally siliceous slightly clouded
- argillaceous? sp 52-11 from 692
679, 684 693 per loup dykes 6" thick
4 @ 708.

697-733 white vaguely banded ls. bands about
45° to core

at 733 ls. grades into grey-bron
then into dark grey, limy arg.

733-779 Dark grey to black somewhat carbonaceous
limy & non-limy argillit banding contacted
- near 45° to core, call broken up 739 - 112 per loup

779-785 - Light grey ^{limy} section - gradational
contact with non limy 785-786. -

779-845 Brownish argillaceous ls. $\frac{1}{2}$ - $\frac{1}{4}$ " bands
of whitish ls. between brownish bands
of argillaceous material - some sections
2-3' of relatively pure light grey ls.

845-882 - Gradation to essentially non limy
grey cherty? argillit. some thin
relatively pure limy beds to end of hole.

882 Sp 3 from 853
52-78

Reeves Drill Core
Rainbow Canyon

DPH 160
36-38

Core broken dark grey chloritic limy
phyllite.

38-55

mottled light grey to white ls
highly deformed?? - no continuous banding.

55-63

Grey banded ls. Bands cut core
at 60° ± - looks like ^{but dense & fine grained.} Reeves type ls.

63-71

Light grey to white somewhat pale
phyllitic ls. cleavage 45° to core.

71-90

Core badly broken poor recovery.
light grey vaguely banded ls.

90-108

Grey mottled ls some micaceous surfaces
- vague banding.

111-182

in 30' of box mainly black mud.
Pieces are black carbonaceous phyllite
- highly broken up. locally limy. =
not recognizable as definitely quartz schist or
"copper creek"

182-185

Mottled grey ls - looks like lime
brecciated fragments vague.

185-198

2' core - light grey mottled ls

198-230

Pyritic grey-white ls. pyrite disseminated
but in bands becomes scarcer downward

230-330

Essentially white, finely crystalline
somewhat pyritic ls. Bands at about 95° to
core

341 + 349 2-6" px dykes

467-470 dark green lamp dyke

672-676 light green lamp dyke.

330-639

white to light grey x tabular ls. very
vague banding. essentially massive.

639-690

gradation into grey-black limy argillite
grey-black limy phyllite thin $\frac{1}{8}$ "

639-772

bands // to cleavage cleavage faces
carbonaceous crenulated

785-108

thin lamp dyke

DH160
772-810

light grey - brown limy arg. or arg.
ls. Some 2-3' sections of white ls.
in general $\frac{1}{4}$ to $\frac{1}{2}$ bands of white ls. brown
argillaceous material.

810-825

Grey - chloritic phyllite - shiny smooth
foliated surfaces.

820-823 low dyke

825-855

Mainly light grey - white fine & tabular
ls. grades into

855-897

Grey-green chloritic phyllite - locally limy

897-907

whitish grey & tabular ls. grading into
chloritic phyllite below 907 end of hole

Sp 4 from 906. JF 52-79

Sp 5 " 874 JF 52-80

Sp 6 " 711 JF 52-81

DDH 15B

62-87
87-99
99-166

Core - boulders granite quartz etc
Core broken up - weathered low p. shales.
mottled grey dolomite grading at
about 120-140 into grey ls - very
fine & tabular cleave - no banding some
vague breccia fragments above

166-720

Sp 7 from 129 52-82
light grey - white wavy banded fine
x tabular ls. Boxes not studied in detail.

720-738

Light grey, mottled limy argillites

738-767

Grey limon + light grey banded ls.
grades into grey L limon limy arg to 770

770-817

Grey black limy phyllite like sp. 6.

DDH 152

2-20

Grey finely banded fine & rather ls.
Some minor flakes on cleavage surfaces.

20-32

Grey laminated green phyllite & fine grained
sandy cleavage surface - about 2-4 in.
Banding & cleavage about 45° to core.

32-53

Grey finely & rather ls.

53-55

Grey-brown phyllite.

55-73

Grey thick banded ls.

73-90±

Mainly phyllite, becoming limy 90-93

90±-102±

Limy phyllite grey brown & white
thick banded, banding, cleavage
uniform, about 45° to core.

102±-130±

Grey ls. - light & dark grey.

130-140

Grey-green limy phyllite

- 218

Some grey green limy phyllite with
more or less lime - some rather fairly
pure ls. - otter & little lime 209-214 long dx

218-230

Dark grey dense & fine grained hard (siliceous)
dolomite - powder effervesces.

230

Gradational contact

230-239

Grey thick banded ls.

239-250

Sp 3 252-253. Dense grey siliceous dolomite

250-260

Somewhat phyllitic light grey ls.

260-290

Dark green dyke $\frac{1}{2}$ - $\frac{1}{4}$ " of wall rock on
each side in lime.

260-290

Grey siliceous dolomite (grades below
with light ~~un-weathered~~ dolomite - in

general fine & rather but locally bands &
irregular masses of medium coarse (dol)

290-387

Same light grey massive dolomite
locally limy - eg 310-320

pyrite - 366-377

This looks like the prospect dolomite
in the prospect tunnels.

387-416

Dark grey dense siliceous dol

DPH 152
A16-738

Light grey massive dolomite
544-547 pyrite + sphalerite
554-557 pyrite + sphalerite

738-751

Darker grey with black flecks.
-tuned, loding?

751-803

Darker grey mottled siliceous? dolomite
in places well banded. Locally mottling
resembles luecia.

803-

Gradational contact with black
somewhat limy phyllite. one or two +
- 1/2 - 1" bands of ~~sub~~ black phyllite
in dolomite above contact. Core not broken
no evidence of fault on this contact

803-831

Black carbonaceous essentially non-limy
argillite.

831-1036

Amber grey-black slight limy phyllite
Highly crumpled with 1/2 - 1/4" wavy
bands + lenses of lighter grey limy material
Less of this 10-15' from 1036.

1036-1041

seen lamp dyke

1041

3/8" section of black limy phyllite
in contact with grey thin bedded
finely crystalline ls. no evidence
for fault at this contact.

1041-1043

~~ls, banded ls @ 1043 gradational~~

1043-1047

greenish brown limy phyllite

1047-1050

seen dyke

1050-1052

Whitish x talline ls

1052-1054

green chlorite phyllite grades into
light grey ls

1054-1063

of chlorite or talc grey ls

1063-1144

light grey-white wavy banded
finely crystalline ls

DDM 152

1149.

rapid gradation - over a few inches into
light grey dolomite.

1149-1170

Grey banded dolomite
Sulfides 1055-1070

1170-1180

white to grey ls.

1180-1193

Grey banded dolomite - a lining dolomite

1193-1242

Grey & white banded ls.