

Sampling Apex Basalt
across creek from Schoof
chert dike

Bedded surfaces with black Mn
oxide crust

CCS Chinaman Creek
Schoof locality

higher # go down the section

stratigraphic distance -

orientation of the bedding $\rightarrow 138^\circ$

bedding dip $\rightarrow$ almost 90 (100 about)

No sun for sun compass

way point 011
S $210^\circ 10.581'$
E $119^\circ 41.854'$

Dave sighted to a tree downstream
strike 085

Actual 1-PS bearing 088-089

Sample #	Mag	Dip
CCS-1 -1m	152°	16°
CCS-2 -30 cm	046°	12°
CCS-3 -1m	098°	14°
CCS-4 - same strat. unit	098°	15°
CCS-5	062°	21°

See photographed Marble
Bar chert and breccia

How about conglomerate
test to constrain dyke
temp and to see whether
MB cherts contain primary
remnants?

Val's homophone 514-631-8385

7/9 Sampling Apex Basalt
at Chigaman Creek

Schopt microfossil locality

Ben Tanja, Dave E. Joe, Bob
Pidgeon, Troy Hudson,
Ryan Peterson

Tues 7/10/01

East Shelley Belt

Tanya Busak
Tracy Hudson
Ryan Peterson
Dave Evans

Joe Kirschvink
Ben Weiss
Bob Ridgeman

Going To Lower Stromatolites
Wesley Shelley Pool
→ Departed Marble Bar 8:45 am
Turned off on to first road
West of Shaw River, coming
from Marble Bar
(Waypoint STREET)

Turned right at ^{road} split to
Shelley Gorge

Crossed Shelley River

1:30pm Turn left at small track
waypoint TURN2

AMC 709023 7662614

Easting Northing

Locality found by Tanja and
Ben possible biogenic
stromatolite

waypoint LOWE3

S 21° 8.077

E 119° 0.3701

Another locality with
Obvious egg-carton

Stromatolites

Parallel laminae

4 cm



Waypoint LOWE6

See sampled Carbonate
chert that appears to be relic.

Waypoint LOWE5

S 21° 8.330'
119° 0.940'

Waypoint LOWE6

S 21° 8.228'
E 119° 0.917'

Black chert breccia
(See photographs)

July 11, 2001

At core shed in N. Pole
① Took sample from DDH ~~N~~pp
depth: 186.5 cm

All of these samples from
Apex Basalt

~~1st~~ silica breccia for magnetite

② Second Sample
depth 134.75 m

Hyaloclastite sample
Fairly unweathered

DDH MPY core

③ Basalt flow non-hyaloclastite
depth 138.20 m

④ Basalt flow with possible pyrite
depth 165.17 m

⑤ Basalt
depth 171.13 m

⑥ Black chert

depth 190-75m

Buck; a place to sample
Marble Bar chert that
is outside protected area
is Jasper Hill

Waypoint JASPRH

AMG 0782981
7652654

GPS coords for North Shaw Localities

- ① Pidgeon a: Duffer Dacite,
S 21° ~~23.3~~ 23.6', E 119° 36.3'
- ② Pidgeon b: U/Pb NSS
S 21° ~~26.9~~ 28.2', E 119° ~~38.6~~ 39.8-7'
- ③ Bickle ~~W/A~~, Pb/Pb NSS
S 21° ~~28.1~~ 24.8', E 119° ~~37.7~~ 28.8'
- ④ Bickle
S 21° ~~28.6~~ 25.6', E 119° 28.6', 29.3'
- ⑤ Bickle Pb/Pb NSS
S 21° 23.3', E 119° 23.2'
- ⑥ Bickle
S 21° 24.4', E 119° 21.4'
- ⑦ McNaughton 88? Ar/Ar,
S 21° 28' E 119° 22.4'

Ar/Ar

NSS 2

Bick 1

Bick 2

Bick 3

Bick 4

McNaughton 88?
Ar/Ar

SITE 1

Waypoint NSS1-A

S 21° 26, 093'

E 119° 31, 217'

Sampling North Show Suite
in creekbed NW of
Black Range Dike

Low rolling granite hills
Reddened on top, but
scraped clean near creek

Granites appear foliated

Strike of foliation 275°
DIP of foliation 70°
AT NSS1-G

Took 2 photos of
foliation and pegmatites
Pegmatites abundant

McNamee

8 McNoughton⁸⁹ U/Ph
S 21° 27.4' E 119° 22.4'

July 12

Took samples from North
Shaw Suite