

Field notes for Al Bryan's
+ Dick Gilbert's last excavations
at CLK, 1974

Charlie Lake Cave Sat Sept 14/74

Crew. Dr Bryan, Jim Burns, D Gilbert,

Observed cave - ^① disturbed surface.
+ water

possibly stratified A) from inside then

B) stream cut on river (glacial outwash) then not so much chance of stratigraphy.

② possibility that material from inside cave was removed - prob thrown outside mouth.

③ might be
1. too disturbed
2. late prehistoric.

1 - removed much of TPI and started down (J.B. + el) in adjacent pit - extended TPI which was 50cm x 1m
TPI 2 is extended 50cm w.

2 - down 20cm, 1st level - mixed material glass, bone (haver) and charcoal.

Sept 14/74

3. J. Bord decided against water screening now as water source high in small pebbles.

4. 1st priority is to obtain enough bone or charcoal from bottom to get a date.

20-30 cm BS

- 3 hare
1 fish
2 mammal - } Bone.
dark soil roots.

AB^{Nyom} returns.

the cave presumably on level lower than glacial lake level.

quoted N Ratters date on glacial stream deposits (on sheep ^{MTN} skull) at 9,000 B.P.

suggesting that CLC occupied at a later time period. ^{abundant} ^{hairs}

in 30-40 cm BS

- worked Bl. chert. - Black chert

38 cm N

40 cm E

40 cm BS

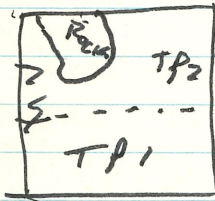
in dark Br. ^{Brown} matrix

14/9/79

30-40 cm cont

- continued angular sandstone
 (roof fall) rocks
 matrix more brown from dark
 black. Increase in faunal
 remains.

also increase in large angular
 roof debris?



small roots throughout.

40-50 cm BS

1- FLAKE - POSS UTILIZED

32 cm E

80 cm N

50 cm BS

sand like material appearing in NW corner
 containing brownish matrix. Rock in SW
 corner cont. more faunal material.
 roots continue

4
18/9/74

50-60 cm BS

continued brown with grey -
sandstone sand in N $\frac{1}{2}$.
calcareous of mammal + rib section

59 cm BS

35 cm N

40 cm E

in brown-black matrix.

60-70 cm BS

continued faunal material
- more & larger pieces of angular
sandstone in grey-brown matrix
root systems continuing
another large calcareous.

5 cm below previous see \uparrow see 60 cm level
CALCAREOUS

70-80 cm BS

less faunal material.

1 more calcareous - 50 cm E

80 cm BS

0 cm N.

Matrix more grey sandy with some dark
brown inclusions still roots
lock now in NE corner.

14/9/74

80-90 cm BS.

matrix of greysandstone (granular)
and black-brown soil.

more flat angular sandstone rocks
less small fauna more larger
beetles. some possible glacial
erratics.

90-100 cm BS

more sand (grey) matrix with brown-
black soil.

smaller root content
angular sandstone, angular;
reduction in faunal material

100-110 cm BS

material from dark soil taken in whole
for future analysis.

flake from white sandy matrix

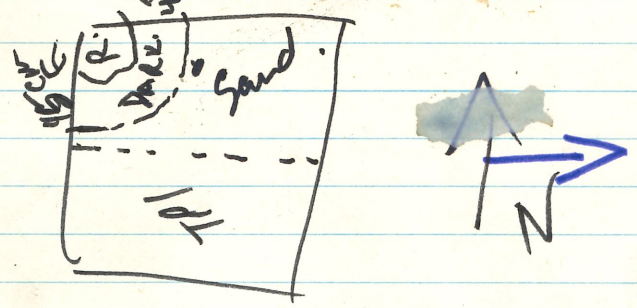
18 cm E

51 cm IX

109 cm BS.

100-110 cont.

dark soil (with small pieces charcoal)
evident in SW corner



110-120 cm BS

in yellow sand.
1 scraper.
35 cm E
1 M N
120 cm BS.

sand matrix a few angular sandstone
rocks

120-130 cm BS

Flakes in sand.
quartzite + basalt.
More angular sandstone rock.

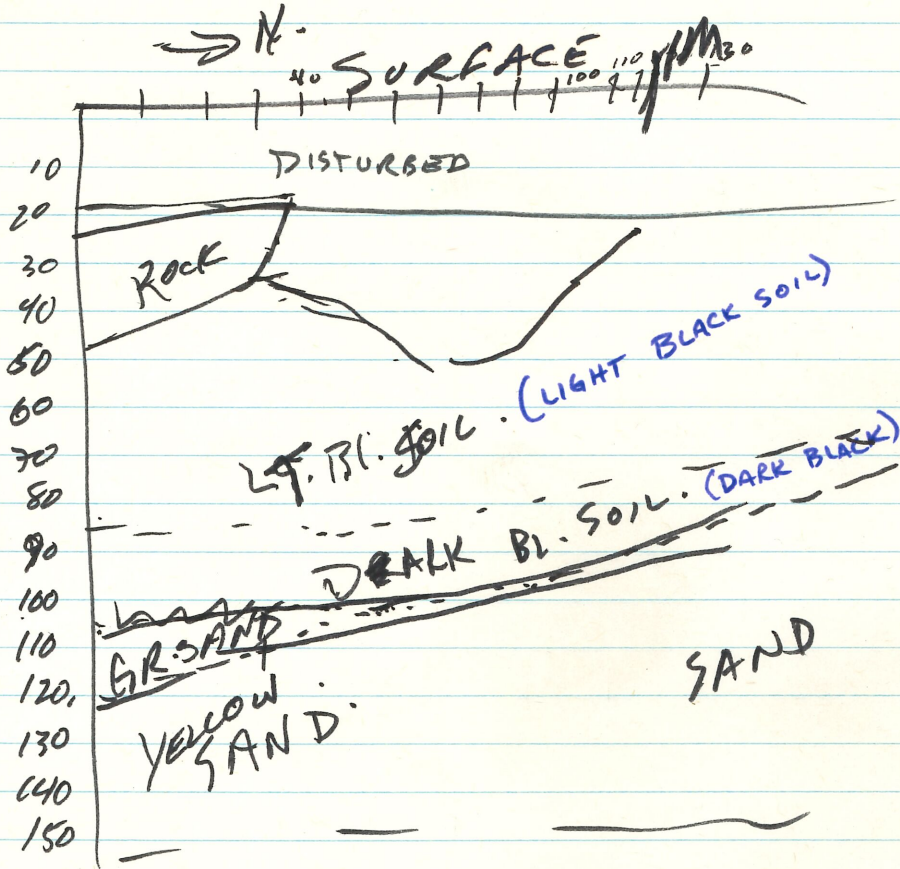
7

14/9/74

170-140 cmbs

N. 1/4 only, more rock in sand.

- Root in sand.
- Flakes



Placed plastic on 140 level + 4 beer bottles in corners @ surface

HbRF 39 T.P.I. Aug 22/74

Bone found in following level bags:

0-10 cm Below Surface

10-20 "

20-30 "

30-40 "

40-50 "

50-60 "

60-70 "

80-90 "

90-100 "

100-110 "

120-140 "

No bone in:

70-80 cm Below Surface

110-120 "

Unit was 50 cm x 100 cm

Soil was not screened.

Excavators: Knut Fladmark, Sharon Fladmark, Dick Gilbert

D.A. Jan/84

T.P. 2

HbRf39

Sept. 14/74

Bone found in the following level bags:

0-20 cm Below surface	90-100 ¹
20-30 ¹ "	90-100 ²
20-30 ² "	100-110¹ (Dark) no bone
30-40 ¹	100-110 ¹ (Light)
30-40 ²	100-110 ² (Light)
40-50 ¹	100-110 ² (Dark Fill)
40-50 ²	100-108 ²
50-60 ¹	110-120 ¹ (Dark)
50-60 ²	110-120 ² (Light)
60-70 ¹	110-120 ³ (Dark)
60-70 ²	120-130 ¹
70-80 ¹	120-130 ³
70-80 ²	130-140 ¹
80-90 ¹	130-140 ³
80-90 ²	

Unit 50cm x 100cm

Excavators: Dick Gilbert, Alan Bryan, James Burn

Screens were used

Some soil samples were fine screened in Edmonton

James Burns did a species list by level; for some of the bone from T.P. 1 and T.P. 2 (have list)

The rest of the notes on the excavation are temporarily missing - I am not sure why there are more than 1 bag/level - I have bagged the material separately, in case it has some significance.

- 1 Small, blue bags, clearly labelled
- 2 Large, red bags, poorly labelled
- 3 Large ziplocks bags - material in level bags looks like it was water-screened

Diane Alexander D.A. Jan 1984

DEPARTMENT OF ANTHRO. LOGY
THE UNIVERSITY OF ALBERTA
EDMONTON 7, ALBERTA, CANADA

Bone IP 1 by James Bannard.

Charlie Lake Cave.

Material
D. Bannard

Oct 1, 74

Separated Charcoal from
bottom levels. 100-110^A black soil
& combined the next 2 110-130^A sand D.A.
just scraped up over 2 gms. To be
sent for dating? hope.

110-120 - ambs.

(2) only check cherry pits noted

1830 bip.

TP1 ✓ Thin Scraper - 40 - 50 cm B.S. - in this envelope TP1

TP2? } Scraper - 120 - 130 cm. B.S. - sand
one at 110-120

TP2? } Biface 30 - 40 cm B.S.
one at 40-50

TP1 ✓ Bead 30 - 40 cm B.S.

D.A.

Bone

TP. 2?

- 0 - 20 cm Hare, Canis sp., Fish, Avian (duck?)
- 20 - 30 cm Hare, Catfish
- 30 - 40 cm Hare, Woodchuck, Mustelid (Badger?), Sucker, Pike, Avian (duck etc)
- 40 - 50 cm. Hare, Muskrat, Carnivora (med.), Chipmunk, Artiodactyl, Sucker, Avian
- 50 - 60 cm Hare, Packrat, Marten(?), Avian (large duck?)
- 60 - 70 cm. Mammal (large), Avian (duck?), Muskrat, Pika(?), Packrat, Carnivora (med)
- 70 - 80 cm. Hare, Artiodactyl DEER/SHEEP.
- 80 - 90 cm. Hare, Muskrat, Canidae (^{Coyote} Dog/Fox), Artiodactyl, Sucker
- 90 - 100 cm. Hare, Muskrat, Fox(?) sp., Artiodactyl, Avian, Sucker, Snake
- 100 - 110 cm. Hare, Mammal (med.), Avian.
- 110 - 120 cm. Mammal sp.
- 120 - 130 cm. Carnivora (med.)
- 130 - 140 cm. Microtinae sp.

Dear Kim T.

There are a number of reasons for the delay, I'll tell you a few next time we meet. Until then please accept my apologies.

There are two boxes of level bags and my field notes. The Boxes are labeled TP 1 & TP 2. My notes have many abbreviations so I have gone through them and expanded them and enclosed this with the original.

There were 3 persons on Test Pit 2. Myself, Alan Bryan and James Burns who is a Doctorial student in Paleontology at U of T. He did the Bone I.D. on both TP 1 & TP 2.

I hope this will help and we are looking forward to seeing you & yours in the near future.

Best wishes

Dick

PS

Also enclosed is my notes from Geologist who examined sand from base of TP 2

also weights of charcoal sent to Japan, I don't have official date form but it was 1820 ± 200 yrs BP from 1974