

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

Table 8: Test excavations

Date	Depth	Material	Notes
10/22/74	0-10 cm	Dark brown soil	
10/22/74	10-20 cm	Dark brown soil	
10/22/74	20-30 cm	Dark brown soil	
10/22/74	30-40 cm	Dark brown soil	
10/22/74	40-50 cm	Dark brown soil	
10/22/74	50-60 cm	Dark brown soil	
10/22/74	60-70 cm	Dark brown soil	
10/22/74	70-80 cm	Dark brown soil	
10/22/74	80-90 cm	Dark brown soil	
10/22/74	90-100 cm	Dark brown soil	
10/22/74	100-110 cm	Dark brown soil	
10/22/74	110-120 cm	Dark brown soil	
10/22/74	120-130 cm	Dark brown soil	
10/22/74	130-140 cm	Dark brown soil	
10/22/74	140-150 cm	Dark brown soil	
10/22/74	150-160 cm	Dark brown soil	
10/22/74	160-170 cm	Dark brown soil	
10/22/74	170-180 cm	Dark brown soil	
10/22/74	180-190 cm	Dark brown soil	
10/22/74	190-200 cm	Dark brown soil	
10/22/74	200-210 cm	Dark brown soil	
10/22/74	210-220 cm	Dark brown soil	
10/22/74	220-230 cm	Dark brown soil	
10/22/74	230-240 cm	Dark brown soil	
10/22/74	240-250 cm	Dark brown soil	
10/22/74	250-260 cm	Dark brown soil	
10/22/74	260-270 cm	Dark brown soil	
10/22/74	270-280 cm	Dark brown soil	
10/22/74	280-290 cm	Dark brown soil	
10/22/74	290-300 cm	Dark brown soil	
10/22/74	300-310 cm	Dark brown soil	
10/22/74	310-320 cm	Dark brown soil	
10/22/74	320-330 cm	Dark brown soil	
10/22/74	330-340 cm	Dark brown soil	
10/22/74	340-350 cm	Dark brown soil	
10/22/74	350-360 cm	Dark brown soil	
10/22/74	360-370 cm	Dark brown soil	
10/22/74	370-380 cm	Dark brown soil	
10/22/74	380-390 cm	Dark brown soil	
10/22/74	390-400 cm	Dark brown soil	
10/22/74	400-410 cm	Dark brown soil	
10/22/74	410-420 cm	Dark brown soil	
10/22/74	420-430 cm	Dark brown soil	
10/22/74	430-440 cm	Dark brown soil	
10/22/74	440-450 cm	Dark brown soil	
10/22/74	450-460 cm	Dark brown soil	
10/22/74	460-470 cm	Dark brown soil	
10/22/74	470-480 cm	Dark brown soil	
10/22/74	480-490 cm	Dark brown soil	
10/22/74	490-500 cm	Dark brown soil	
10/22/74	500-510 cm	Dark brown soil	
10/22/74	510-520 cm	Dark brown soil	
10/22/74	520-530 cm	Dark brown soil	
10/22/74	530-540 cm	Dark brown soil	
10/22/74	540-550 cm	Dark brown soil	
10/22/74	550-560 cm	Dark brown soil	
10/22/74	560-570 cm	Dark brown soil	
10/22/74	570-580 cm	Dark brown soil	
10/22/74	580-590 cm	Dark brown soil	
10/22/74	590-600 cm	Dark brown soil	
10/22/74	600-610 cm	Dark brown soil	
10/22/74	610-620 cm	Dark brown soil	
10/22/74	620-630 cm	Dark brown soil	
10/22/74	630-640 cm	Dark brown soil	
10/22/74	640-650 cm	Dark brown soil	
10/22/74	650-660 cm	Dark brown soil	
10/22/74	660-670 cm	Dark brown soil	
10/22/74	670-680 cm	Dark brown soil	
10/22/74	680-690 cm	Dark brown soil	
10/22/74	690-700 cm	Dark brown soil	
10/22/74	700-710 cm	Dark brown soil	
10/22/74	710-720 cm	Dark brown soil	
10/22/74	720-730 cm	Dark brown soil	
10/22/74	730-740 cm	Dark brown soil	
10/22/74	740-750 cm	Dark brown soil	
10/22/74	750-760 cm	Dark brown soil	
10/22/74	760-770 cm	Dark brown soil	
10/22/74	770-780 cm	Dark brown soil	
10/22/74	780-790 cm	Dark brown soil	
10/22/74	790-800 cm	Dark brown soil	
10/22/74	800-810 cm	Dark brown soil	
10/22/74	810-820 cm	Dark brown soil	
10/22/74	820-830 cm	Dark brown soil	
10/22/74	830-840 cm	Dark brown soil	
10/22/74	840-850 cm	Dark brown soil	
10/22/74	850-860 cm	Dark brown soil	
10/22/74	860-870 cm	Dark brown soil	
10/22/74	870-880 cm	Dark brown soil	
10/22/74	880-890 cm	Dark brown soil	
10/22/74	890-900 cm	Dark brown soil	
10/22/74	900-910 cm	Dark brown soil	
10/22/74	910-920 cm	Dark brown soil	
10/22/74	920-930 cm	Dark brown soil	
10/22/74	930-940 cm	Dark brown soil	
10/22/74	940-950 cm	Dark brown soil	
10/22/74	950-960 cm	Dark brown soil	
10/22/74	960-970 cm	Dark brown soil	
10/22/74	970-980 cm	Dark brown soil	
10/22/74	980-990 cm	Dark brown soil	
10/22/74	990-1000 cm	Dark brown soil	

①

Charlie lake Cave Sat Sep 14 / 74

Crew. Dr Bryan, Jim Burns, D. Gilbert,

Observed cave - ~~ABP~~ disturbed surface.  
+ water

possibly stratified A) from inside then

13 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. Food disturbed  
2. Late prehistoric.

1 - removed much of TP 1 and  
started down (J.B. vol) in adjacent  
pit - extended TP 1 which was 50cm x 1"  
TP 2 is extended 50 cm w.

2 - down 20cm, 5<sup>th</sup> level - mixed material  
glass, bone (hare) and charcoal.

Sept 14/79

3. J.B. and decided against water screening now as water source high in small beasties.

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 -
  - dark soil roots.
- } Bone

ABryan returns.

The cave presumably on land lower than glacial lake level.

Quoted N Ruttner's date on glacial stream deposits (on sheep skull) at 9,000 B.P., suggesting that CCC occupied at a later time period.

in 30-40 cm BS

- worked Bl. chert. — Black chert

38 cm N

40 cm E

40 cm BS     in dark Brn. matrix

<sup>above</sup> Brown

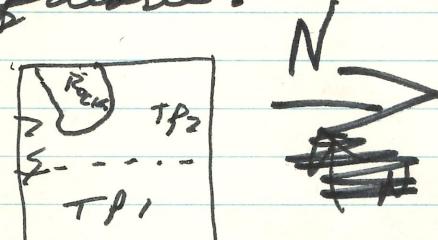
<sup>below</sup> matrix

14/9/79

30-40 cm cont

- contained angular sandstone

[root fall] rocks

matrix more brown from dark  
black " increase in faunal  
remains.also increase in large angular  
root 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  
 continuing Brownish matrix. Rock in SW  
 corner cont. more Faunal Material.  
 Roots continue

4

18/9/79

50 - 60 cm BS.

continued Brown with grey -  
sandstone sand in N  $\frac{1}{2}$ .  
Calcareous of mammal + fib 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 calcaneous.  
5 cm below previous cal ↑ see 60 cm but  
CALCANEOUS

70 - 80 cm BS

less faunal material -

more calcaneous - 50 cm E

80 cm BS

0 cm N.

Matrix more grey sandy with some dark  
brown inclusions still roots  
block now in N E corner.

15

14/9/74

80-90 cm BS.

matrix of grey sandstone (granular)  
and black-brown soil.

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

90-100 cm BS

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

smaller root content  
angular sandstone, granular;  
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 N

109 cm BS.

100-110 cont.

dark soil (with small pieces charcoal)  
evident  $\frac{1}{3}$  in SW corner



110-120 cm BS

in yellow sand.

1 scrapper

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.

Marl angular sandstone rock.

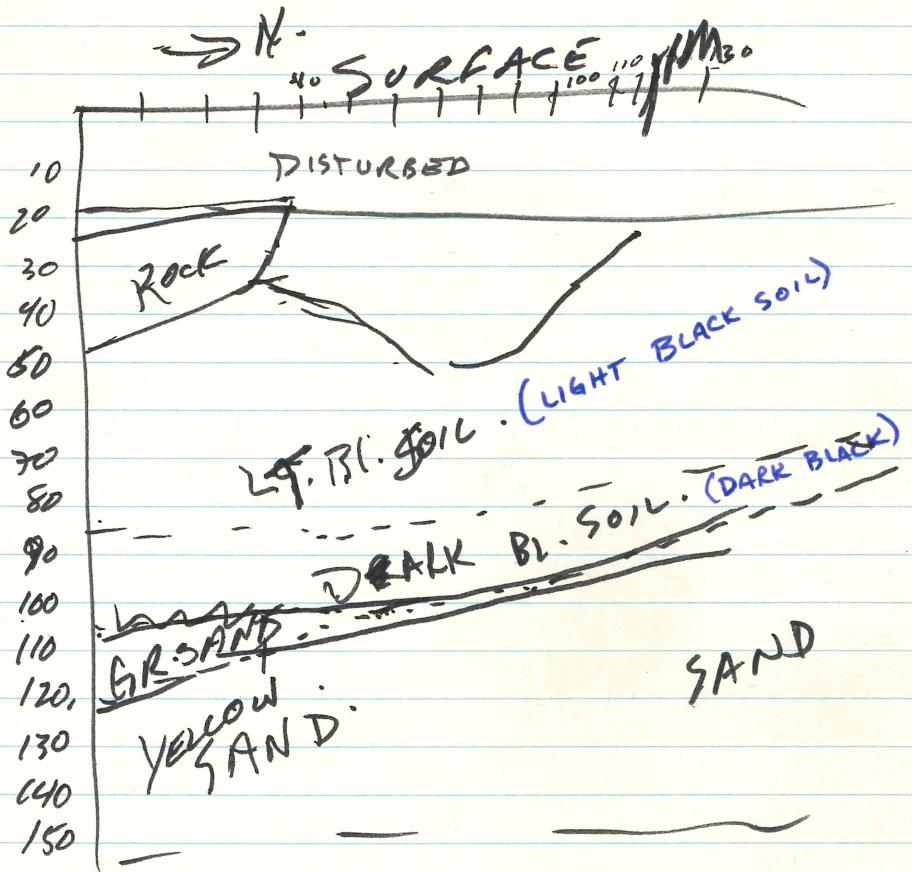
7

19/9/74

130-140 cm's

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

- root in sand.
- flakes



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

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

Bone found in following levels:

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. Jon/84

T.P. 2

HbRf39

Sept. 14/74

Bone found in the following level bags:

0-20 cm Below Surface	90-100 <sup>1</sup>
20-30 <sup>1</sup> "	90-100 <sup>2</sup>
20-30 <sup>2</sup> "	100-110 <sup>1</sup> (Dark) no bone
30-40 <sup>1</sup> "	100-110 <sup>1</sup> (light)
30-40 <sup>2</sup> "	100-110 <sup>2</sup> (Light)
40-50 <sup>1</sup> "	100-110 <sup>2</sup> (Dark Fill)
40-50 <sup>2</sup> "	100-108 <sup>2</sup>
50-60 <sup>1</sup> "	110-120 <sup>1</sup> (Dark)
50-60 <sup>2</sup> "	110-120 <sup>2</sup> (Light)
60-70 <sup>1</sup> "	110-120 <sup>3</sup> (Dark)
60-70 <sup>2</sup> "	120-130 <sup>1</sup>
70-80 <sup>1</sup> "	120-130 <sup>3</sup>
70-80 <sup>2</sup> "	130-140 <sup>1</sup>
80-90 <sup>1</sup> "	130-140 <sup>3</sup>
80-90 <sup>2</sup> "	

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 (I 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.

<sup>1</sup> Small, blue bags, clearly labelled

<sup>2</sup> Large, red bags, poorly labelled

<sup>3</sup> Large ziplocks bags - material in level bags looks like it was water-screened

Diane Alexander

D.A. Jan 1984

Bone 1P1 by Jamill  
Charlie Lake Cave -  
Material  
Dobson

Oct 1, /74

Separated Charcoal from  
bottom levels. 100-110<sup>black soil</sup>  
& combined the next 2 110-130 cm  
just scraped up over 2 gms. To be  
sent for dating? hope.

110-120 - an BC.

(2) only choke cherry pits noted

1830 b.p.

TP <sup>1</sup>	✓ Thin Scraper -	40 - 50 cm B.S.	<i>in this envelope</i>	TP 1
TP <sup>2</sup> ?	Scrapers	-	120 - 130 cm. B.S.	- sand
one at 110 - 120				
TP <sup>2</sup> ?	Biface		30 - 40 cm B.S.	
one at 40 - 50				
TP <sup>2</sup> ✓	Bead		30 - 40 cm B.S.	
D.A.				

### Bone

TP<sup>2</sup>?

- 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 (<sup>Coyote</sup><sub>Dog/Fox</sub>), Artiodactyl, Sucker
- 90 - 100 cm. Hare, Muskrat, Fox(<sup>?</sup>) 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:

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 & T.P. 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.D.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  $1820 \pm 200$  yrs BP from 1974