

ELK

13 Sep

old 24E, 73S is 20' W of new 8E 71S
(new 8E was marked 6E)

SOIL SAMPLING

ELK PROPERTY

861214

8E 73S + 200' → med. o/c
5ft. possib.
Kape
--- med. o/c.

2 kinds soil X

16E 65S From 'open' forest into "15°" scrub.

old 36E 68S is at 16E 65S

16E TL is 85' to W

16E 52S ~ (flat) (swampy) (open) → sloping scrub bush.

51+10 good clay sam. 49 some hummocks
47S now true plateau

90E
40S
38S

Lge. ck 105°

24E 39S Edge of "flat" "open"

41S In sloping, swampy scrub bush.

45S Into hvy timb, sebal etc, soon drops to ck.

Old 44E 49S is 60', 120', NW of new 24E 46S
→ ck is 15°, S of 46S, ~150'

32E
42S
40S
U. sam.

Huge ck, 50° N & 180° to S (bend back ~200'?)

→ go 140, 300' to old 52E, 50S

Old 52E 50S is 200' W and 60's of new 32E 46S

32E 46 to 44S slopes 10° Wery: is scrub timber

42S Big ck (as before), 90° running to W

39S Typ. open (but sloping) soil to here.

40E 36S boils

36S - 44S cks, up & down, soilable

16W

16W

↑ 10°

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DATE

O.T.

57°

PROJECT

SUBJECT

O.T.

bushy

open

10° ↑

605

• v?

• ?

• x

• x

•

555

bushy

• ? 18"

• x

• x

505

• b

• b

• b

• b?

• b

455

• x

• x

•

405

• x

•

• b

355

•

•

305

•

•

• b?

255

•

•

•

205

•

E1K
13 Sep - 2

40E 45S becomes open plateau, NS

40S some hummocks, "

53S sl. slope, mod open, poss. s. (just?)

57S gen hummock, s. ✓

" " & sw pchs

64S into big timber

48E 69S getting into mod. big timber

gn. hummocky. ok. s

64S slope but open swampy / boil s

58S v. gen. hummocky ok. s.

53S " " " into open flat plateau swamp

60S → v. sm.

EIK 12 Sep

LINE OE/ 20S lt. bn clay at 1', mixed

27S ^{orange} gel. clay @ 6" under white moss, "C" hor?

36S Dry "boils" amid swamps. Red soil
right at surface at 36S

40S swamp

41S yellow clay @ 3"

43S, 44S sw only

46S boil, lt. bn, stony

nr. 48S lt. bn clay (boil?)

48S orange loam, boil

49, 50 boils in vicinity

53, 54 no soil

55 pass. @ 18"

56S med bn clay, in ck bank, would do

55 on swampy but lge scrub bush \approx level

57S NS

58S NS

59S gysk bn clay would do 10"

60S " " " " " " 8"

61S slope gradually increased to 10°, down to S
good soil in ck. wall

63S peaty clay @ 1", slope now 10° ^{dn} to E

64S lt. gy clay @ 1', slope 12° dn to E.

65S " bn clay @ 1', " 15° " " fairly good. Timber now 6"-18"

Westerly 300' & into mature, open, timber + 2'

250' ~~to~~ of 16W 62S is sharp scrub / timber join

LINE 16W 63S begin drop-off

63+60S good m. bn clay @ 10", slope 5° to S

65S slope 10° to S

200' W of 64S 16W, into flat swamp again

OE

34S 'Lake'

32S

v. sm. ck. \leftarrow 110°
.62 S
.61 S

555 - Yoke next to

0041 = "1
0028 = "4 = 8.5

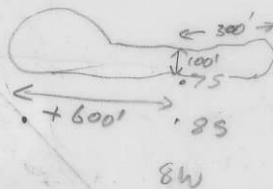
Elk 12 Sep 74

24W 65S in semi scrub just outside open swamp.
peas clay @ 1'

62S lt. bn clay @ 10" no.k.

24W 25+60S v. sm. stm in sl. dept, heading W.
52S has been all swampy
50S to 46S fairly bushy, probably drill
48S open swamp

8W 7S is on S. edge lake



N

FILE 3117
SUBJECT July 74

ELK
HOLE AT 8W/19N

Depth	Soil	-100 mesh			Rock Chips			Heavy Mets.		
		Cu	Zn	Mo	Cu	Zn	Mo	Cu	Zn	Mo
-0'	org.									
-1'	clay	7	18	1						
-2'	sub o/c	99	71	1						
		54	78	2						

OTHER COMPARISONS

Hole	Depth	Type	-100 mesh			Rock Chip			Heavy Mets		
			Cu	Zn	Mo	Cu	Zn	Mo	Cu	Zn	Mo
OE/12N	13'		44	83	ND	20	62	1			
OE/20N	13'		260	103	1	40	90	4			
OE/0N	12-8'		51	108	1	32	107	5	62	86 6	

CONCLUSIONS

- ① Uniform vertical metal distribution in non-org. soil
- ② Mo less in basal till wrt bedrock by factor of about 5
- ③ Possible high Cu mobility in soil or concentration in basal till
- ④ Zn uniform everywhere, in every sample type. Implication of low mobility.

ELK

July 74

HOLE AT OE / ON

Depth	Soil	-100 mesh			Rock Chips			Heavy Metals		
		Cu	Zn	Mo	Cu	Zn	Mo	Cu	Zn	Mo
0'-	↑									
-	o									
2'-	↑									
-	g									
4'-	a									
-	n									
6'-	i									
-	c									
8'-	↓	76	147	1						
-	↑									
8'-	g	85	136	ND						
-	r	85	136	ND						
10'-	a	78	128	1						
-	↑	78	128	1						
10'-	b	74	133	ND						
-	a	74	133	ND						
12'-	s	51	108	1	32	107	5	62	86	6
-	↓	51	108	1	32	107	5	62	86	6