

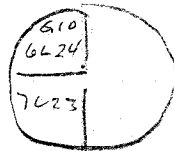
CARMACKS, YT

31 MAY 1972

1) FOLLOWED COAL-CAVED PITS

② 1<sup>st</sup> PIT W/ EXPOSED COAL I MOVED UPHILL 180' (~60 STEPS) TO WHERE 2<sup>nd</sup> COAL SEAM SHOULD APPEAR @ SURFACE. SAW NO COAL. SPOT WAS JUST ON E. SLOPE OF RIDGE. FENCE IN AREA. DRILLING FROM FENCE LINE SHOULD INTERCEPT BOTH COAL SEAMS. POSITIVE TO HIT BOTH IF DRILLED FROM TOP OF RIDGE OR WEST SLOPE.

2.) IN THIS AREA FOUND CUT SURVEYED LINE, ONE PICKET MARKED H 227. FOLLOWED LINE E. TO BRASS CAP



MOVED N ALONG LINE ~200' TILL INTERCEPTED SEVERAL LARGE CAVED AREAS. FOUND ANOTHER CUT SURVEY LINE. PACED W. 180' (~60 STEPS) FOR SITE OF PROJECTED OC OF 2<sup>nd</sup> COAL SEAM. NO COAL ON SURFACE. FOLLOWED N 150 W/ TO FENCE

1972 Trenching

CARMACKS YT 31 MAY 1972

LINE. THIS WAS END OF BARBED  
WIRE FENCE W/ 2 REELS ON GROUND  
YUKON COAL CO. SIGN. ALL

THIS ON E. SLOPE OF RIDGE.

MAY BE DRILLED FROM TOP  
OF RIDGE OR W. SLOPE @

30°  $\angle$  FROM HORIZ. TO INTERCEPT  
BOTH SEAMS

TOP OF RIDGE W 2530' @.

ALL ABOVE NOTES  $\frac{1}{2}$  S. OF RISE 15.

NOTE 2 W DIRECTLY W OF BSE 15

BSE 15 = TIMBERED COVERED  
AT SURFACE

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CARMACKS COAL MINE

1971-1972 UNDERGROUND  
DRILLING

# 2 HOLE (drilled 2<sup>nd</sup>)

PROVING 1000' STRIKE LENGTH  
OF # 2 COAL SEAM

A) TRENCH AREAS ABOVE  
UNDERGROUND DRILL HOLES.

B) TRENCH WEST OF RAISE 15

IF COAL SHOWN IN A'S B

EXTEND COAL SEAMS #1 & #2  
500' BY LONG TRENCH AT

RS. 7

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7 JUNE '72  
H. JANSON'S

TANTALUS BUTTE TRENCHING

TRENCH ON

TL#1 @ RS1 150 W TONZSON

0-17' OB

17-25 Siltstone, Brown

25-25½ " , Grey

25½-26 Coal,

26-29 Siltstone, Brown

29-31 Siltstone / w coal

31-34 Siltstone grading to Sandstone  
6" limonite zone @ 34

34-39 Sandstone to siltst

2" coal band @

35.8-36'

39-42 Coal

42-50½ Sandstone, brown w/

traces (w. 52) coal fossils

50½-51½ Coal,

51½-61½ Siltstone,

61½-63½ Coal, Clean

63½-64½ Siltstone

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Trench

7 JUNE '72  
H. JANSON'S

64½-71 Coal, Clean

71-74 Siltstone, brown, coaly

74-78 Coal, Clean, w/  
4" concretion  
band 76½-77

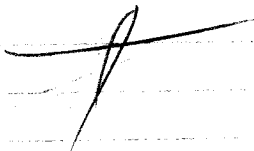
78-88 Sandstone,

88 - END OF TRENCH

Avg strike <sup>coal</sup> 8° N 7° W 62° W

TL1 100 W @ 53' tape  
marker

Trench N N 85 W



TRENCH N 15' WIDE, FLAT  
Pushed out to WEST

7 JUNE 72  
U. JANSON S

TRENCH 2 W of BRASS CAP 120'

Line N 65° E, Slope 22° E

Cut <sup>trench</sup> line very steep ~ 35°. Possible rock creeps  
surface. All slides appear conformable to T. 1

0 END OF TAPE @ 106 HD

WEST FROM BRASS CAP

0-3 SILTSTONE, BROWN

3-6½ COAL

6½-7 SANDSTONE LENS, BROWN  
IN COAL,

7-13 COAL, CLEAN, BLACK

13-14½ COAL, SILTY, BROWN

14½-15 COAL, CLEAN, BLACK

15-22 COAL, SILTY, BROWN  
(SILTSTONE w/ COAL)

23½-24<sup>SAND</sup> LIMONITE STAINED  
ZONE

24-28 SILTSTONE, BROWN

28-32 COAL, CLEAN

31-32 SILTSTONE, BROWN

32-34 SILTSTONE<sub>E</sub>/SANDY  
BROWN

34-45 OB #1

U. JANSON S  
7 JUNE 1972

TRENCH 3

ON TANTALUS BUTTE

COORDINATE 12400 N

E. END 120' UP HILL - COORD. 10400 W

IN TREES ON TOP OF 1<sup>st</sup>

GOOD BREAK IN SLOPE

~ 150' LONG, TO <sup>10'</sup> DEEP

ALL CONGLOMERATE [CHECK]  
PEBBLE WITH LITTLE MATRIX  
UP TO 1/2" THICK COAL SEAMS  
AT DEPTH.

PROBABLY ABOVE #2  
COAL SEAM.

RS 7 U. JANSON'S  
TRENCH-4 7 JUNE '92  
TRENCH # 5

#4 RS 7 - 0 - 50 E SEAM #2

#5 RS 7 230 - 280 E SEAM #1  
NOT CUT

TRENCH 4

LINE RS 7 BL to N 75 E

TILL

NO BEDROCK ENCOUNTERED

DEPTH TO TRENCH BOTTOM

~~1~~ 2' ABOVE CAT. RIPPED

ANOTHER 1/2' SANDY

MATERIAL INCORPORATED

CONTAINED COAL

FRAGMENTS.

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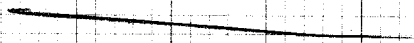
U. JANSON'S  
TRENCH 5- NOT CUT  
7 JUNE 1992

TRENCH 6

BL TEST LINE 12 of EM

Sandstone

E-M. anomaly may have been  
buried "drainage channel" from  
swamp between 0 100 - 200 E on  
TEST LINE.



D-8 Cat up Al Stricker  
10 Oct Coal Mine  
trenching

Purpose to expose character  
of #2 coal seam on surface.

Trench E-W on

TL 2

St. @ TL 2 200W  
Work E

TANTALUS BUTTE

TRENCH A on Coal Seam 2

N-S

Cross LINE 1 @ TRENCH #1 15' Long

Logged E-W

0 - 3.5 gy bln siltstone

3.5 - 6 Coal Clean

6 - 7 Gy Br Siltstone

7 - 13 Coal, Clean

13 - ? 14? Gy Br Siltstone

14 + ? Sluff

Line 2 30' s of line 1

0 - 3 Sluff

3 - 4 Blk Br Siltst

4 - 4.5 Coal

4.5 - 8 Gy Br Siltstone

8 - 8.4 Coal

8.4 - 9.6 Gy Br Siltstone

9.6 - 10 Coal

10 - 11 Blk Br Sandy Silty Coal

11 - 13.5 ~~Coal~~ ~~plastic~~ ~~Ramproof~~

13.5 - 16 Sluff. Rock = Gy Br Siltstone

Line 3 20' N of line 1  
Logged E-W 17' long

0-2.5 Gy Bn Siltstone

2.5-4 - Siltstone, coaly, bk-bu

4-6 Coal, Clean

6-6.5 Gy Bn Siltstone

6.5-12 Coal, Clean

12-14.5 Gy Bn Siltstone

14.5-15.5? Coal

15.5? - Sluff

Line 4 50' N of Line 1  
15.5' Wide Logged E-W

0-0.5 Gy Bn Siltstone

0.5-3.0 Coal, Clean

3.0-4.5 Gy-Bn Siltstone

4.5-7.4 Coal, Clean

7.4-11.5 Gy-Bn Siltstone

11.5-12.7 Coal, Clean

12.7-15.5 Overburden

Line 5 80' N of Line 1  
Logged E-W 16.5' wide

0-2 Gy Bn Siltstone  
2-3.3 Coaly Siltstone  
3.3-5.8 Coal, Clean  
5.8-6.2 Gy Bn Siltstone  
6.2-10.5 Coal Clean  
10.5-14.3 Gy Bn Siltstone  
14.3-16.5(?) Coaly Siltstone

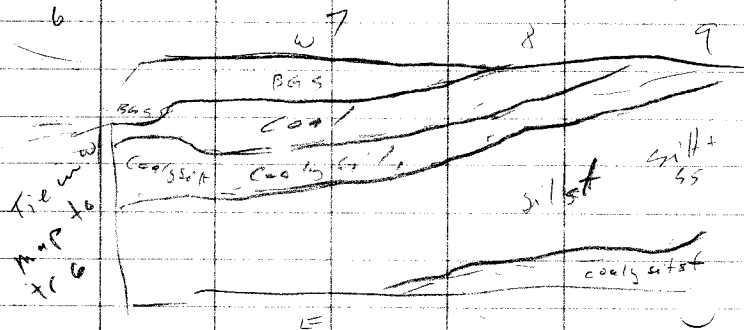
Line 6 16" Long  
110' N of Line 1 Logged - E-W

0-1.5 Overburden  
1.5-2 Gy Bn Siltstone  
2-2.5 Coaly, Sandy  
2.5-5.5 Gy Bn Siltstone  
5.5-5.8 Coal  
5.8-6.2 Tan Siltstone  
6.2-8.0 Coal, Clean  
8.0-8.8 Gy Siltstone  
8.8-9.0 Coal  
9.0-9.3 Gy Bn Siltstone  
9.3-11 Coal, Clean  
11-16 Bn Gy Siltstone

Line 7 15' wide 140' N-S

Trench 1 Logged E-W

0-5.5 Blu Gray Siltstone  
5.5-6.0 Coal Clean  
6.0-10 Coaly Blu Gray Siltstone  
10-10.6 Coal Clean  
10.6-12.4 Coaly Blu Gray Siltst  
12.4-15.0 Coal Clean  
15.0-15.5 (wall) Blu Gray Siltstone



Line 9 170' N-S Trench 1

Logged E-W

0-11 OB  
11-13 Coaly Siltst  
13-14(?) Coal Clean

see sketch for trench 7  
#

Time 9 @ TC 2 2004

0-3 Coaly Siltst  
3-16 Gy Br Silt + coal  
Interlayered w Sandstone  
Beds to 3" thick

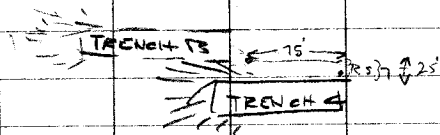
TRENCH "B" 11 Aug 1972

Al Stricker operator

Trench to locate an  
strike extension of #1  
coal seam.

Location

TRENCH - EW



Logged W to E start 75' E of  
cut line

N.B. Surface rock creep top 1/2'

0-40 - GB

40-45 - Gy sandstone

45-51 - Interbanded coal & yellow-tan sand  
zones to 1' wide in Gy-Bu Sand

51-57.5 Coal

57.5-58 Interlayered tan & brown sand  
traces of coal

N 10 W 60° W

58'-63 Int. Layered Bu tan  
Sand. traces of coal

TRENCH B

yellow-tan sand found <sup>West</sup> top of coal. Gy sand to E. bottom

63-64 tan sand w bands of coal to 1/8" thick

64-66 Coal, 9.

64.5 - 65.5 Clay

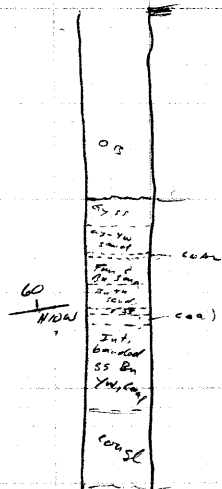
66-84 Interbanded to .5 ft layers of brown sand, tan sand & sandy coal

84-100' Congl. (possibly gravel w/ permafrost cement, coal frags in congl. also red & green volc. rx.

100' End of trench

100' of spoil past end of trench

TRENCH B



NB  
#1 Coal Seam  
located usually  
below conglomerate

1" = 40'  
N

12 Aug 72

French "C"

From TL B, 15000 N  
Go 70' E, then 86' N  
to start of trench.  
Trench SSE.

150  
3  
474

RS#7 N 10 W for 474' to  
TL B 15000 N.

#

No coal.

Only conglomerate & ss.

0-75

O/B

75-150

Conglomerate

75

150-165

GyB

Sandstone

15'

165-225

ss, silt

60'

Coal Seam #2

TRENCH "A"

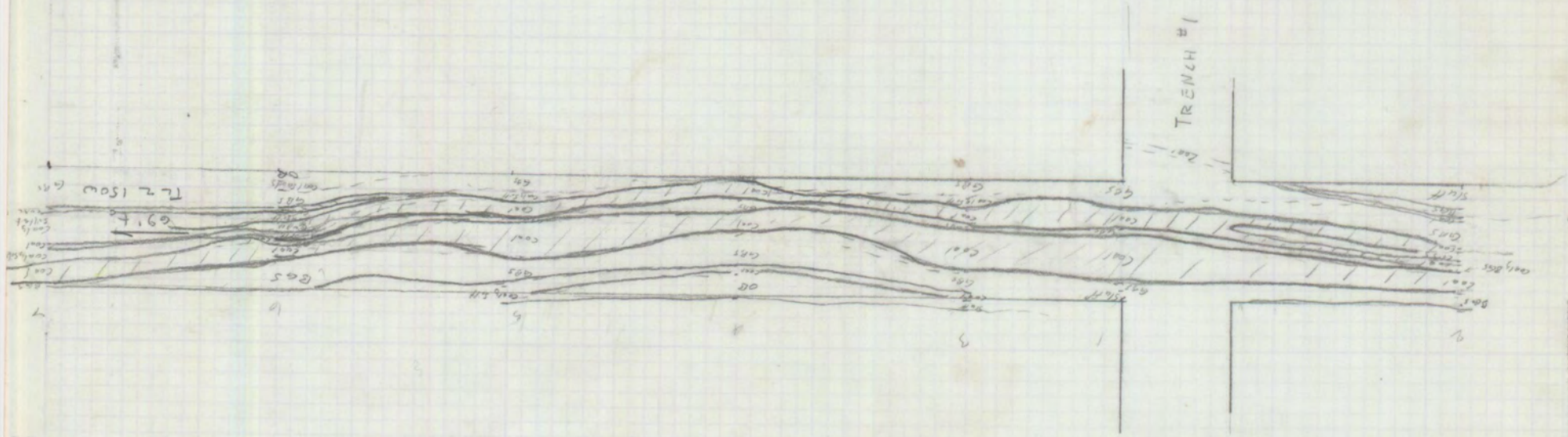
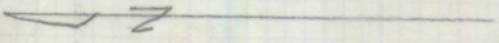
N-S. Cuts

Previous Trench #1

at Right & S

10 Aug 1972

1" = 20'



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