Spruce Bark Beetle Report 2015 Fall

2015-PHI-028

ADMINISTRATION

Polygon: PHI028 **Hectares:** 51.78 **Exact Location:** 2km on the Scovil FSR

Walkthrough: 2700m **Number of Probe Pixels:** 2 **Date:** 2015.11.09 **Crew:** J. Cousens, M. Vanderstap

STAND INFORMATION

Site Description: (topography, terrain, timber types, stand age, influences)

The site is located about 1.0km south of the access road. The terrain is sloped with varied aspect as the site surrounds a small hill. Slopes average near 20%. There is planned development in the immediate area. There is old blowdown scattered throughout the polygon as well as root disease. The site is bounded on all sides by a mix of timber and older cutblocks. Timber types within the stand are roughly 60% balsam fir and 40% spruce.

Stand Susceptibility: Moderate **Access:** 2WD, walk

Other Considerations or Limiting Factors: current access is overgrown.

SUMMARY OF CURRENT INFESTATION:

Attack in this stand is currently light to moderate, mostly concentrated on the west and south side of the polygon. Attack is also spread into the cutting permit near the centre of the polygon. Potential for spread is moderate to high. Majority of the attack is on a two year cycle, with one population determined to be on a one year cycle.

Volume Healthy	*Volume Year One Attack*	*Volume Year Two Attack*		*Volume Old Attack*	
487.3	45.1	0		0	
Bark Sample Data	***Entrance Holes***	***Adults***	***Larvae***	***Pupae***	***Young Adults***
(combined)	22	17	39	0	22

BRITISH COLUMBIA

BEETLE PROBE CARD

LOCATION	ELEVATION	LATITUDE	PAGE	OF
484035-6114985				

BEARING	STRIP LINE NO	STRIP WIDTH	DISTANCE	BEETLE SPECIES
202	1	10 m	100 m	☐ SB ☐ MPB ☐ DFB

DIAMETER CLASS	SURFACE AREA FACTOR	NUMBER OF HEALTHY HOSTS	BARK BEETLE CODE BY YEAR OF ATTACK 1	2	3	4	5	6	OTHER TREE SPECIES MAIN	OTHER
									B Cwood	
12.5 - 17.4	2.0									
17.5 - 25.0	3.3	☒	⊡						☒	
25.1 - 30.0	5.3	☒☒☒								
30.1 - 35.0	7.1									
35.1 - 40.0	9.4									
40.1 - 45.0	11.6									
45.1 - 50.0	13.8									
50.1 - 55.0	16.2									
55.1 - 60.0	18.7									
60.1 -	25.3									
TOTALS										

BARK SAMPLES 15cm x 15cm	NO. ENTRANCE HOLES	NO. PARENT ADULTS	NO. LARVAE	NO. PUPAE	NO. CALLOW ADULTS	FRESH (GREEN) BLOWDOWN Attacked	Unattacked
S	2	–	1	–	10		
n	unable to 110	–	0	–	12		

COMMENTS ⊡ Bark sample + ell

CREW NAMES Mariska van der Stap

DATE Y 15 M 11 D 9

FS 1111A RPG 00/02 7530881049 (100/bdl)

BRITISH COLUMBIA

BEETLE PROBE CARD

LOCATION	ELEVATION	LATITUDE	PAGE	OF
6484053 - 645641	/	/	1	1

BEARING	STRIP LINE NO	STRIP WIDTH	DISTANCE	BEETLE SPECIES
215°	JC3	10m	100m	☒ SB ☐ MPB ☐ DFB

DIAMETER CLASS	SURFACE AREA FACTOR	NUMBER OF HEALTHY HOSTS	BARK BEETLE CODE BY YEAR OF ATTACK 1	2	3	4	5	6	OTHER TREE SPECIES MAIN	OTHER
									B AT	
~~12.5 - 17.4~~	~~2.0~~									
17.5 - 25.0	3.3	☒ ⊡								
25.1 - 30.0	5.3	☒								
30.1 - 35.0	7.1									
35.1 - 40.0	9.4		⊡							
40.1 - 45.0	11.6									
45.1 - 50.0	13.8									
50.1 - 55.0	16.2									
55.1 - 60.0	18.7									
60.1 -	25.3									
TOTALS										

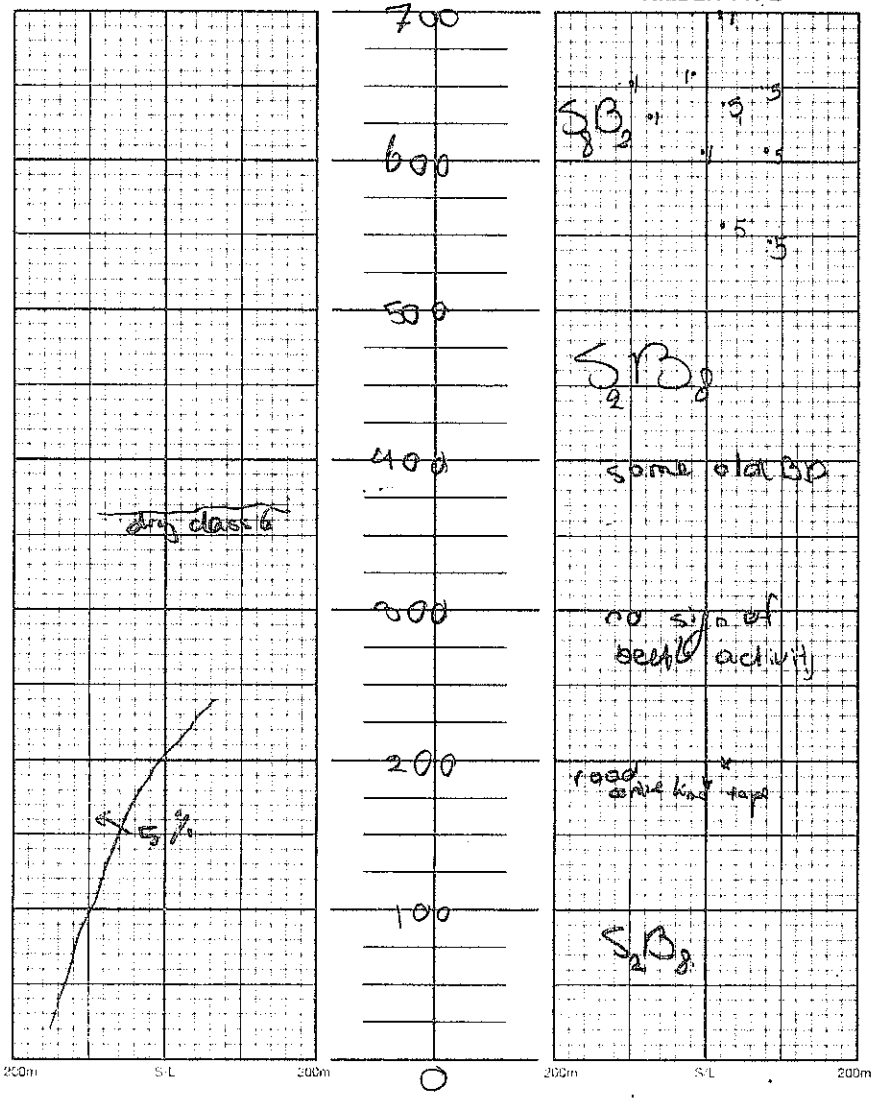
BARK SAMPLES 15cm x 15cm	NO. ENTRANCE HOLES	NO. PARENT ADULTS	NO. LARVAE	NO. PUPAE	NO. CALLOW ADULTS	FRESH (GREEN) BLOWDOWN Attacked	Unattacked
N	8	10	16	/	/		
S	12	7	22	/	/		

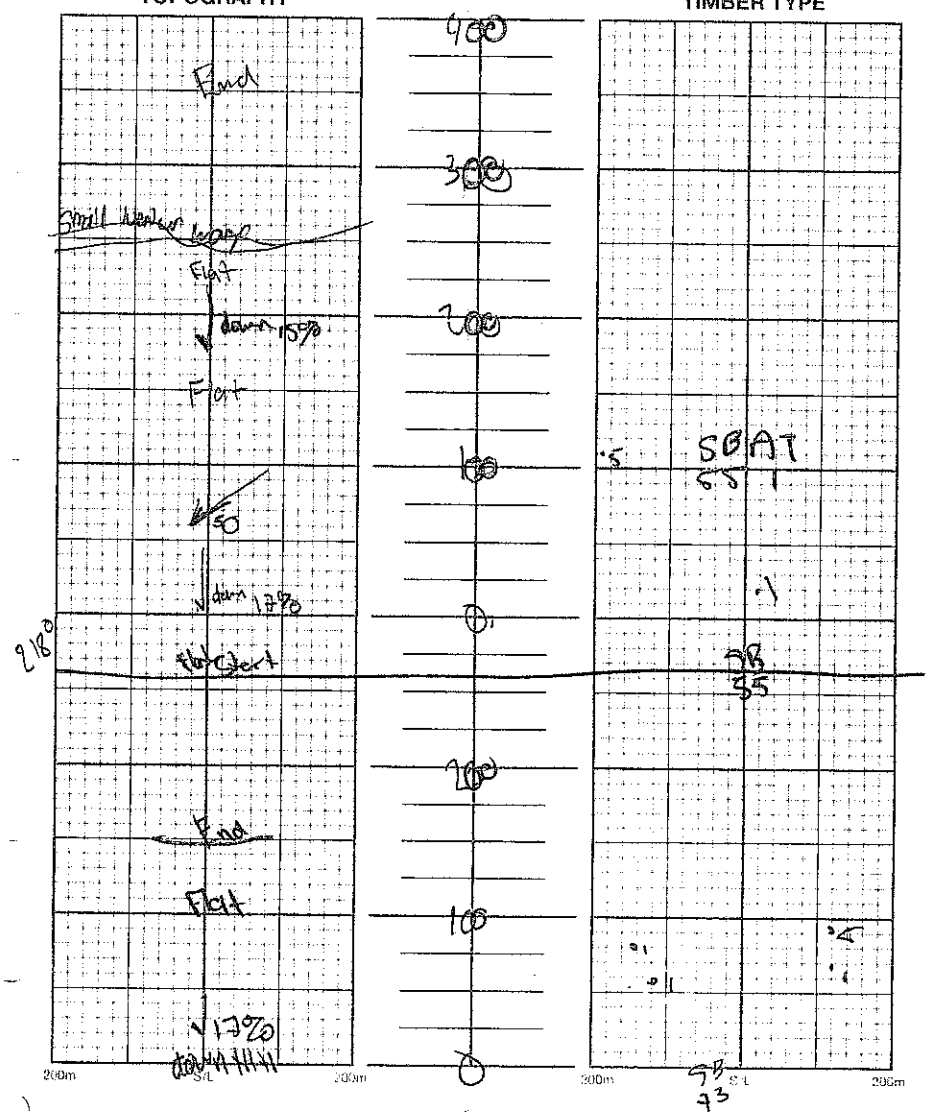
COMMENTS

CREW NAMES James Cousens

DATE Y 2015 M 11 D 09

FS 1111A RPG 00/02 7530881049 (100/bdl)





STRIP NO.: 1 DIRECTION: 202°

START STRIP: 484322 - 6115617

JOB NO.: FHi6ramk006 DATE: Nov 9 2015.

CREW: Moriska van der Stap

REMARKS:

www.irisupplies.com
Ph: 1-800-663-6843

STRIP NO.: JC DIRECTION: 260°

START STRIP:

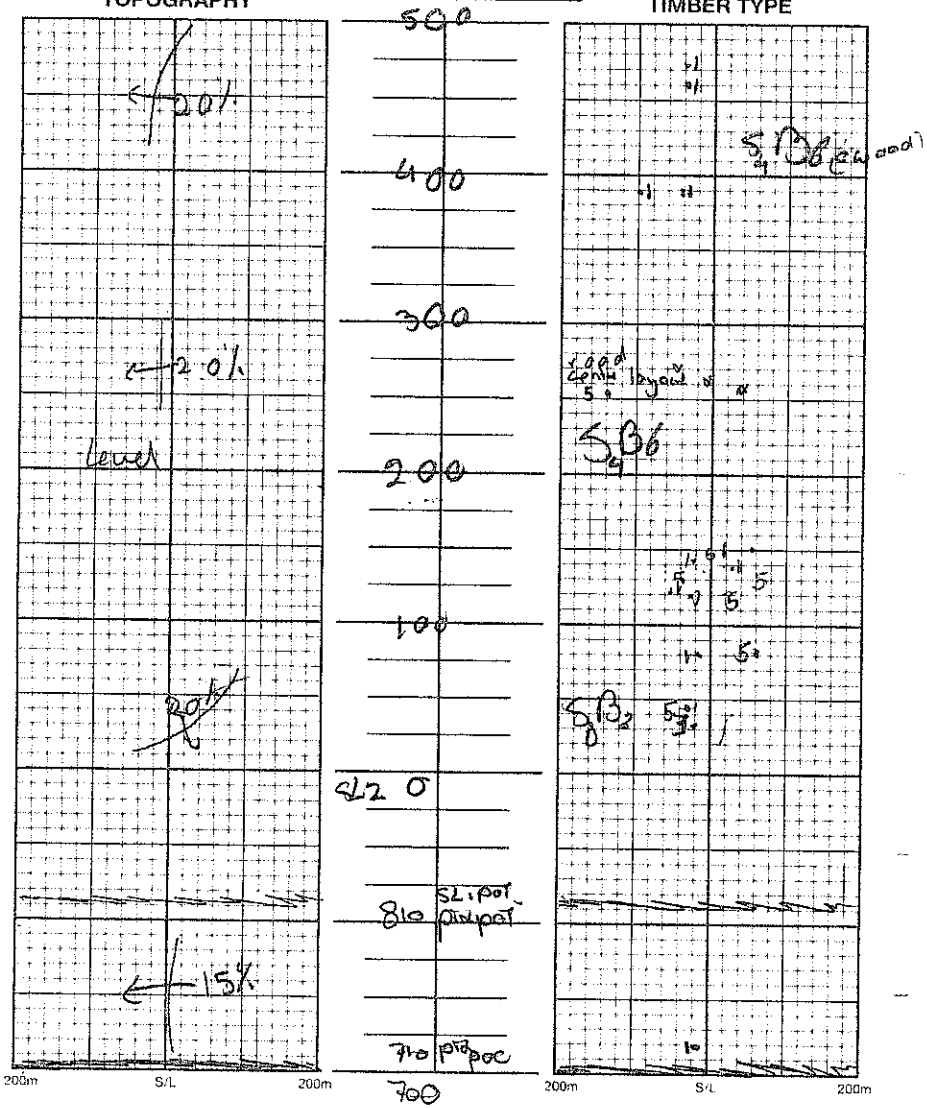
JOB NO.: DATE:

CREW:

REMARKS:

www.irisupplies.com
Ph: 1-800-663-6843

TOPOGRAPHY STRIP No. 1+2 pm 320 TIMBER TYPE



STRIP NO.: 1+2 DIRECTION: 346°

START STRIP: 483995-6114899 (SL2)

JOB NO.: FH16DMK006 DATE: Nov 9 2015

CREW: Mariska van de Stap

REMARKS:

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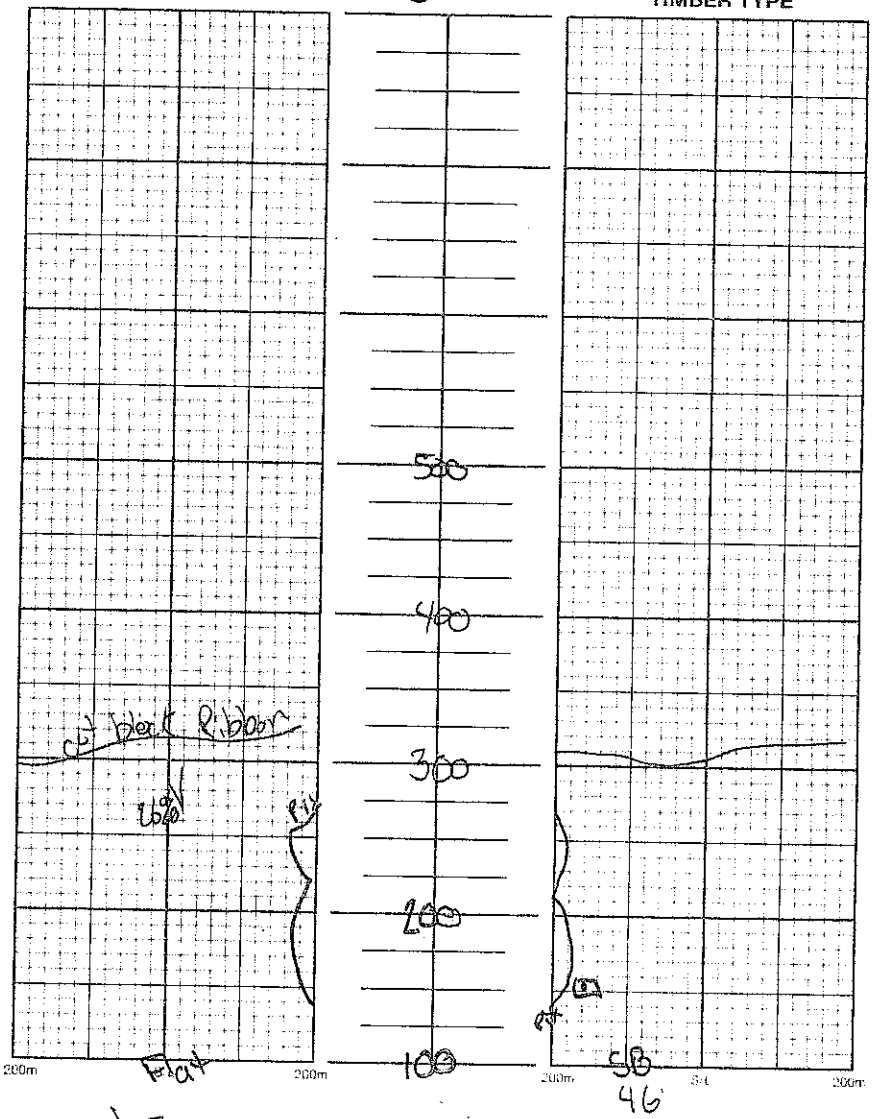
TOPOGRAPHY STRIP No. JC2 TIMBER TYPE



STRIP NO.: JC3 DIRECTION:

START STRIP: 0484047 - 6115645

JOB NO.: FH16 DMK006 DATE: 09/11/2015

CREW: James Cousins

REMARKS:

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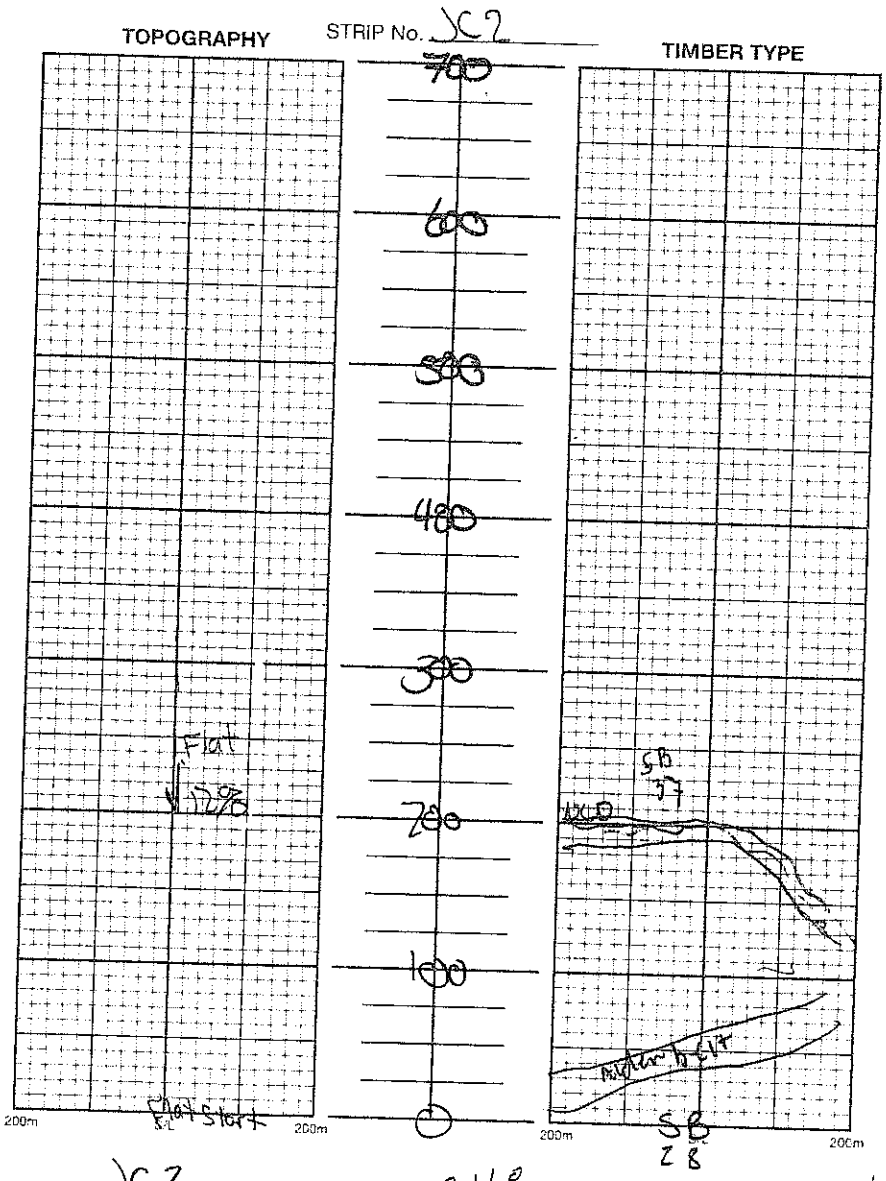

STRIP NO.: JC2 DIRECTION: 216°

START STRIP: 0484212 -6116049

JOB NO.: FH16 DMK006 DATE: 09/11/2015

CREW: James Cousins

REMARKS:

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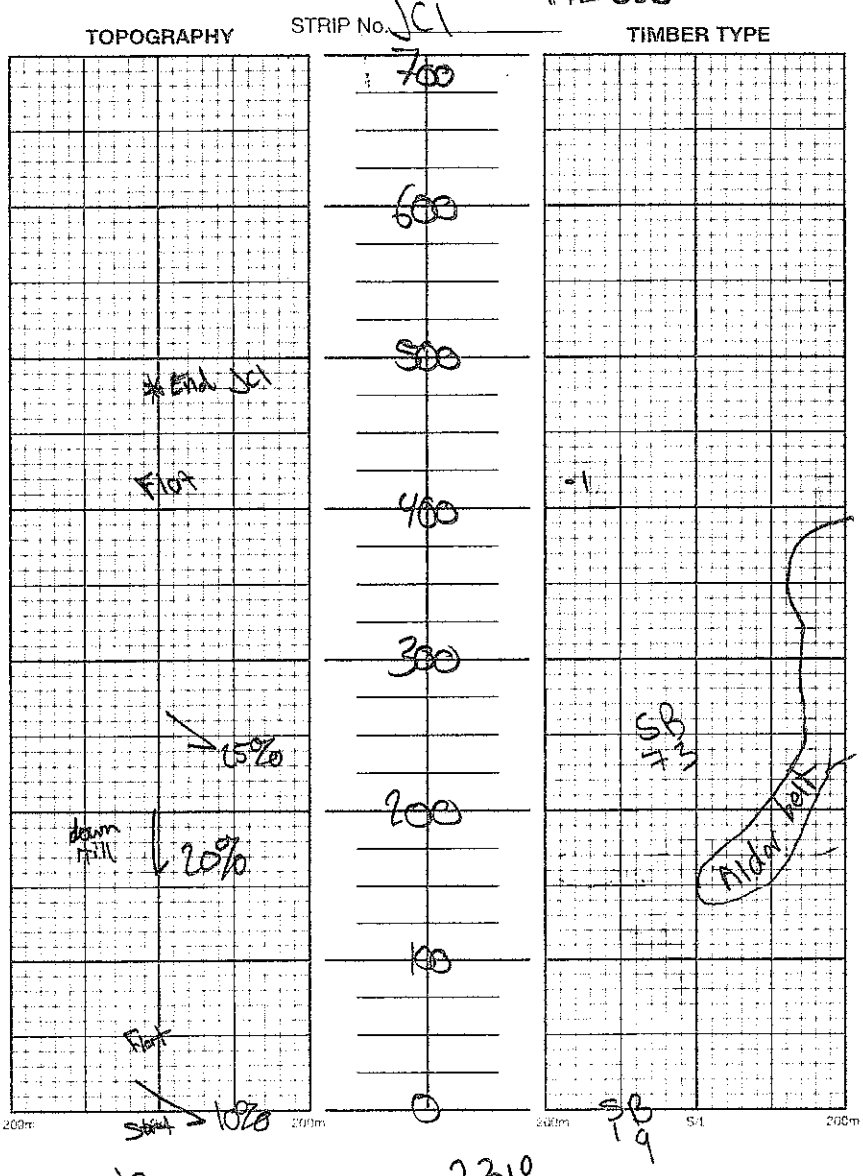
PHI 028



STRIP NO.: JC 1 DIRECTION: 331°

START STRIP: 0485407 - 6115653

JOB NO.: FH16 DMK006 DATE: 09 / 11 / 2015

CREW: James Cosens

REMARKS:

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