

BRITISH  
COLUMBIASPRUCE BEETLE  
PROBE CARD

| LOCATION <u>495</u>           |                                                        | PAGE <u>1</u> OF <u>1</u> |                                           |           |                   |                        |    |            |                    |           |
|-------------------------------|--------------------------------------------------------|---------------------------|-------------------------------------------|-----------|-------------------|------------------------|----|------------|--------------------|-----------|
| BEARING <u>92°</u>            |                                                        | DISTANCE <u>100m</u>      |                                           |           |                   |                        |    |            |                    |           |
| STRIP WIDTH <u>10m</u>        |                                                        |                           |                                           |           |                   |                        |    |            |                    |           |
| DIAMETER CLASS                | MEAN SURFACE AREA (m <sup>2</sup> ) PER DIAMETER CLASS | NUMBER OF HEALTHY SPRUCE  | BARK BEETLE CODE BY YEAR OF ATTACK (YYYY) |           |                   |                        |    |            | OTHER TREE SPECIES |           |
|                               |                                                        |                           | Yr                                        |           | Yr                |                        | Yr |            |                    |           |
|                               |                                                        |                           | 1                                         | 2         | 3                 | 4                      | 5  | 6          |                    |           |
| 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                        |                                                        | <u>17</u>                 |                                           |           |                   |                        |    |            |                    | <u>15</u> |
| BARK SAMPLES<br>15 cm x 15 cm | NO. ENTRANCE HOLES                                     | NO. PARENT ADULTS         | NO. LARVAE                                | NO. PUPAE | NO. CALLOW ADULTS | FRESH (GREEN) BLOWDOWN |    |            |                    |           |
|                               |                                                        |                           |                                           |           |                   | Attacked<br>Yr         | Yr | Unattacked |                    |           |
|                               |                                                        |                           |                                           |           |                   |                        |    |            |                    |           |
|                               |                                                        |                           |                                           |           |                   |                        |    |            |                    |           |
|                               |                                                        |                           |                                           |           |                   |                        |    |            |                    |           |
| COMMENTS                      |                                                        |                           |                                           |           |                   |                        |    |            |                    |           |
| CREW NAMES <u>J.T</u>         |                                                        |                           |                                           |           |                   | DATE <u>2018 12 13</u> |    |            |                    |           |

FS 1111 RPG 93/12

BRITISH  
COLUMBIASPRUCE BEETLE  
PROBE CARD

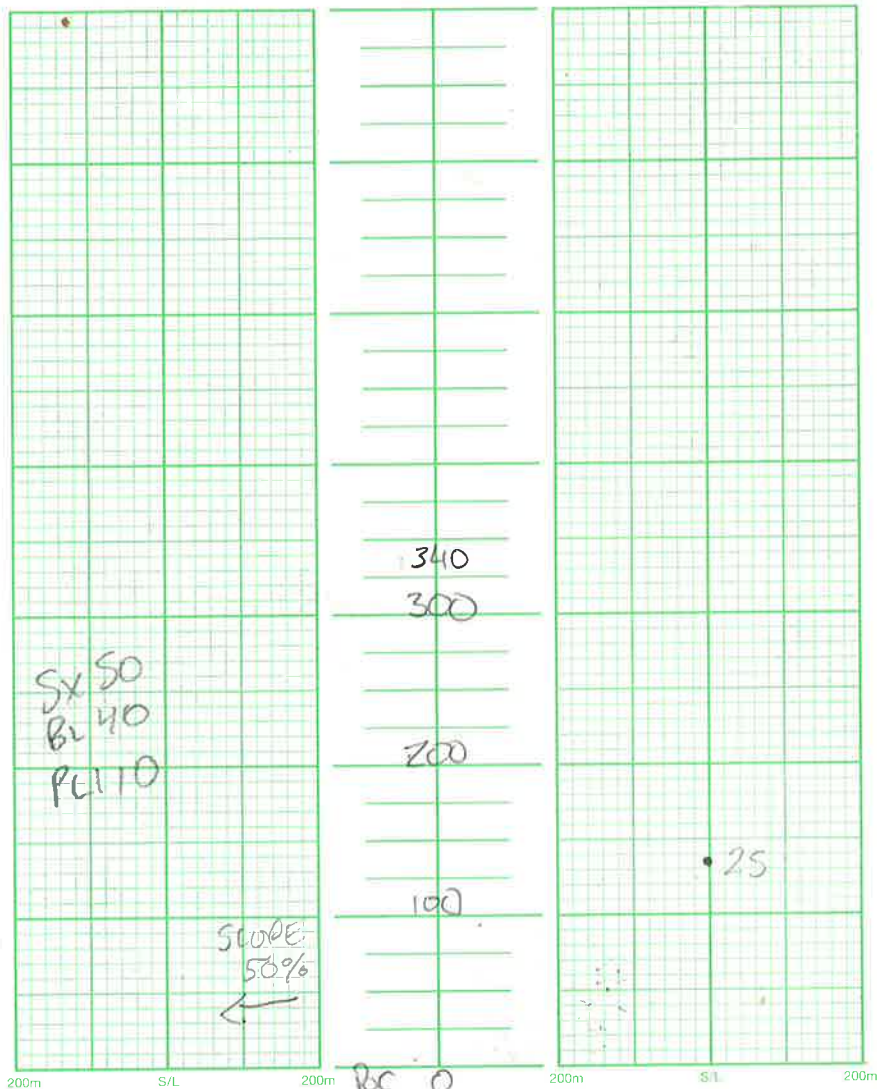
| LOCATION <u>495</u>                                                          |                                                        | PAGE <u>1</u> OF <u>1</u> |                                    |           |                   |                        |    |            |                    |  |
|------------------------------------------------------------------------------|--------------------------------------------------------|---------------------------|------------------------------------|-----------|-------------------|------------------------|----|------------|--------------------|--|
| BEARING <u>118°</u>                                                          |                                                        | DISTANCE <u>100m</u>      |                                    |           |                   |                        |    |            |                    |  |
| STRIP WIDTH <u>10m</u>                                                       |                                                        |                           |                                    |           |                   |                        |    |            |                    |  |
| DIAMETER CLASS                                                               | MEAN SURFACE AREA (m <sup>2</sup> ) PER DIAMETER CLASS | NUMBER OF HEALTHY SPRUCE  | BARK BEETLE CODE BY YEAR OF ATTACK |           |                   |                        |    |            | OTHER TREE SPECIES |  |
|                                                                              |                                                        |                           | Yr                                 |           | Yr                |                        | Yr |            |                    |  |
|                                                                              |                                                        |                           | 1                                  | 2         | 3                 | 4                      | 5  | 6          |                    |  |
| 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                                                                       |                                                        | <u>4</u>                  | <u>00</u>                          | <u>02</u> | <u>12</u>         | <u>14</u>              |    |            |                    |  |
| BARK SAMPLES<br>15 cm x 15 cm                                                | NO. ENTRANCE HOLES                                     | NO. PARENT ADULTS         | NO. LARVAE                         | NO. PUPAE | NO. CALLOW ADULTS | FRESH (GREEN) BLOWDOWN |    |            |                    |  |
|                                                                              |                                                        |                           |                                    |           |                   | Attacked<br>Yr         | Yr | Unattacked |                    |  |
|                                                                              |                                                        |                           |                                    |           |                   |                        |    |            |                    |  |
|                                                                              |                                                        |                           |                                    |           |                   |                        |    |            |                    |  |
|                                                                              |                                                        |                           |                                    |           |                   |                        |    |            |                    |  |
| COMMENTS<br><u>Not exactly on original line due to insufficient flagging</u> |                                                        |                           |                                    |           |                   |                        |    |            |                    |  |
| CREW NAMES <u>AW CT</u>                                                      |                                                        |                           |                                    |           |                   | DATE <u>2019 08 13</u> |    |            |                    |  |

FS 1111 RPG 93/12

## TOPOGRAPHY

STRIP No. 1

## TIMBER TYPE



STRIP NO.:

START STRIP:

JOB NO.:

CREW:

REMARKS:

1 P:495

DIRECTION:

95°

10 U 0586 526 6119258

DATE:

Dec 13

PROZ

J.T



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

100% RECYCLED  
WITH NO ADDED CHLORINE

J. L. DARLING CORP. TACOMA, WA 98424-1017  
www.RiteintheRain.com

100-352

P495 JT DEC 13

BS 1 N

S 1 LARVA 1 E.H

BS 2 N 1 LARVA 2 E.H

S 2 LARVA 1 E.H

BS 3 N 1 LARVA 1 CALLOW 2 E.H

S 1 LARVA 2 E.H

BS 4 N 1 LARVA 2 E.H

S 2 LARVA

BEETLE 2 YEAR CYCLE

MPIB PRESENT

SUGGEST TRAP TREES ALONG  
PIPELINE FOR NORTH SIDE

TOPOGRAPHY STRIP No. 3 TIMBER TYPE

SX 50  
BL 40  
PL 10

Slope 50%

200 150 100 50 0

NO ATTACK

200m S/L 200m

STRIP NO.: 3 P-495  
 START STRIP: 10 U 0586945 6119070  
 JOB NO.: PROZ  
 CREW: JT  
 DIRECTION: 256°  
 DATE: Dec 13

TOPOGRAPHY STRIP No. 2 TIMBER TYPE

SX 50  
BL 40  
PL 10

Slope 50%

190 150 100 50 0

15 15 5

200m S/L 200m

STRIP NO.: 2 P-495  
 START STRIP: 10 U 0586843 6119238  
 JOB NO.: PROZ  
 CREW: JT  
 DIRECTION: 151°  
 DATE: Dec 13

TOPOGRAPHY STRIP No. 5 TIMBER TYPE

Sx 50  
BL 40  
PL 10

Scale 50%  
↑

240  
200  
100

5

Pixel Pot

Pixel Pot

200m S/L 200m 0 200m S/L 200m

STRIP NO.: S P:495 DIRECTION: 92°  
 START STRIP: 10 U 0586822 6118890  
 JOB NO.: PROZ DATE: DEC 13  
 CREW: J.T  
 REMARKS:



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

TOPOGRAPHY STRIP No. 4 TIMBER TYPE

Sx 50  
BL 40  
PL 10

Scale 40%  
←

140  
100  
50

No ATTACK

200m S/L 200m 0 200m S/L 200m

STRIP NO.: 4 P:495 DIRECTION: 154°  
 START STRIP: 10 U 0586759 6119011  
 JOB NO.: PROZ DATE: DEC 13  
 CREW: JT  
 REMARKS:



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

7

**TIMBER TYPE**

The image shows three sheets of graph paper. The left sheet contains handwritten text: "Sx 50", "BL 40", "PL 10", and "SLOPE 500%", with a downward-pointing arrow below it. The middle sheet has handwritten numbers "120", "100", and "50" on its horizontal lines. The right sheet has a handwritten number "5" next to a small dot on its horizontal line.

STRIP NO.: 7 P:495 DIRECTION: 270°  
START STRIP: 110 0587071 6118807  
JOB NO.: PROZ DATE: DEC 13  
CREW: J.T.  
REMARKS:



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

6

**TIMBER TYPE**

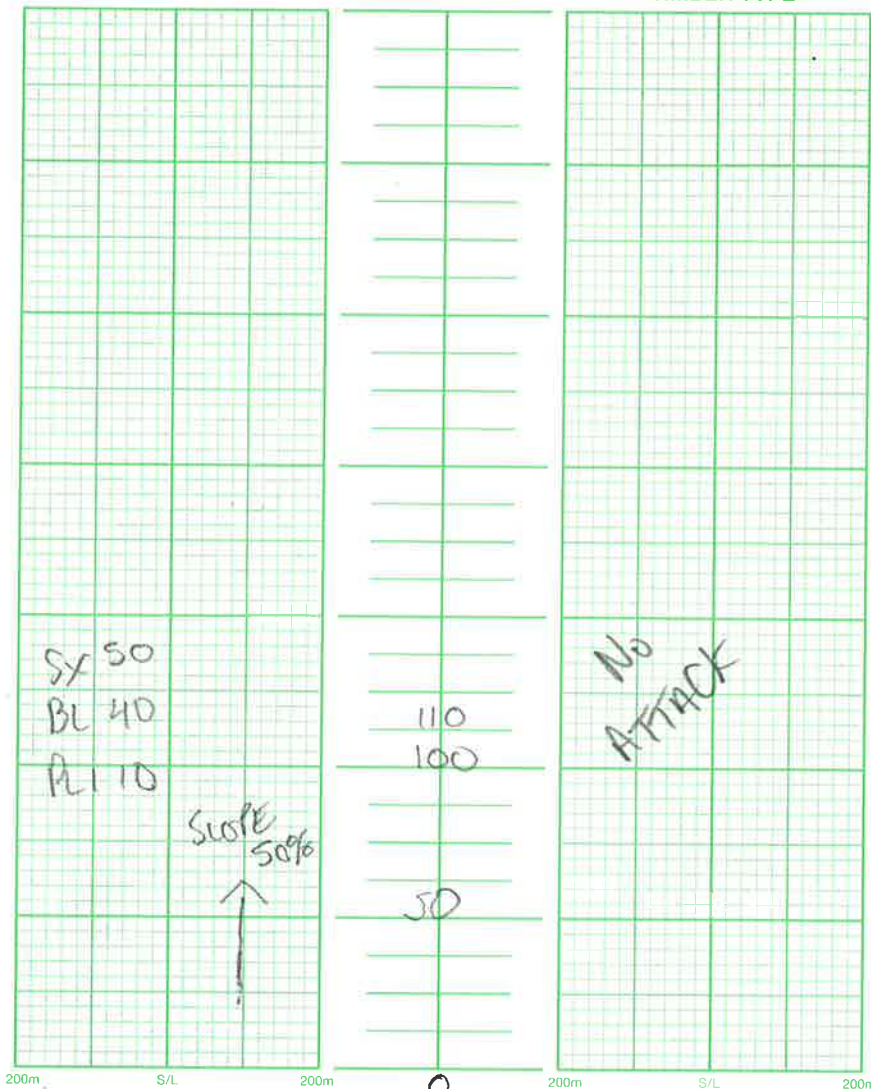
The image shows three sheets of graph paper arranged horizontally. The left sheet has handwritten text in the bottom-left corner: "SX 50", "BL 40", and "PL 10". To the right of this text is the word "SLOPE" with "40%" below it, and a large arrow pointing to the left. The middle sheet has the numbers "70", "50", and "25" written on its horizontal lines. The right sheet has the number "15" written on its horizontal lines. All three sheets have a grid of small squares and larger rectangles.

STRIP NO.: 6 P:495      DIRECTION: 170°  
START STRIP: 10 U 0587064 6118850  
JOB NO.: PROZ      DATE: DEC 13  
CREW: J-T  
REMARKS:



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

### TIMBER TYPE



STRIP NO.: 9 P:495      DIRECTION: 90°

START STRIP: 10 U 0586953 6118725

JOB NO.: PR02      DATE: DEC 13

CREW: J.T.

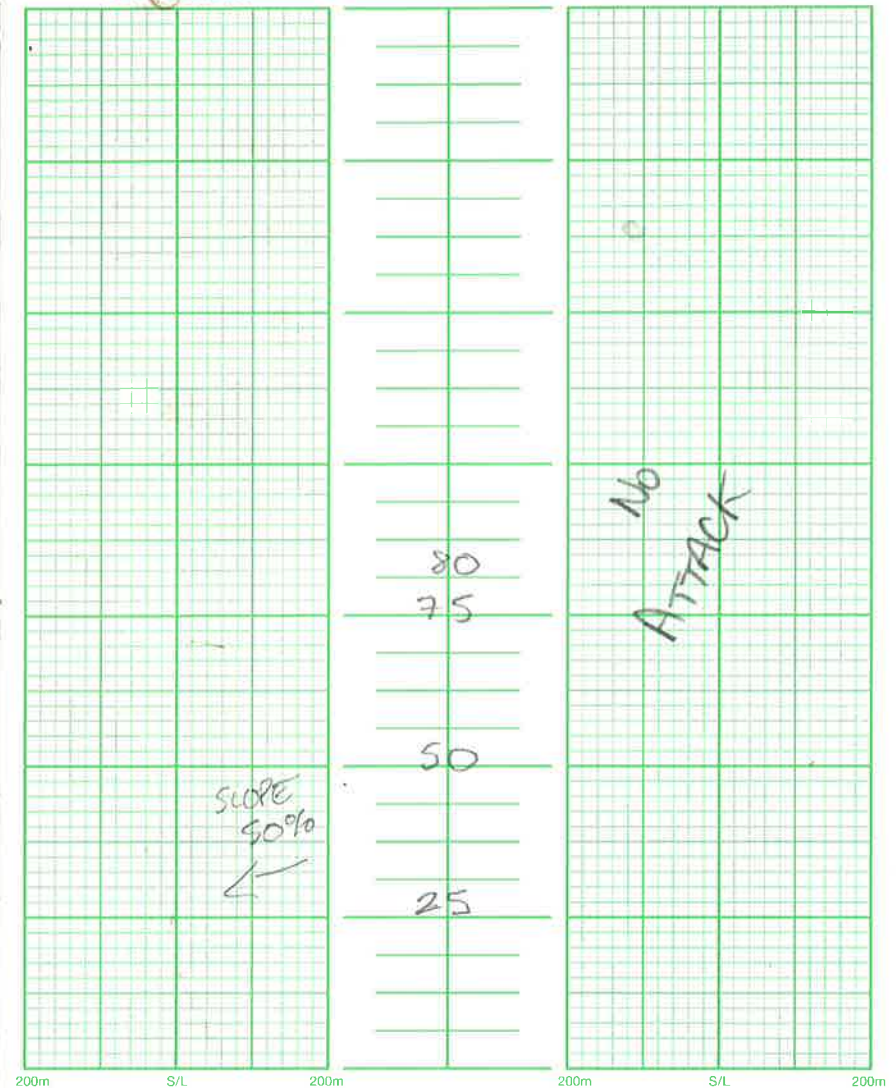
REMARKS:



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

8

### TIMBER TYPE



STRIP NO.: 8 P:495 DIRECTION: 183°  
START STRIP: 10 U 0586959 6118819  
JOB NO.: PROZ DATE: DEC 13  
CREW: J-T  
REMARKS:



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

STRIP NO.: 11 P:495      DIRECTION: 262°  
START STRIP: 10 U 0587059 6118643  
JOB NO.: PROZ      DATE: DEC 13  
CREW: J.T.  
REMARKS:



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

STRIP NO.: 10 P: 495      DIRECTION: 183°  
START STRIP: 10 U 0587062      6118711  
JOB NO.: PROZ      DATE: DEC 13  
CREW: J-T  
REMARKS:



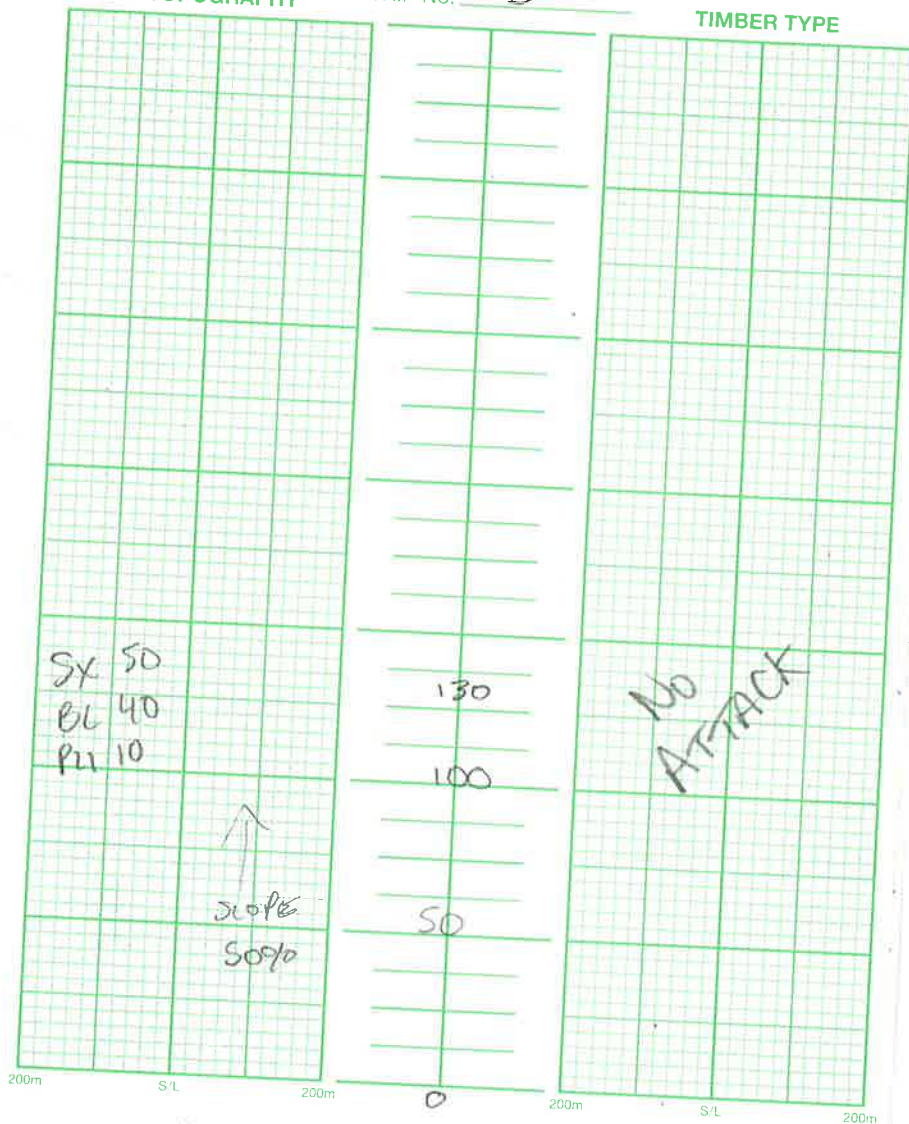
www.irisupplies.com  
Ph: 1-800-663-6843

## TOPOGRAPHY

STRIP No.

13

## TIMBER TYPE



STRIP NO.: 13 P:495  
 START STRIP: 10 U 0586948 6118541  
 JOB NO.: PROZ  
 CREW: J.T.  
 REMARKS:

DIRECTION:

80°

DATE:

Dec 13



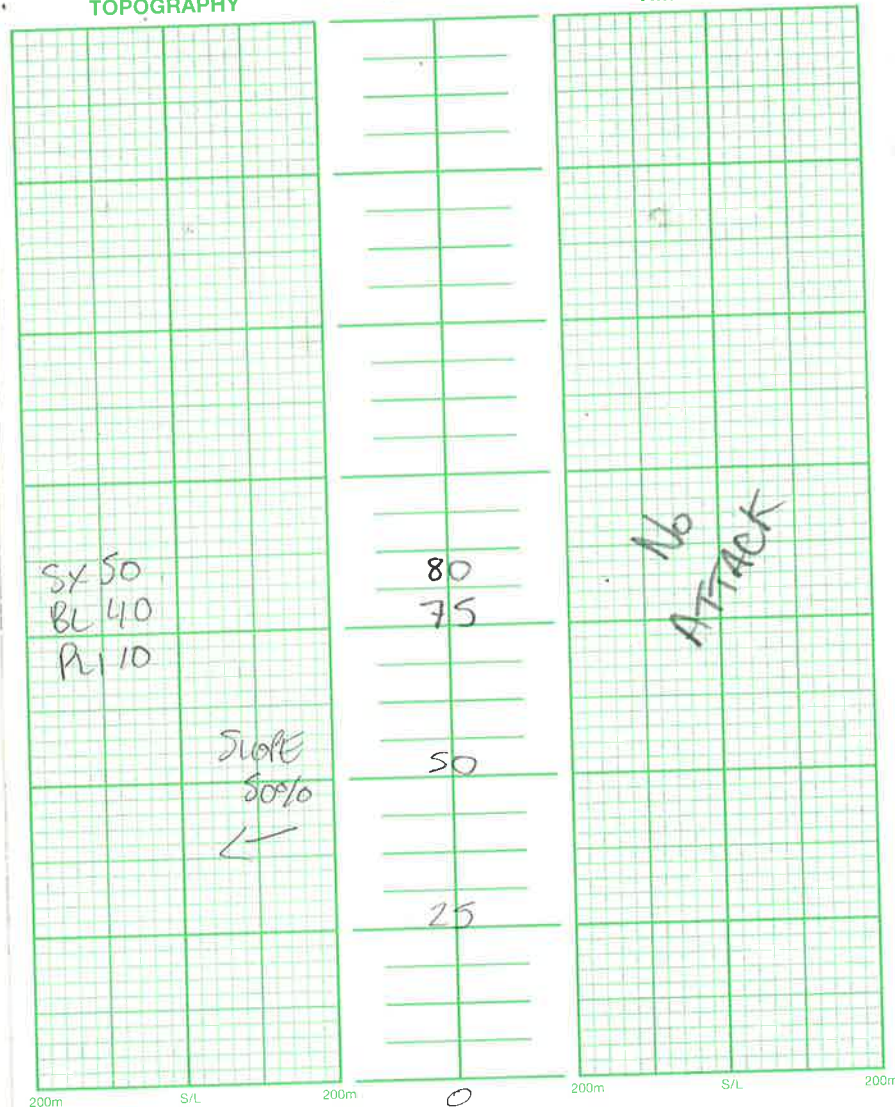
www.irlsupplies.com  
 Ph: 1-800-663-6843

## TOPOGRAPHY

STRIP No.

12

## TIMBER TYPE



STRIP NO.: 12 P:495  
 START STRIP: 10 U 0586957 6118622  
 JOB NO.: PROZ  
 CREW: J.T.  
 REMARKS:

DIRECTION:

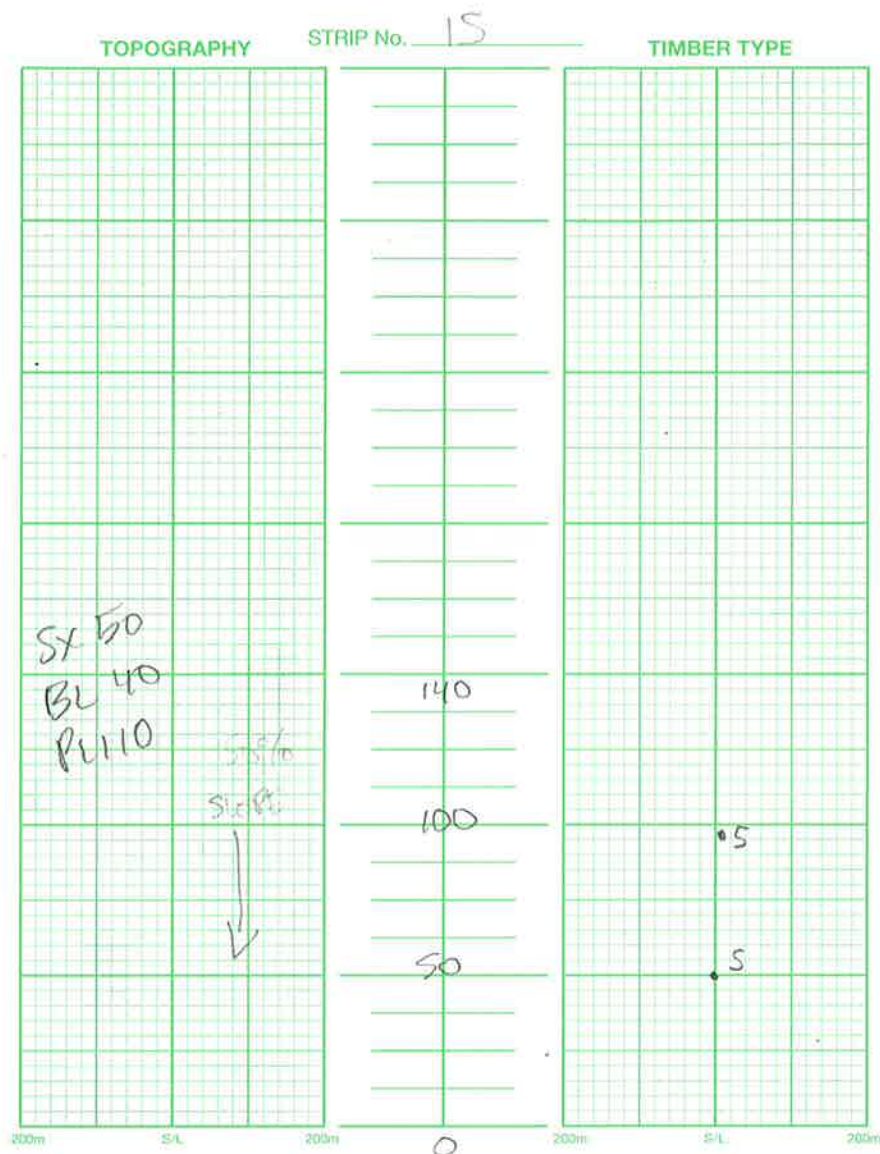
179°

DATE:

Dec 13



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

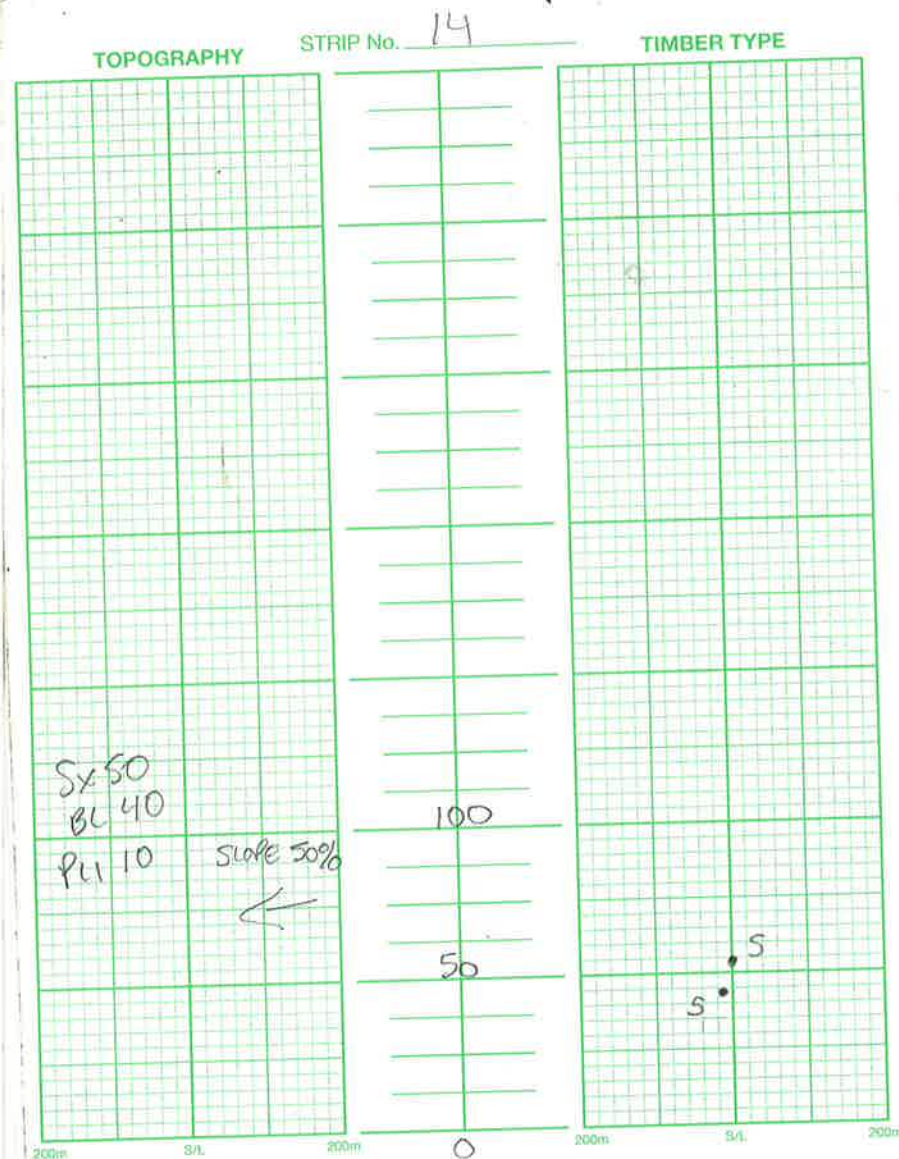


STRIP NO.: 15 P:495 DIRECTION: 262°  
 START STRIP: 10 U 0587070 6118465  
 JOB NO.: PROZ DATE: DEC 13  
 CREW: J-T

REMARKS:



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

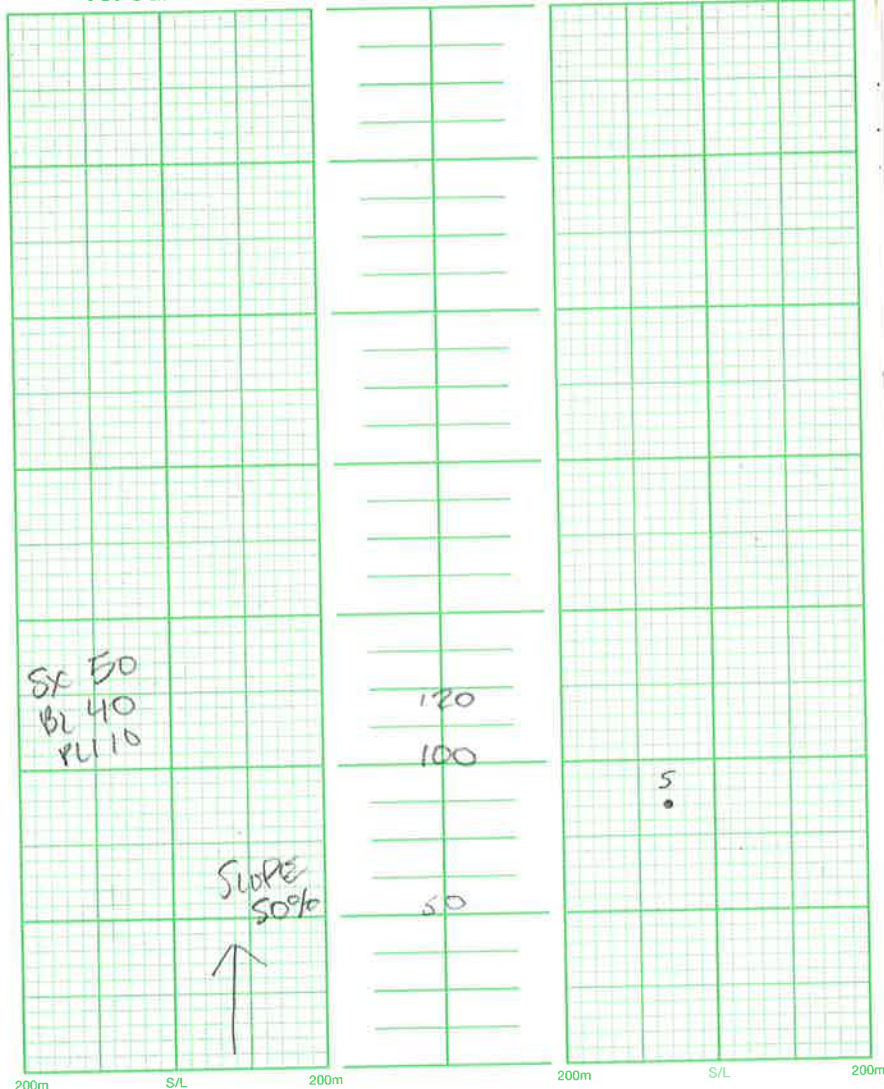


STRIP NO.: 14 P:495 DIRECTION: 184°  
 START STRIP: 10 U 0587071 6118554  
 JOB NO.: PROZ DATE: DEC 13  
 CREW: J-T

REMARKS:



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

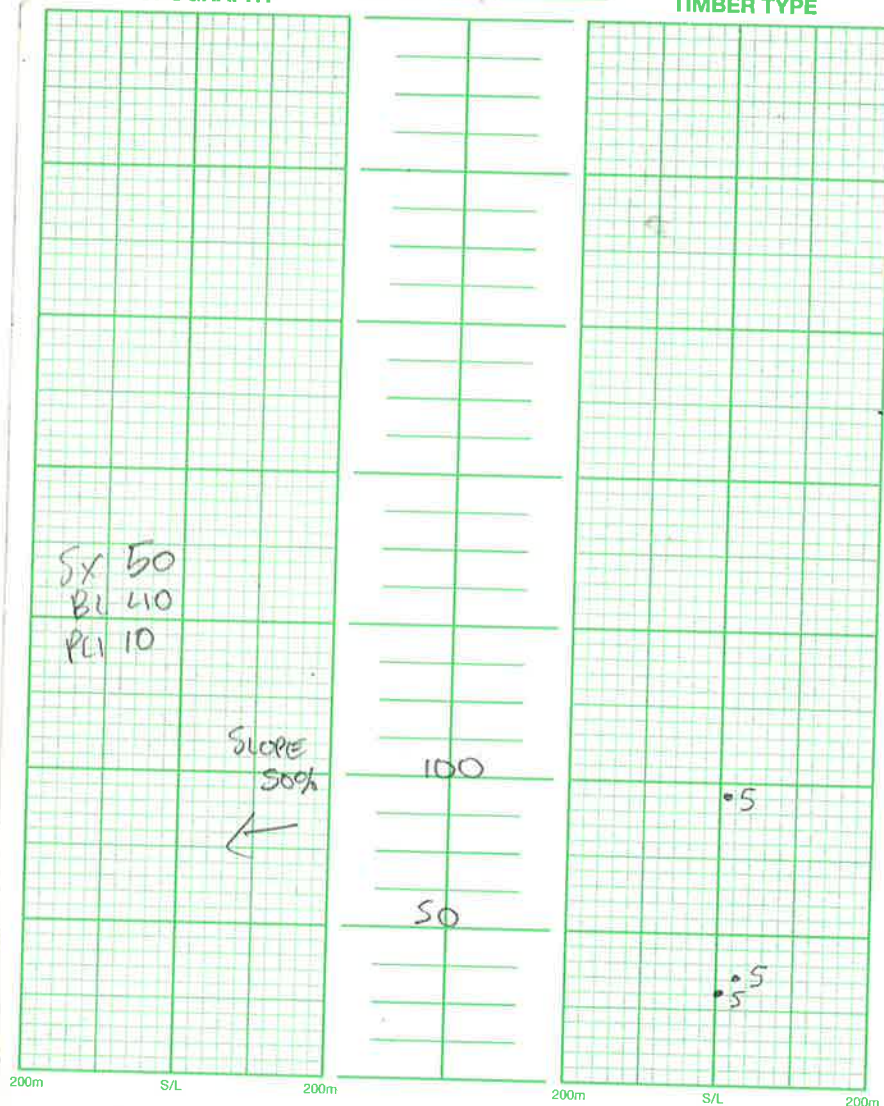
**TIMBER TYPE**

STRIP NO.: 17 P:495 DIRECTION: 83.5°  
START STRIP: 10 U 0586 913 6118368  
JOB NO.: PROZ DATE: DEC 13  
CREW: J.T.  
REMARKS:



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

### TIMBER TYPE



STRIP NO.: 16 P: 495 DIRECTION: 1930  
START STRIP: 10 U 0586941 6118455  
JOB NO.: PROZ DATE: DEC 13  
CREW: J.T  
REMARKS:



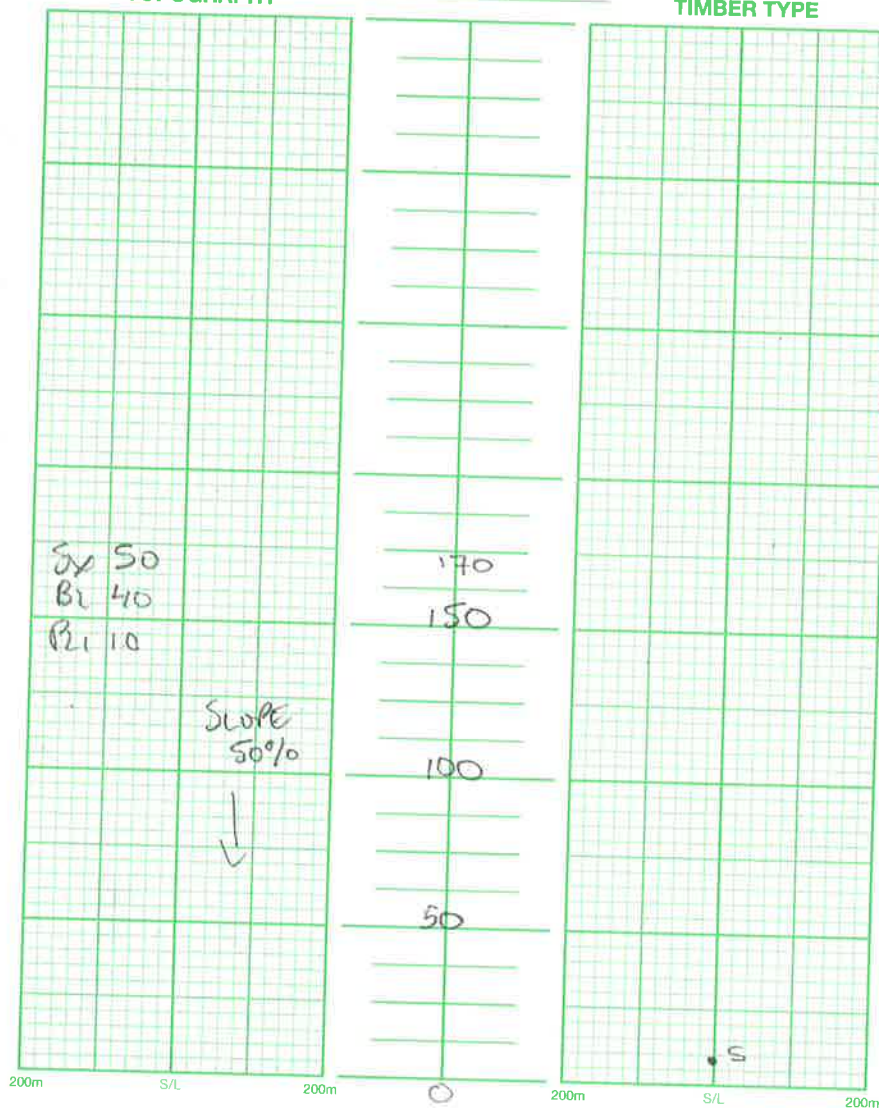
www.irlsupplies.com  
Ph: 1-800-663-6843

## TOPOGRAPHY

STRIP No.

19

## TIMBER TYPE



STRIP NO.: 19 P:495 DIRECTION: 259°  
 START STRIP: 10 U 0587017 6118281  
 JOB NO.: PRO2 DATE: DEC 13  
 CREW: J.T.  
 REMARKS:



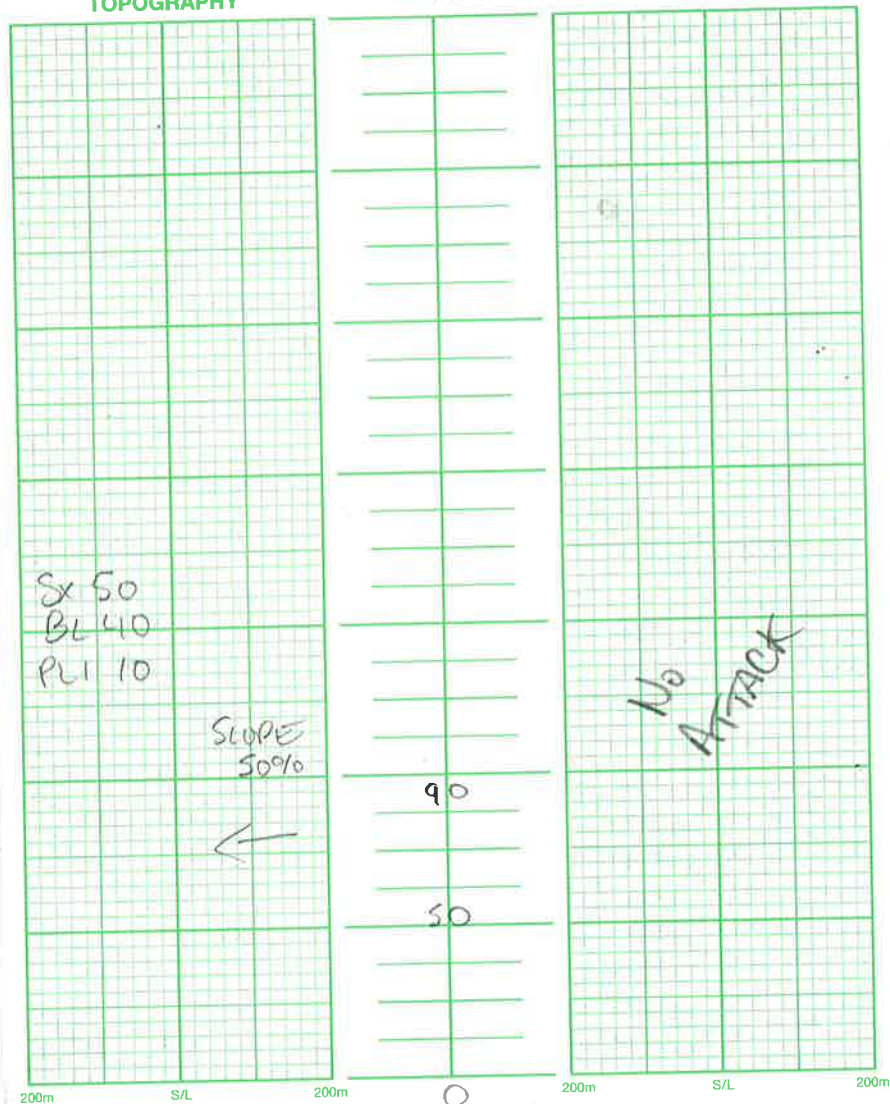
www.irlsupplies.com  
Ph: 1-800-663-6843

## TOPOGRAPHY

STRIP No.

18

## TIMBER TYPE



STRIP NO.: 18 P:495 DIRECTION: 184°  
 START STRIP: 10 U 0587026 6118379  
 JOB NO.: PRO2 DATE: DEC 13  
 CREW: J.T.  
 REMARKS:



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

TOPOGRAPHY STRIP No. 21

TIMBER TYPE

SX 50  
BL 40  
PL 10

Slope 50%

170  
150  
100  
50

No ATTACK

200m S/L 200m

STRIP NO.: 21 P: 495 DIRECTION: 85°

START STRIP: 10 U 0586861 6118140

JOB NO.: PROZ DATE: Dec 13

CREW: J.T

REMARKS:



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

TOPOGRAPHY STRIP No. 20

TIMBER TYPE

SX 50  
BL 40  
PL 10

Slope 50%

110  
100  
50

No ATTACK

200m S/L 200m

STRIP NO.: 20 P: 495 DIRECTION: 181°

START STRIP: 10 U 0586882 6118270

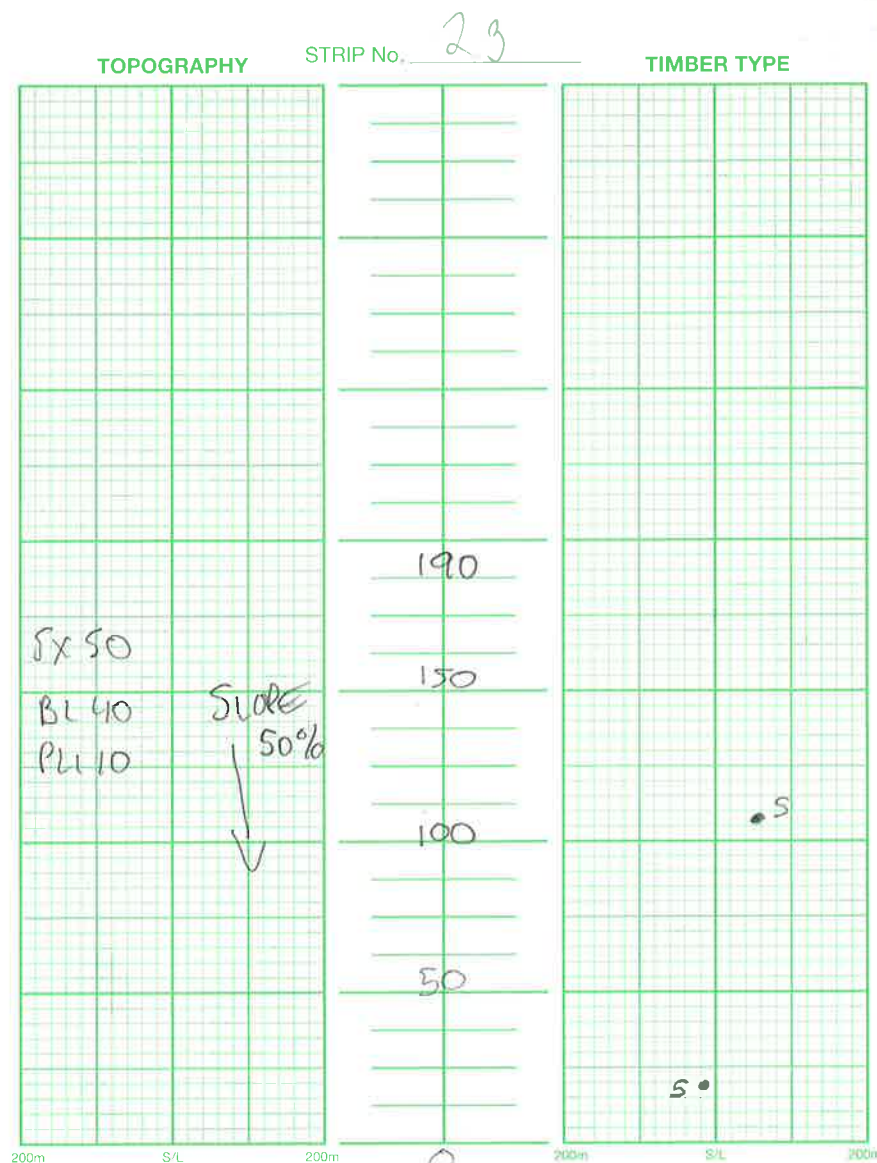
JOB NO.: PROZ DATE: Dec 13

CREW: J.T

REMARKS:



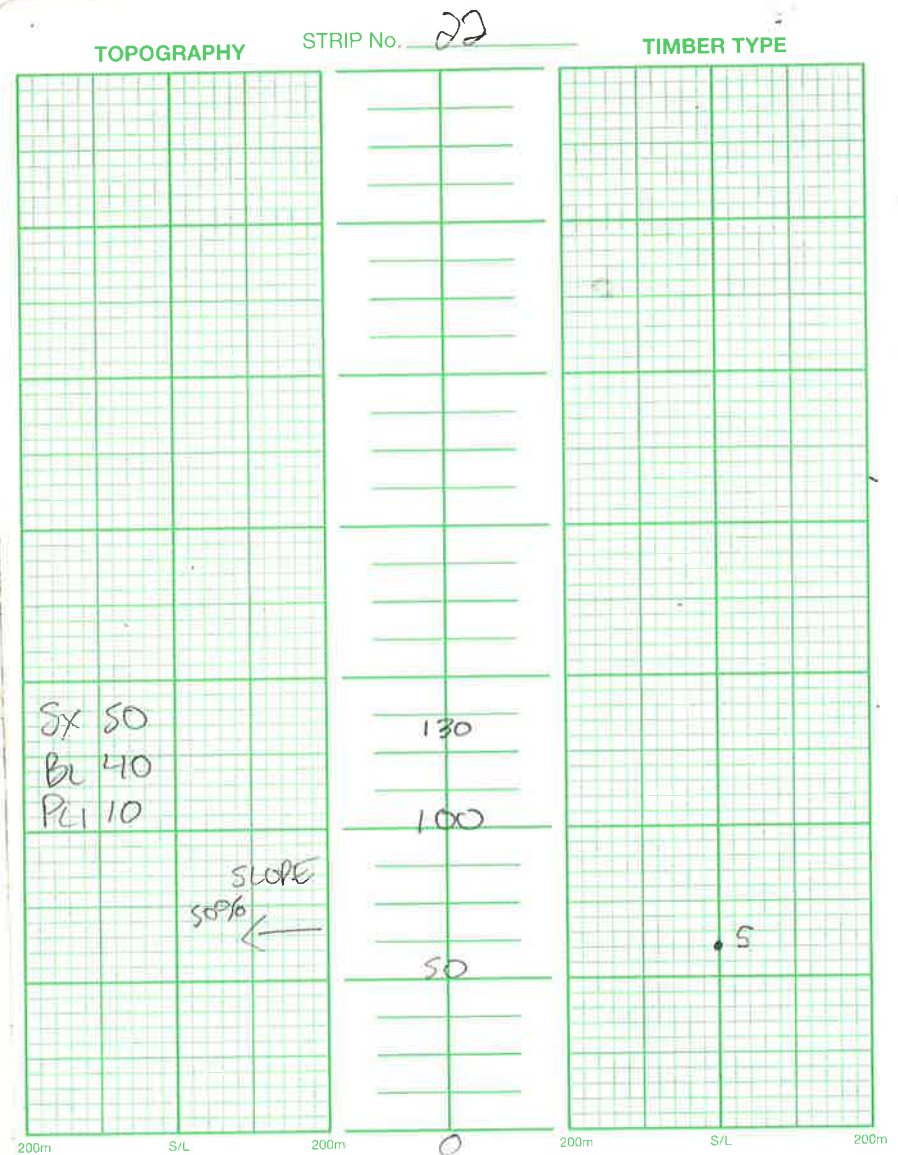
www.irlsupplies.com  
Ph: 1-800-663-6843



STRIP NO.: 23 P:495 DIRECTION: 262°  
 START STRIP: 10 U 0587017 6118043  
 JOB NO.: PROZ DATE: Dec 13  
 CREW: J-T  
 REMARKS:



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



STRIP NO.: 22 P:495 DIRECTION: 179°  
 START STRIP: 10 U 0587027 6118134  
 JOB NO.: PROZ DATE: Dec 13  
 CREW: JT  
 REMARKS:



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

## TOPOGRAPHY

STRIP No.

25

## TIMBER TYPE

|       |     |      |   |        |     |      |
|-------|-----|------|---|--------|-----|------|
| 200m  | S/L | 200m | 0 | 200m   | S/L | 200m |
| SX 50 |     | 180  |   | No     |     |      |
| BL 40 |     | 150  |   | ATTACK |     |      |
| PU 10 |     | 100  |   |        |     |      |
| FLAT  |     | 50   |   |        |     |      |

STRIP NO.:

25 P:495

DIRECTION:

330°

START STRIP:

10 U 0586845 6118118

JOB NO.:

PRO2

DATE:

DEC 13

CREW:

J.T

REMARKS:



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

## TOPOGRAPHY

STRIP No.

24

## TIMBER TYPE

|       |     |      |   |        |     |      |
|-------|-----|------|---|--------|-----|------|
| 200m  | S/L | 200m | 0 | 200m   | S/L | 200m |
| SX 50 |     | 90   |   | No     |     |      |
| BL 40 |     | 50   |   | ATTACK |     |      |
| PU 10 |     |      |   |        |     |      |
| FLAT  |     |      |   |        |     |      |

STRIP NO.:

24 P:495

DIRECTION:

357°

START STRIP:

10 U 0586849 6118026

JOB NO.:

PRO2

DATE:

DEC 13

CREW:

J.T

REMARKS:

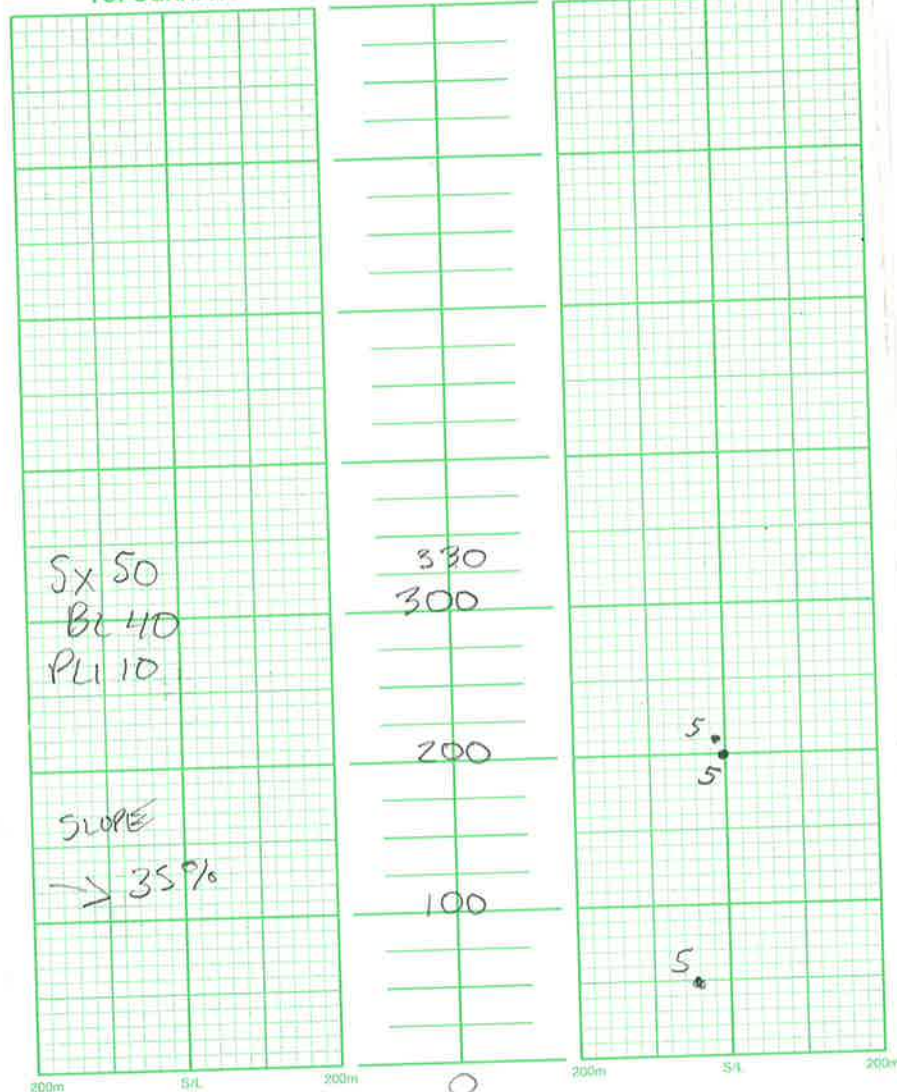


www.irisupplies.com  
Ph: 1-800-663-6843

## TOPOGRAPHY

STRIP No. 27

## TIMBER TYPE



STRIP NO.: 27 P:495 DIRECTION: 50°  
 START STRIP: 10 U 0586893 6118418  
 JOB NO.: PROZ DATE: DEC 13  
 CREW: J.T.  
 REMARKS:

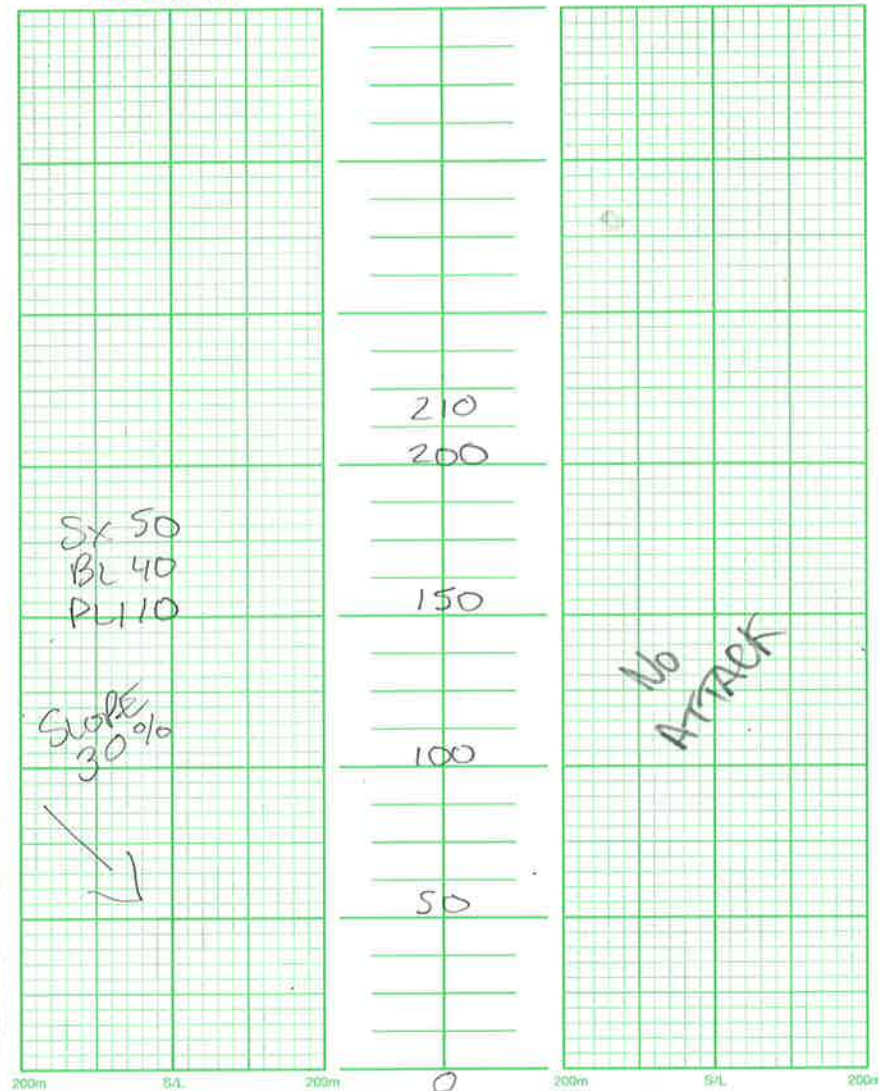


www.irisupplies.com  
 Ph: 1-800-663-6843

## TOPOGRAPHY

STRIP No. 26

## TIMBER TYPE



STRIP NO.: 26 P:495 DIRECTION: 45°  
 START STRIP: 10 U 0586752 6118277  
 JOB NO.: PROZ DATE: DEC 13  
 CREW: J.T.  
 REMARKS:

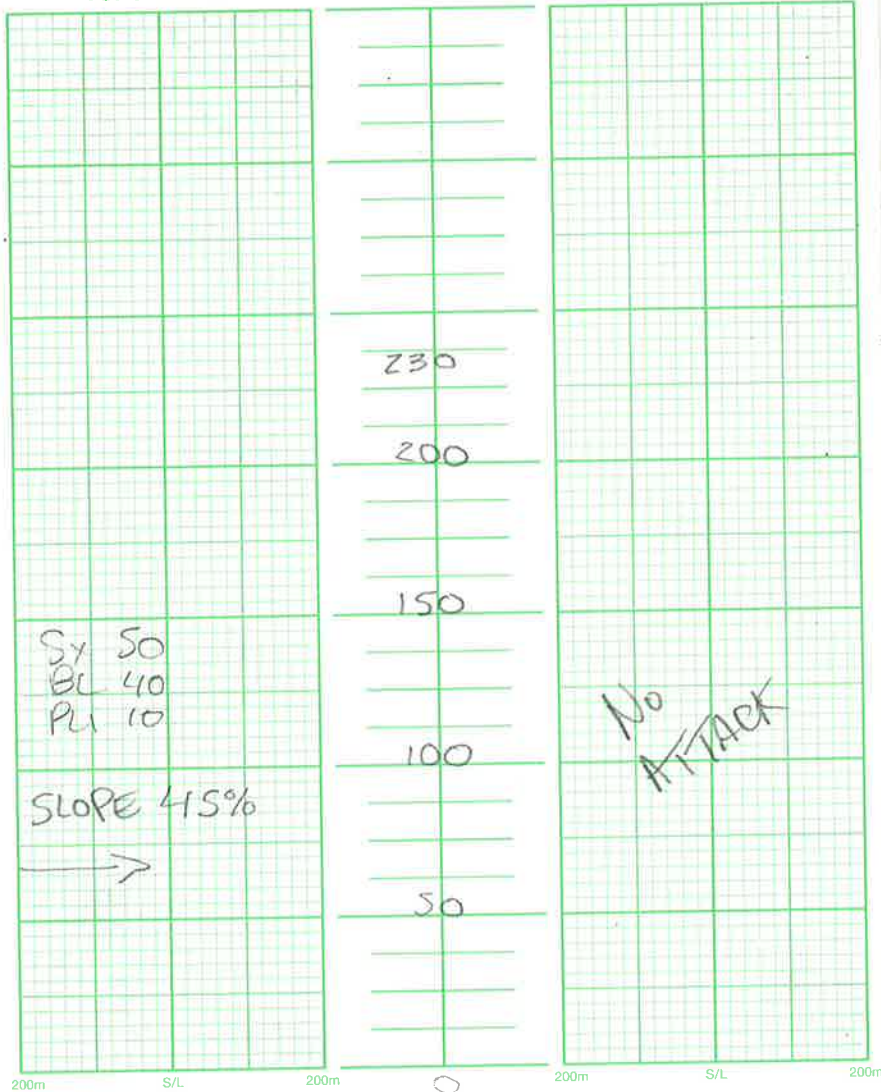


www.irisupplies.com  
 Ph: 1-800-663-6843

## TOPOGRAPHY

STRIP No. 29

## TIMBER TYPE



STRIP NO.: 29 P:495 DIRECTION: 340°  
 START STRIP: 10 U 0586719 6118922  
 JOB NO.: PROZ DATE: DEC 13  
 CREW: J-T  
 REMARKS:

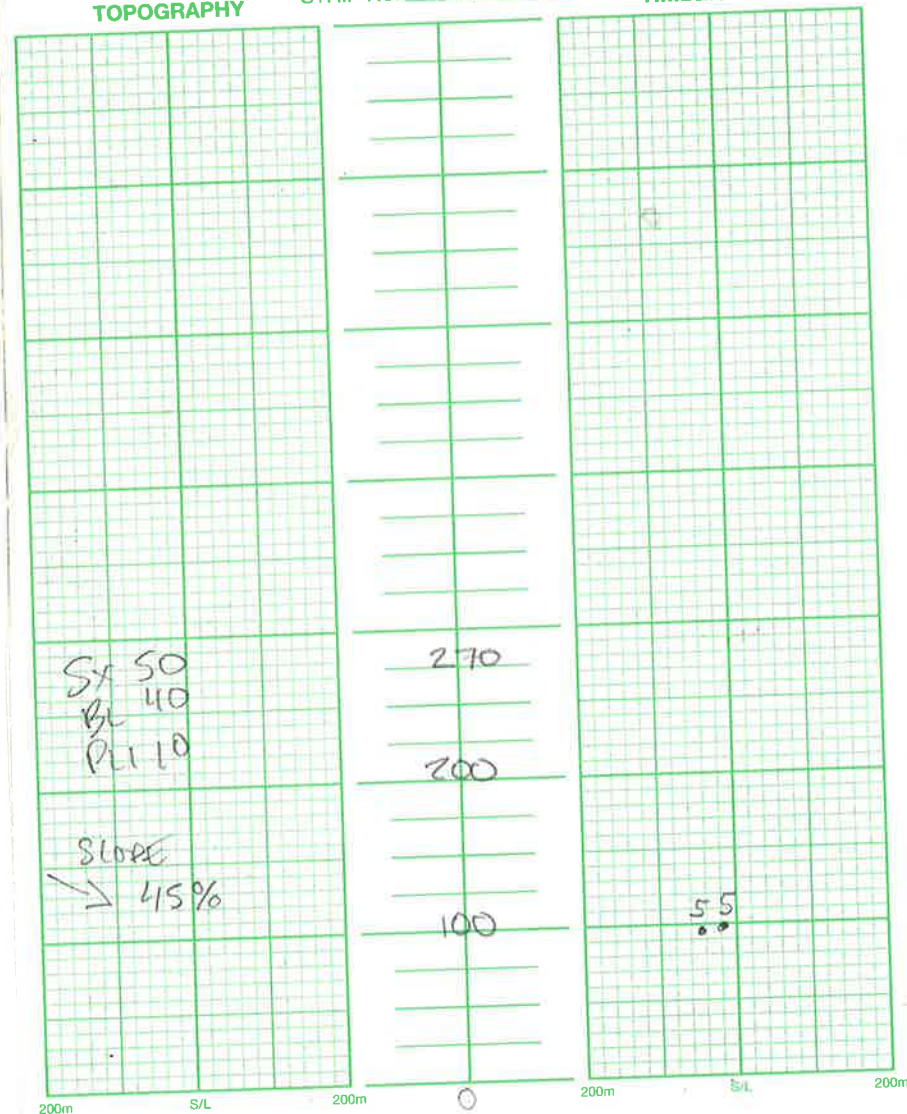


www.irlsupplies.com  
Ph: 1-800-663-6843

## TOPOGRAPHY

STRIP No. 18

## TIMBER TYPE



STRIP NO.: 28 P:495 DIRECTION: 309°  
 START STRIP: 10 U 0586911 6118743  
 JOB NO.: PROZ DATE: DEC 13  
 CREW: J-T  
 REMARKS:



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

TOPOGRAPHY

STRIP No. 30

TIMBER TYPE

|                         |                |                |             |  |
|-------------------------|----------------|----------------|-------------|--|
| Sx 50<br>BL 40<br>PL 10 | SLOPE<br>> 40% | 190 POT<br>100 | 5<br>5<br>5 |  |
|                         |                |                |             |  |
|                         |                |                |             |  |
|                         |                |                |             |  |
|                         |                |                |             |  |
|                         |                |                |             |  |
|                         |                |                |             |  |
|                         |                |                |             |  |
|                         |                |                |             |  |
|                         |                |                |             |  |

STRIP NO.: 30 P: 495  
 START STRIP: 10 U 0586636 6119131  
 JOB NO.: PRO2  
 CREW: J.T.  
 DATE: DEC 13

REMARKS:



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