

CENTRAL MAPPING AUTHORITY  
Department of Lands

Trigonometrical Survey of N.S.W.

RECONNAISSANCE and MAINTENANCE REPORT

STATION ROYAL GS TS  
6440  
3973

Co: Gresham Ph: Marava  
Map Sheet: GRAFTON No: 9438  
Inspected by: A. Sivertsen Date: 27-10-77  
Authority: C M A Field Book: ~

This Trig. Station has been:-

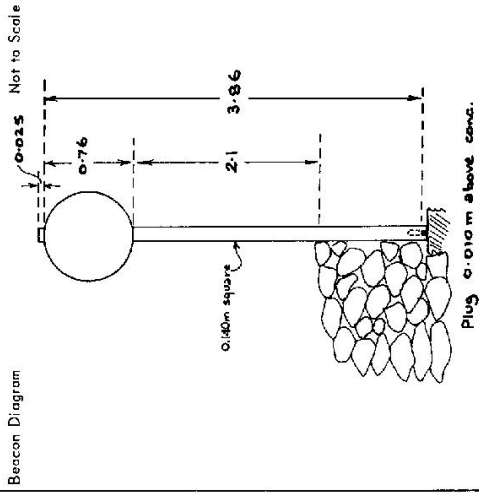
Note: Cross out word or words which do not apply

1. ~~Completely cleared to permit 360° vision to surrounding trig.~~
  2. Cleared by lanes bearing 64.74 / 261-267 / 290-305°m from Trig. Mast
  3. Trig. Mast & Vanes have been painted white & black respectively. ✓
  4. The Trig. was unpiled/~~not supplied~~, dimensions now being: ~~Original~~
- Description of mark... Trig. Plug in conc. should be explicit, e.g. Steel plug, Brass plug, Bolt, G.I. Pipe
- Height of mark... 0.010 m above ~~mark~~/concrete ~~mark~~ G.L.
- Height of Top Vanes to Top Mark 3.86 m Diameter of Vanes (vertical) 0.76 m.
- Height of Cairn 1.0 m Diameter of Cairn 2.0 m.
- Length of Mast 3.87 m. (approximate if not unpiled)

5. A. ~~set in conc/rock has been placed~~ m. bearing ~~°M~~ from Trig. Mast
  6. A. ~~set in conc/soil has been placed~~ m. bearing ~~°M~~ from Trig. Mast
  7. A. ~~set in conc/soil has been placed~~ m. bearing ~~°M~~ from Trig. Mast
  8. A. ~~set in conc/rock has been placed~~ m. bearing ~~°M~~ from Trig. Mast
9. Connection to m. bearing °M Note: SSM & G.I. Pipe found in good condition.
10. Connection to m. bearing °M
11. Connection to m. bearing °M
12. Connection to m. bearing °M
13. Diff. Ht. is m. above below
14. Diff. Ht. is m. above below
15. Diff. Ht. is m. above below
16. Diff. Ht. is m. above below

Prepared by: *[Signature]* Checked:

Noted on U.T.M. Card



Date	Record of Station

Checked



CENTRAL MAPPING AUTHORITY

GEODETIC SURVEY OF N.S.W.

GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

Description: 26.4° - 27.1 M / Note: Cross out word or words which do not apply

1. Cleared by lanes bearing 26.4° - 27.1 M - 291° - 306.9 M - 330° - 349 M from Trig. Mast

2. Mast & Vanes have been painted white & black respectively. ✓

3. The station/~~pit~~ ~~was~~ ~~not~~ ~~unpiled~~ ~~on~~..... 19....., dimensions now being:

Description of mark..... should be explicit, e.g., S/Steel Pillar Plate, Steel plug, Brass plug, Bolt, G.I. Pipe

Height of mark..... m. <sup>above</sup> rock/concrete; Mark is..... m. <sup>above</sup> G.L.

Height of Top Vanes to ~~Top of Mast~~ <sup>Rock</sup>..... m. 3.73.0 Diameter of Vanes (vertical) 0.160.0 m.

Height of Cairn..... m. Diameter of Cairn..... m. Name Plate ~~found~~ ~~placed~~.

Length of Mast..... m. (approximate if not unpiled)

4. A..... S. S. M. .... set in ~~conc~~ <sup>Rock</sup> ~~found~~ ~~placed~~, bearing 6.5° M from Mast/~~Plug~~/~~Pillar~~

5. A..... G.I. pipe..... set in ~~conc~~ ~~found~~ ~~placed~~, bearing 18.1° M from Mast/~~Plug~~/~~Pillar~~

6. A..... set in conc/rock has been placed/~~found~~, bearing.....° M from Mast/~~Plug~~/~~Pillar~~

7. A..... set in conc/rock has been placed/~~found~~, bearing.....° M from Mast/~~Plug~~/~~Pillar~~

8. Action required:.....

STANDPOINT:

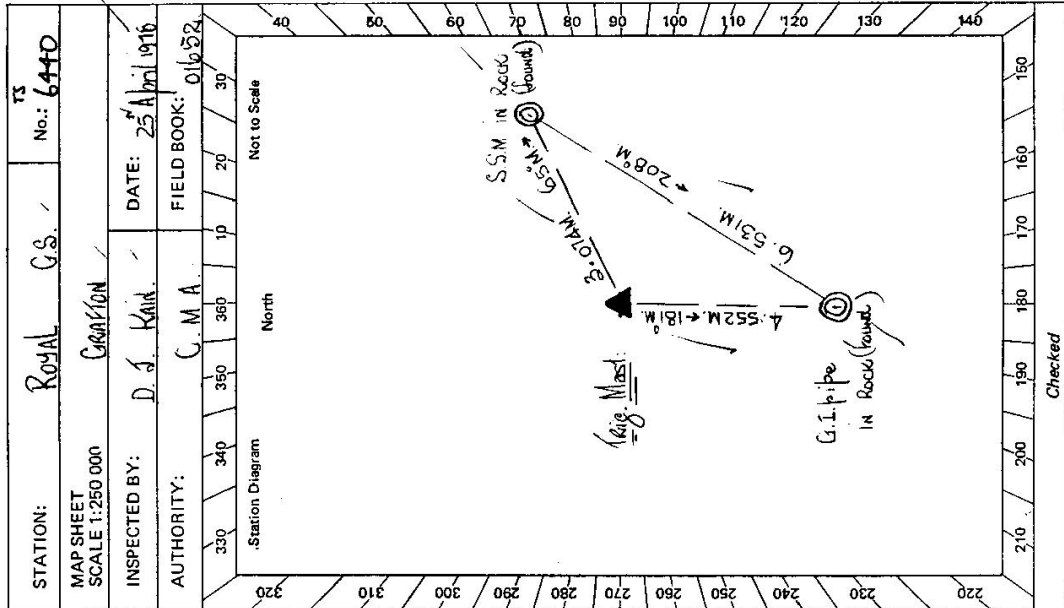
Mark	Direction	Horiz. Distance	Height Difference	Mark	Direction	Horiz. Distance	Height Difference
			above standpt.				above standpt.
			below				below
			above standpt.				above standpt.
			below				below
			above standpt.				above standpt.
			below				below
			above standpt.				above standpt.
			below				below
			above standpt.				above standpt.
			below				below

Prepared by:

Checked:

Noted on U.T.M. Card

St 2733-1



Checked

G:

2733-2 D. West, Government Printer

STATION Royal G.S. TS 6440	Owner's Name: <u>CROWN FOREST LAND</u> Address: <u>Geopon Office</u> Phone: ..... Current Occupant: ..... Address: ..... Phone: .....	ACCESS Access Report of 27.10.19.77 was found suitable/ <del>unsuitable</del> . Mr. A. Sivertsen's Access dated 27.10.1977 is still suitable.  This station was visited with aim of placing concrete observation pillar however it is not possible to drive a vehicle onto this station.	
Beacon Diagram 			
This section to be completed by officer constructing pillar.			
Original station mark found/not found.			
Description of mark: .....			
Original beacon found/not found.			
Description of beacon: .....			
Height Top of Vanes to Top Mark.....m.			
Height of mark.....m. above G.L. below			
Diameter of Vanes .....m. Height of Cairn .....m.			
Original Beacon has/has not been destroyed by me.			

Date

Record of Station

11

STATION: ROYAL GS  
 MAP SHEET SCALE 1:250 000  
 INSPECTED BY: G Jones  
 AUTHORITY: C.M.A.  
 DATE: 15-8-79  
 FIELD BOOK: \_\_\_\_\_

GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

Description: \_\_\_\_\_  
 Note: Cross out word or words which do not apply

1. Cleared by lanes bearing..... See Diagram from Trig. Mast

2. Mast & Vanes have been painted white & black respectively.

3. The station/pillar was unpiled/not unpiled/constructed-en..... 19..... dimensions now being: \_\_\_\_\_ should be explicit, e.g., S/Steel Pillar Plate, Steel plug, Brass plug, Bolt, G.I. Pipe

Description of mark..... above below rock/concrete; Mark is..... above G.L. below

Height of Top Vanes to Top Mark/Pillar plate .....m. Diameter of Vanes (vertical).....m.

Height of Cairn.....m. Diameter of Cairn.....m. Name Plate found/not found/placed.

Length of Mast .....m. (approximate if not unpiled) 18D

4. A. G.I. Pipe..... set in conc/reek has been placed/found, bearing.....° M from Mast/Plug/Pillar 4.529m

5. A. S.S.M..... set in conc/reek has been placed/found, bearing.....° M from Mast/Plug/Pillar 3.109m

6. A..... set in conc/rock has been placed/found, bearing.....° M from Mast/Plug/Pillar

7. A..... set in conc/rock has been placed/found, bearing.....° M from Mast/Plug/Pillar

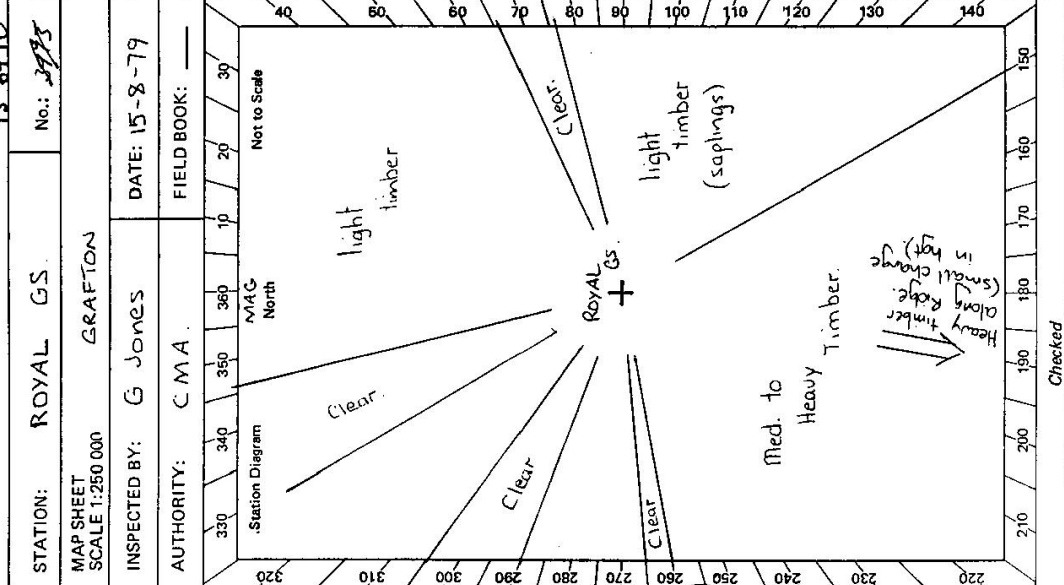
8. Action required: Clearing of connections (2-3 days) feasible. Pillar ready

STANDPOINT: To be cleared to the following: STANDPOINT: (Maybe a road could be made)

Mark	Direction	Horiz. Distance	Height Difference	Mark	Direction	Horiz. Distance	Height Difference
ROCKVIEW	Vert		above standpt	NULLAMA	Vert		above standpt
MARTIN	EDM		above standpt	URAJIA	Vert		below standpt
GEORGES KNOB	Vert		above standpt	BLACKHOLE	Vert		below standpt
LOFTY	Vert		above standpt	CUNGLE BUNG	Vert		above standpt
CLOUDS	Vert		above standpt	N Y M B O I	Vert		below standpt
SHEA	Vert		above standpt				below standpt
CHANDLERS	EDM		above standpt				below standpt

Prepared by: G Jones  
 Checked: WJ 25/9/79  
 Noted on U.T.M. Card

SR 2733-1



Checked

GS

SI 2723-2 D. West. Government Printer

STATION	ROYAL GS	TS 6440																																										
Owner's Name: <u>Forestry Commission</u>	Current Occupant: .....																																											
Address: <u>Grafton</u>	Address: .....																																											
Phone: .....	Phone: <u>15-8-1474</u>																																											
	ACCESS																																											
	Permisson for clearing given by <u>Grafton Forestry (file 55/47)</u>																																											
	& pillaring																																											
	Access Report of <u>27.10.1977</u> was found <u>unsuitable/unsuitable</u> .																																											
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width: 10%;">km.</th> <th style="width: 90%;">Description</th> </tr> <tr> <td>0-0</td> <td>Cow Hs Crossing P.O. Travel towards Armadale.</td> </tr> <tr> <td>27.4</td> <td>Bridge over Nymboida River</td> </tr> <tr> <td>27.8</td> <td>Turn right, Sign "Boundary Creek 9"</td> </tr> <tr> <td>28.8</td> <td>Turn left, Sign "Boundary Creek Forest Rd"</td> </tr> <tr> <td>38.6</td> <td>Bridge and Grid.</td> </tr> <tr> <td>40.9</td> <td>Take right fork, Crossroad "Bindia Rd"</td> </tr> <tr> <td>42.4</td> <td>Straight ahead, Crossroad "Fig tree Rd"</td> </tr> <tr> <td></td> <td>Cross creeks, 44.1, 45.0</td> </tr> <tr> <td>46.25</td> <td>Straight ahead, Crossroad "Acacia Rd"</td> </tr> <tr> <td>47.15</td> <td>" " " " "Dungel Rd"</td> </tr> <tr> <td>49.2</td> <td>Straight ahead, "Chandlers trail" off to left.</td> </tr> <tr> <td>49.8</td> <td>Straight ahead, "Casurina Rd" off to right.</td> </tr> <tr> <td>51.05</td> <td>" " " " "Sideraphloia Rd" off to left.</td> </tr> <tr> <td>51.3</td> <td>" " " " "Syncharpia Rd"</td> </tr> <tr> <td>52.7</td> <td>Follow road around to the left. Sign in front says "Syncharpia Rd"</td> </tr> <tr> <td>53.6</td> <td>Take right fork, Sign to right "Propingua Rd"</td> </tr> <tr> <td>54.0</td> <td>Take left fork, Sign to right "New Valley Rd"</td> </tr> <tr> <td>54.6</td> <td>Turn left off forest road at cleared area. (future log dump), and follow dozed track up RHS of ridge to top.</td> </tr> <tr> <td>55.2</td> <td>At top of ridge swing to the right and drive along ridge to the east as far as possible.</td> </tr> <tr> <td>55.6</td> <td>Stop truck and walk in easterly direction along ridge to trig. 15 min easy walk without load.</td> </tr> </table>	km.	Description	0-0	Cow Hs Crossing P.O. Travel towards Armadale.	27.4	Bridge over Nymboida River	27.8	Turn right, Sign "Boundary Creek 9"	28.8	Turn left, Sign "Boundary Creek Forest Rd"	38.6	Bridge and Grid.	40.9	Take right fork, Crossroad "Bindia Rd"	42.4	Straight ahead, Crossroad "Fig tree Rd"		Cross creeks, 44.1, 45.0	46.25	Straight ahead, Crossroad "Acacia Rd"	47.15	" " " " "Dungel Rd"	49.2	Straight ahead, "Chandlers trail" off to left.	49.8	Straight ahead, "Casurina Rd" off to right.	51.05	" " " " "Sideraphloia Rd" off to left.	51.3	" " " " "Syncharpia Rd"	52.7	Follow road around to the left. Sign in front says "Syncharpia Rd"	53.6	Take right fork, Sign to right "Propingua Rd"	54.0	Take left fork, Sign to right "New Valley Rd"	54.6	Turn left off forest road at cleared area. (future log dump), and follow dozed track up RHS of ridge to top.	55.2	At top of ridge swing to the right and drive along ridge to the east as far as possible.	55.6	Stop truck and walk in easterly direction along ridge to trig. 15 min easy walk without load.	<p style="text-align: center;">NB! Dozed track, 54.6 → 55.2 may be difficult in wet weather.</p>	
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<p>This section to be completed by officer constructing pillar.</p> <p>Original station mark found/not found. ....</p> <p>Description of mark: .....</p> <p>Original beacon found/not found. ....</p> <p>Description of beacon: .....</p> <p>Height Top of Vanes to Top Mark.....m.</p> <p>Height of mark.....m. above rock/conc.....m. below G.L.</p> <p>Diameter of Vanes .....m. Height of Cairn .....m.</p> <p>Original Beacon has/has not been destroyed by me.</p>		<p>Date</p> <p>Record of Station</p>																																										

CENTRAL MAPPING AUTHORITY

GEODETTIC SURVEY OF N.S.H.  
GEODETTIC STATION RECONNAISSANCE AND MAINTENANCE REPORT

Description:

1. Cleared by lanes bearing  $261^{\circ} 08' M$ ,  $271^{\circ} 11' M$ ,  $283^{\circ} 34' M$ ,  $294^{\circ} 21' M$  from Trig. Mast Pillar.   
 *Note: Cross out word or words which do not apply.*
2. Mast & Vanes have been painted white & black respectively. ✓
3. The station/pillar was ~~reconstructed~~ constructed on 17 September 1979, dimensions now being:   
 Description of mark: Steel Pillar should be explicit, e.g., S/Steel Pillar Plate, Steel plug, Brass plug, Bolt, G.I. Pipe   
 Height of mark: 3.60 m. above ~~bank~~ concrete; Mark is 1.460 m. above G.L.   
 Height of Top Vanes to Top ~~bank~~ Pillar plate 1.319 m. Diameter of Vanes (vertical) 0.150 m.   
 Height of Cairn: 0 m. Diameter of Cairn: 0 m. Name Plate ~~not present~~ placed.   
 Length of Mast 1.480 m. (~~appropriate if not omitted~~)
4. A. Brongze Pin set in conc/~~bank~~ has been ~~placed~~ found, bearing 157° M from ~~bank~~ plug /Pillar
5. A. S.S.M. set in ~~conc~~ /rock has been ~~placed~~ found, bearing 98° M from ~~bank~~ plug /Pillar
6. A. G.I. pipe set in ~~conc~~ /rock has been ~~placed~~ found, bearing 166° M from ~~bank~~ plug /Pillar
7. A. 0 set in conc/rock has been placed/found, bearing 0° M from Mast/Plug/Pillar
8. Action required: 0

STANDPOINT: Concrete Observation (Pillar)      STANDPOINT: Brongze Trig. Pin

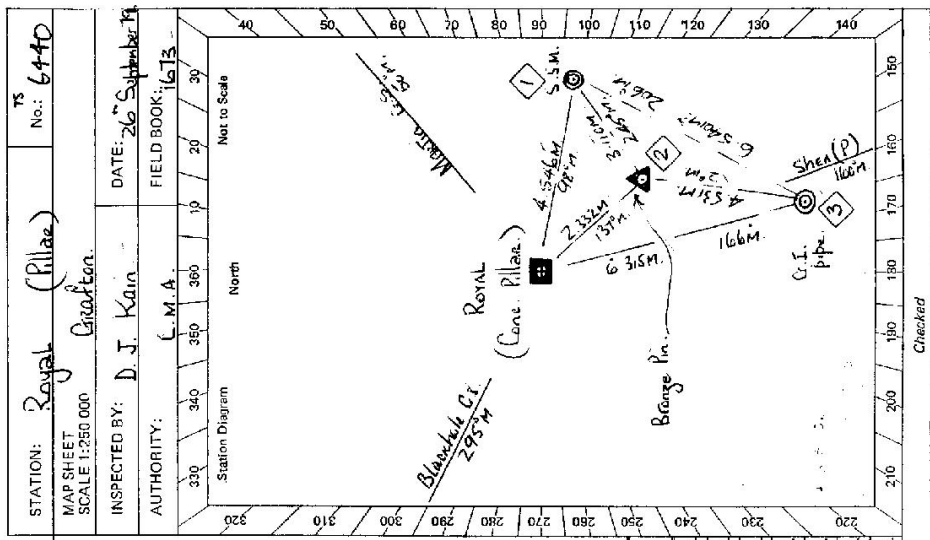
Mark	Direction	Horiz. Distance	Height Difference	Mark	Direction	Horiz. Distance	Height Difference
Mastin G.S.	$0^{\circ} 00' 00''$		above standpt. below	Blackhole G.S.	$0^{\circ} 00' 00''$		above standpt. below
S.S.M.	$37^{\circ} 36' 13.5''$	4.546	1.482	Conc. obs. pillar	$13^{\circ} 28' 16.5''$	2.331	1.696
Trig. Plug	$76^{\circ} 40' 29.5''$	2.332	1.694	Mastin G.S.	$116^{\circ} 46' 35.5''$		above standpt. below
Shears (P)	$108^{\circ} 27' 13''$		above standpt. below	S.S.M.	$126^{\circ} 01' 24.5''$	3.110	2.14
G.I. pipe	$109^{\circ} 24' 11.5''$	6.315	1.233	Shears (P)	$225^{\circ} 14' 46.5''$		above standpt. below
Blackhole G.S.	$243^{\circ} 12' 23''$		above standpt. below	G.I. pipe	$242^{\circ} 14' 17.5''$	4.531	4.63

Prepared by:

Checked:

ST 27333-1

Noted on U.T.M. Card



STATION: Royal (Pillar)      TS No.: 6440

MAP SHEET SCALE 1:250 000

INSPECTED BY: D. J. Kain      DATE: 26 September 1979

AUTHORITY: C.M.A.      FIELD BOOK: 1673

Station Diagram      North

Not to Scale

Checked

GS 24

STATION <b>ROYAL (Pillar) TS 6440</b>	Owner's Name: <b>Forestry Commission</b> Address: <b>Forestry Commission</b> Phone: ..... Current Occupant: ..... Address: ..... Phone: ..... ACCESS Access Report of <b>15/1/19</b> was found suitable. <b>Access to this station now achievable.</b> Access of <b>15<sup>th</sup> August 1979</b> still applicable however at <b>55.6 kilometres</b> in small saddle, continue along rough, rocky low range trail along main ridge <b>eastwardly</b> to concrete observation pillar at <b>56.30 kilometres</b> . Dry weather access to this station only.
Beacon Diagram 	This section to be completed by officer constructing pillar. Original station mark found/..... Description of mark: <b>Orange pin</b> Original beacon found/..... Description of beacon: <b>Rocky Cairn of discs</b> Height Top of Vanes to Top Mark: <b>3.845</b> m. Height of mark: <b>0.15</b> m. above G.L. / <b>2.69</b> m. below G.L. Diameter of Vanes: <b>1.60</b> m. / Height of Cairn: <b>8.20</b> m. Original Beacon has <del>been</del> been destroyed by me.
Date	Record of Station

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CENTRAL MAPPING AUTHORITY

GEODETIC SURVEY OF N.S.W.

GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

Description:

1. Cleared by Janes bearing..... Note: Cross out word or words which do not apply from Trig. Mast

2. Mast & Vanes have been painted white & black respectively.

3. The station/pillar was unpiled/not unpiled/constructed on..... 19....., dimensions now being:

Description of mark..... should be explicit, e.g., S/Steel Pillar Plate, Steel plug, Brass plug, Bolt, G.I. Pipe

Height of mark.....m. <sup>above</sup>/<sub>below</sub> rock/concrete; Mark is.....m. <sup>above</sup>/<sub>below</sub> G.L.

Height of Top Vanes to Top Mark/Pillar plate.....m. Diameter of Vanes (vertical).....m.

Height of Cairn.....m. Diameter of Cairn.....m. Name Plate found/~~not found~~/placed.

Length of Mast.....m. (approximate if not unpiled) ~~Copper nail placed on line to~~

4. A..... ~~Copper nail~~..... set in conc/~~rock~~ has been placed/~~found~~, bearing.....°M from ~~the~~ ~~top~~ ~~of~~ ~~the~~ ~~pillar~~ (Handwritten: ~~Handwritten (P)~~)

5. A..... set in conc/rock has been placed/found, bearing.....°M from Mast/Plug/Pillar

6. A..... set in conc/rock has been placed/found, bearing.....°M from Mast/Plug/Pillar

7. A..... set in conc/rock has been placed/found, bearing.....°M from Mast/Plug/Pillar

8. Action required.....

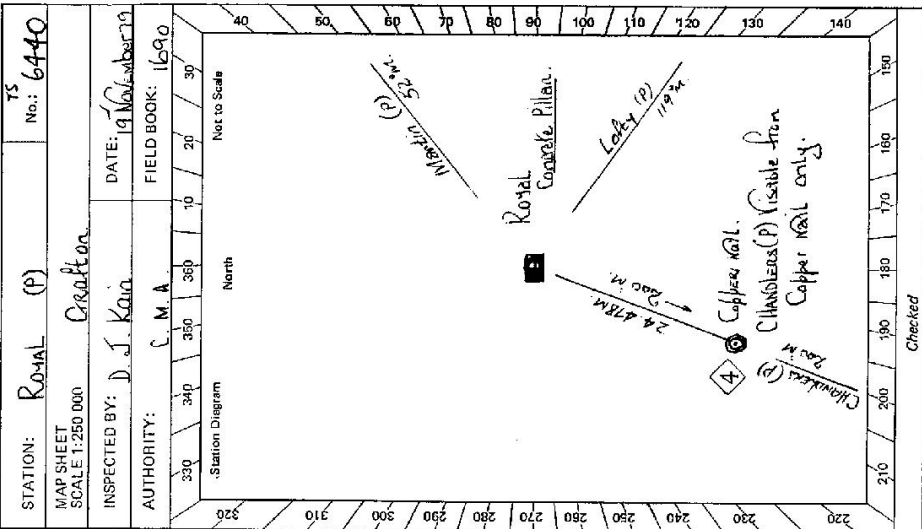
Mark	Direction	Horiz. Distance	Height Difference	Mark	Direction	Horiz. Distance	Height Difference
Mastin (P)	0° 00' 00"		above standpt.	CHANDLER'S (P)	0° 00' 00"		above standpt.
Lofty (P)	69 33 10		above standpt.	Conc. Obs. Pillar	180 00 06	24.478	-560
Copper nail	147 54 49	24.418	557	Mastin (P)	212 05 58		above standpt.
			above standpt.	Lofty (P)	281 31 45		above standpt.
			below				below
			below				below
			below				below
			below				below

STANDPOINT: Concrete observation pillar      STANDPOINT: Copper nail

Prepared by: *Cheryl M. [Signature]*

Checked: *Cheryl M. [Signature]* 21/1/20

S: 2753-1



Checked

Checked

GS 24

<p>2733-2 D. West, Government Printer</p> <p>Beacon Diagram</p> <div style="border: 1px solid black; width: 100%; height: 150px; position: relative;"> <span style="position: absolute; top: -20px; left: 50%; transform: translate(-50%, -50%); font-size: small;">Not to Scale</span> </div>	<p style="text-align: center;">STATION <b>Royal (P) TS 6440</b></p> <p>Owner's Name: <b>Keesley Commission</b>                  Address: <b>Cratkeon</b>                  Phone: .....</p> <p>Current Occupant: .....                  Address: .....                  Phone: .....</p> <p>Access Report of <b>29.9.19</b> was found suitable/<del>unsuitable</del>. <b>ACCESS</b></p>
<p>This section to be completed by officer constructing pillar.</p> <p>Original station mark found/not found.</p> <p>Description of mark: .....</p> <p>Original beacon found/not found.</p> <p>Description of beacon: .....</p> <p>Height Top of Vane to Top Mark.....m.</p> <p>Height of mark.....m. above rock/cone.....m. below G.L.</p> <p>Diameter of Vane.....m. Height of Cairn.....m.</p> <p>Original Beacon has/has not been destroyed by me.</p>	<p>Date</p> <p>Record of Station</p>



6440  
STATION TS 3973 (ROYAL PT)

Owners Name: FORRESTRY COMMISSION Current Occupant:

Address: GRAFTON

Address:

Access 22-1-1980

- DO Couths Crossing P.O. Travel Towards Armidale
- 27.2 Bridge over Numbahin River
- 27.7 Turn right. Sign "Boundary Ck 9"
- 28.5 Turn left. Sign "Boundary Ck Forrest Rd"
- 38.3 Bridge & Grid
- 40.6 Take right fork, crossroad "Bridia Rd" Take Shannon Ck Rd.
- 42.1 Strt ahead, crossroad "Fig tree Rd"
- 43.75 Cross creek
- 44.6 Cross creek
- 45.9 Strt ahead, crossroad "Acacia Rd."
- 46.8 " " " " "Dungel Rd."
- 48.8 Strt ahead " " " " "Chandlers Trail off to left."
- 49.5 " " " " "Casurina Rd off to right."
- 50.7 " " " " "Scleropholia Rd off to left."
- 51.0 " " " " "Follow road around to the left. Sign in front says "Syncharpia Rd"
- 52.3 Take right fork Sign to right "Propingwa Rd"
- 53.2 Take left fork Sign to right "New Valley Rd
- 54.2 Turn left off Forrest Road at cleared area. (Los dump) and follow dozed track up RHS of ridge to top.
- 54.8 At top of ridge swing to the right and drive along ridge to the east. to Trig

55.6 T.S. ROYAL. P

Access 4-wheel Drive Only!!!!

