

CENTRAL MAPPING AUTHORITY

GEODETIC SURVEY OF N.S.W.

GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

Description:

1. Cleared by lances bearing  $305.1 \rightarrow 30.4$  Note: Cross out word or words which do not apply from Trig. Mast
2. Mast & Vanes have been painted white & black respectively. (Needed)
3. The station/pillar was ~~erected~~ not unplaced/constructed on ~~19.18~~  $19.18$ , 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 Mark/Pillar plate .....  $3.00$  m. ~~1.99~~ Diameter of Vanes (vertical)  $0.90$  m.
  - Height of Cairn.....  $1.4$  m. Diameter of Cairn.....  $2.2$  m. Name Plate found/not found/placed.
  - Length of Mast .....  $3.63$  m. (approximate if not unplaced)
4. A..... ~~set in conc/rock~~ has been placed/found, bearing  $305.0$  M from Mast/Plug/Pillar
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: ~~set in conc/rock~~  $2.05$  m. ~~conc. to Mast~~

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
			above standpt.				above standpt.
			below				below

Prepared by: J. Fanning

Checked: J. Fanning 19/1/78

Noted on U.T.M. Card

Sr 3753-1

STATION: **RED RANGE**

MAP SHEET: **GRAFTON**

SCALE: 1:250 000

INSPECTED BY: **J. FANNING**

DATE: **22nd June 78**

AUTHORITY: **C. M. A.**

FIELD BOOK:

Not to Scale

Checked



TS 6511

GEODETTIC SURVEY OF N.S.W.

CENTRAL MAPPING AUTHORITY

GEODETTIC STATION RECONNAISSANCE and MAINTENANCE REPORT

STATION: **RED RANGE G.S.** No.: **3884**  
 MAP SHEET SCALE 1:250 000 **GRAFTON**  
 INSPECTED BY: **I. FANNING** DATE: **15th MAY 79**  
 AUTHORITY: **C.M.A.** FIELD BOOK: **1753**

Description:  
 1. Cleared by lanes bearing **30°** **30°** **30°** from Trig. Mast  
 Note: Cross out word or words which do not apply  
 2. Mast & Vanes have been painted white & black respectively.  
 3. The station ~~pillar~~ ~~was unplaced~~ ~~not unplaced~~ ~~constructed~~ on **15th May 1979**, 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> below G.L.  
 Height of Top Vanes to Top Mark/Pillar plate..... m. Diameter of Vanes (vertical)..... **0.90** m.  
 Height of Cairn..... **1.4** m. Diameter of Cairn..... **2.2** m. Name Plate ~~found~~ ~~not found~~ ~~placed~~.  
 Length of Mast..... **3.6** m. (approximate if not unplaced)  
 4. A..... **G.I. Pipe** set in ~~concrete~~ ~~found~~, bearing **205°** **0** M from Mast/~~Plug~~/~~Pillar~~  
 5. A..... set in conc/rock has been placed/round, bearing..... M from Mast/~~Plug~~/~~Pillar~~  
 6. A..... set in conc/rock has been placed/round, bearing..... M from Mast/~~Plug~~/~~Pillar~~  
 7. A..... set in conc/rock has been placed/round, bearing..... M from Mast/~~Plug~~/~~Pillar~~  
 8. Action required: **Erect Pillar 3 days clearing 1 day for necessary lines plus 2 days for Tommys Rod G.S. (62-year), concrete post (original), Kingsgate (60-70)**

Trigs Sighted	Grid Azimuth	Horiz. Dist	Height Difference	Hills Sighted	Grid Azimuth	Horiz. Dist	Height Difference
Bald Abb	23	13	above standpt	Lewis	39	18	above standpt
Ferrandale	48	7	above standpt				below standpt
Leath	13	28	below standpt				above standpt
White Rock	192	28	above standpt				below standpt
Boyd	281	7	above standpt				below standpt
Miller	328	18	below standpt				above standpt
Tan Affine	316	15	above standpt				below standpt
Skaleton	344	15	below standpt				above standpt
	352	12	above standpt				below standpt

Prepared by: **I. FANNING** Checked: **W. J. J. 17/9/79** Noted on U.T.M. Card

872733-2 O. West, Government Printer

STATION	<b>RED RANGE G.S. TS 6511</b>	Owner's Name: <i>Jan Moore and Graham Moore</i> Address: <i>Tangora Property, Oliver Street Glen Innes</i> Phone: <i>Willingrove 7111</i>	Current Occupant: <i>Owners consent to erecting a pillar and any lighting necessary</i> Address: <i>Oliver Street Glen Innes</i> Phone: <i>Permitting &amp; done esp. by not yet obtained</i>	ACCESS <b>15th May 1979</b> Access Report of <i>22.11.1978</i> was found suitable/unavailable. <i>hms</i>	<p><i>0-00 Red Range P.O. Travel north</i></p> <p><i>1-24 Take road to right</i></p> <p><i>2-06 Causeway</i></p> <p><i>3-86 Turn right</i></p> <p><i>4-99 Locked gate (key to lock under bottle in large tree stump 20m to right)</i></p> <p><i>5-24 Yards on RHS</i></p> <p><i>5-29 Pass small dam RHS</i></p> <p><i>5-40 Track turns right</i></p> <p><i>5-44 Old Shack LHS Go around shack to rail gate pass through</i></p> <p><i>6-59 Veer right (uphill) off track to gate in fence corner</i></p> <p><i>6-56 wire gate door right up hill to trig</i></p> <p><i>6-75 Red Range G.S.</i></p> <p><u><i>Plumers house</i></u></p> <p><i>P.O. Corner Oliver St &amp; New England Highway Glen Innes travel East</i></p> <p><i>1-23 hours LMS "REBARBER"</i></p>
Beacon Diagram	Not to Scale				
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 G.L.					
Diameter of Vanes .....m. Height of Cairn .....m.					
Original Beacon has/has not been destroyed by ma.					

Date	
Record of Station	

GEODETTIC SURVEY OF M.S.W.

CENTRAL MAPPING AUTHORITY

GEODETTIC STATION RECONNAISSANCE and MAINTENANCE REPORT

Description:

1. Cleared by lanes bearing **180° to 140°**  
 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 ~~unplaced/not supplied~~/constructed on **15.3**..... **10.80**..... dimensions now being:  
 Description of mark/~~S/S~~ **Pillar** Plate should be explicit, e.g., S/Steel Pillar Plate, Steel plug, Brass plug, Bolt, G.I. Pipe  
 Height of mark..... **1.360**..... m. above ~~mark~~/~~concrete~~;  
 Mark is..... **1.500**..... m. above ~~G.L.~~  
 Height of Top Vanes to Top ~~Mark~~/Pillar plate **1.405**..... m. Diameter of Vanes (vertical) **0.755**..... m.  
 Height of ~~Gamm~~..... m. Diameter of ~~Gamm~~..... m. Name Plate ~~found/not found~~/placed.  
 Length of Mast **1.485**..... m. (approximate if not unplied)
4. A **TRIG. PLUG**..... set in conc/~~rock~~ has been ~~placed~~/found, bearing **161**.....° M from ~~Mounting~~/Pillar
5. A **G.I. PIPE**..... set in conc/~~rock~~ has been ~~placed~~/found, bearing **233**.....° M from ~~Mounting~~/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:.....

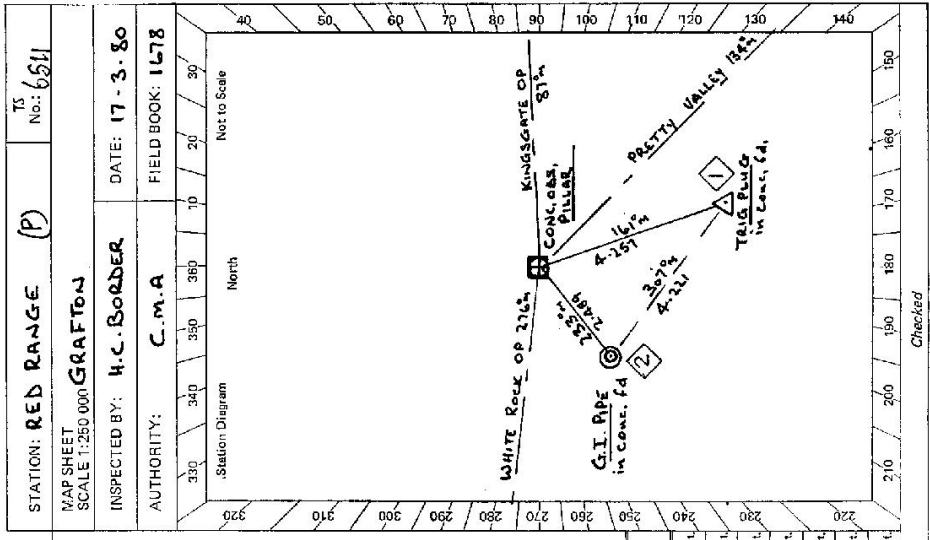
STANDPOINT: **CONC. PILLAR**

Mark	Direction	Horiz. Distance	Height Difference	Mark	Direction	Horiz. Distance	Height Difference
WHITE ROCK OP	359 59 60		above standpt	WHITE ROCK OP	359 59 60		above standpt
TIN MINE OP	62 31 00		below	G.I. PIPE	36 51 20	4-221	0-156 above standpt
SKELETON OP	70 21 24		above standpt	TIN MINE OP	62 28 40		below standpt
BALD MGB OP	101 04 36		below	CONC. PILLAR	71 00 00	4-258	above standpt
TOMMYS ROCK OP	145 02 20		above standpt	SKELETON OP	70 25 00		above standpt
KINGSGATE OP	184 27 50		below	BALD MGB OP	101 02 00		below
PRETTY VALLEY OP	229 27 40		above standpt	TOMMYS ROCK OP	144 59 10		above standpt
TRIG PLUG	251 01 20	4-256	1-627 below	KINGSGATE OP	184 24 40		below
G.I. PIPE	313 12 20	2-489	1-472 below	PRETTY VALLEY OP	229 24 50		above standpt

Prepared by: **H. C. BORDER**

Checked: **U.T.M. Card**

Sr 2739-1



Checked

S: 2733-2 D. West, Government Printer	STATION <b>RED RANGE (P)</b> TS <b>6511</b>	Owner's Name: <b>GRAHAM &amp; IAN MOORE</b> Current Occupant: Address: <b>WOLFE STREET TANGOA PROPERTY</b> Address: <b>GLEN INNES WELLINGROVE</b> Phone: <b>1721 GLEN INNES 711</b> Phone: <b>WELLINGROVE</b> Phone: ACCESS <b>17-3-80</b>
Beacon Diagram Not to Scale	KM Access Report of <b>15/5/1979</b> was found <del>unavailable</del> /unavailable. <b>0.00 GLEN INNES, corner Oliver St, 1 NEW ENGLAND HWY, travel east towards RED RANGE, (sign)</b> <b>1.30 passing brick home on L.H.S. (Small sign on mail box "CUBANACAN") OWNERS</b> <b>7.10 passing sealed Rd on R.H.S (to PINKETT)</b> <b>16.00 passing gravel Rd on R.H.S ("")</b> <b>16.20 passing gravel Rd on L.H.S (Shannon Vale)</b> <b>19.00 Turn left, gravelled, at old Red Range P/O now only phone box.</b> <b>20.20 Turn Right gravel Rd.</b> <b>22.10 Causeway.</b> <b>22.90 Turn Right, (road track)</b> <b>24.00 Locked gate C.M.A padlock placed, yards on R.H.S</b> <b>24.20 across small gully. follow track to old Shack.</b> <b>24.40 Track veers right towards old Shack.</b> <b>24.70 on R.H.S of old shack pass through old fence line, to rear of shack follow track through fence line again heading NORTH.</b> <b>25.30 Turn Right off track. (just past timber) to Queensland gate in fence line</b> <b>25.40 gate in fence line 4.w.b.</b> <b>25.60 Conc. Pillar.</b>	
This section to be completed by officer constructing pillar. Original station mark found/ <del>not found</del> : Description of mark: <b>Copper Trig Plug</b> Original beacon found/ <del>not found</del> : Description of beacon: <b>Cairn Mast &amp; Vanes</b> Height Top of Vanes to Top Mark: <b>3.755</b> m. Height of mark: <b>0.015</b> m. above <del>mark</del> /conc <b>0.150</b> m. above G.L. / <del>below</del> Diameter of Vanes: <b>0.920</b> m. Height of Cairn: <b>1.550</b> m. Original Beacon has/ <del>not found</del> <del>discovered</del> by me. <b>been destroyed</b>		
Date		Record of Station