

7-1-98

CENTRAL MAPPING AUTHORITY
Department of Lands
Trigonometrical Survey of N.S.W.

RECONNAISSANCE and MAINTENANCE REPORT

STATION Dulwich (Pillar) T.S. 5601

Note: Cross out word or words which do not apply

This Trig. Station has been:-

1. Completely cleared to permit 360° vision to surrounding Trigs.
2. Cleared by lanes bearing from Trig. Mast
3. Trig. Mast & Vanes have been painted white & black respectively.
Also Not Repaired
4. The Trig. was unpiled/~~not unpiled~~, dimensions now being:
Description of mark should be explicit, e.g. Steel plug, Brass plug, Bolt, G.I. Pipe
Height of mark m above ~~mark~~/~~concrete~~
Height of Top Vanes to Top ~~Mark~~ m. Diameter of Vanes (vertical) 6.750 m.

Height of Cairn m. Diameter of Cairn m.

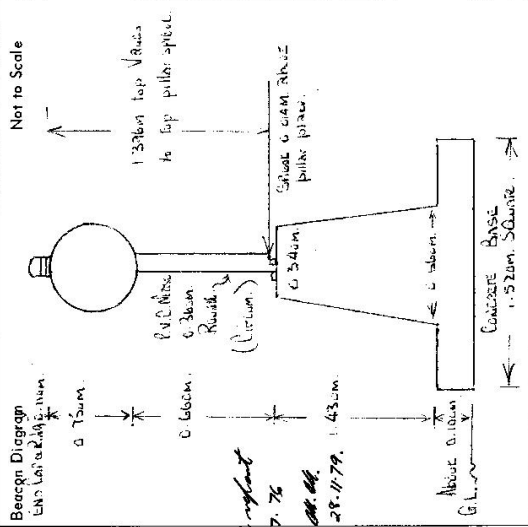
Length of Mast m. (approximate if not unpiled)

5. A 1.120 m. set in conc/~~mark~~ has been placed 2.035 m. bearing 335° from Trig. Mast
Placed in 1916
6. A G.I. Pipe set in conc/~~mark~~ has been placed 4.317 m. bearing 206° from Trig. Mast
Placed in 1916
7. A G.I. Pipe set in conc/~~mark~~ has been placed 5.328 m. bearing 117° from Trig. Mast
Placed in 1916
8. A set in conc/rock has been placed m. bearing° from Trig. Mast
(10.8 m. hole measurements before this station was pulled down)
9. Connection G.I. Pipe to G.I. Pipe No(2) 1.045 m. bearing 73° from Trig. Mast
Station was pulled down
10. Connection Iron Plate to G.I. Pipe No(1) 3.528 m. bearing 233° from Trig. Mast
Station was pulled down
11. Connection Iron Plate to G.I. Pipe No(2) 3.569 m. bearing 41° from Trig. Mast
Station was pulled down
12. Connection to m. bearing° from Trig. Mast
13. Diff. Ht. G.I. Pipe is 1.788 m. ~~above~~/~~below~~ Iron Plate
14. Diff. Ht. Splice Rod is 1.652 m. ~~above~~/~~below~~ Iron Plate
15. Diff. Ht. G.I. Pipe is 1.616 m. ~~above~~/~~below~~ Iron Plate
16. Diff. Ht. is m. ~~above~~/~~below~~ Iron Plate

Prepared by:

Checked:

Noted on U.T.M. Card



Date	Record of Station

Checked

STATION DOCHRA (Pillar) I.S. 5601

Owners Name... Station is situated
 Address... Commandmentala sland.
 Current Occupant.....
 Address.....

17-12-1975 Access to DOCHRA (Pillar) IS from SINGLETON.
 Access

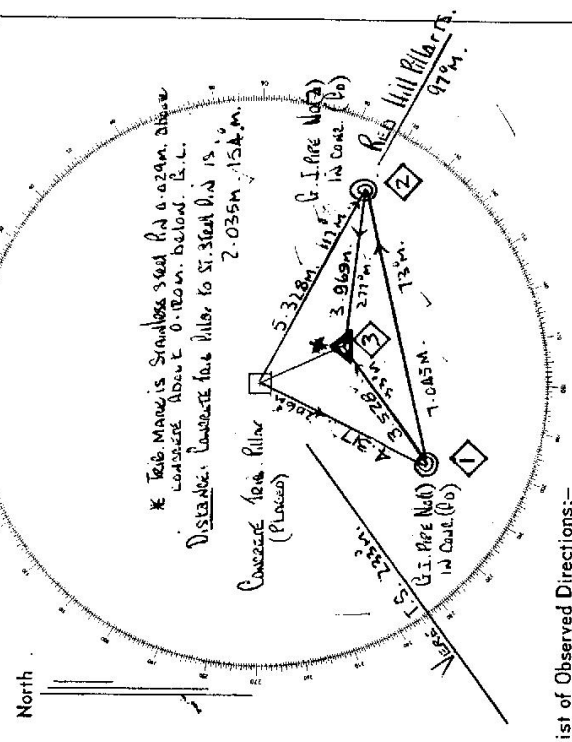
At SINGLETON POST OFFICE AT 0.0 MILES, Travel via WINDSOR/PUFFY ROAD
 towards WINDSOR.

MILEAGE. FEATURE.

- 0.50 CROSS OVER RAILWAY LINE.
- 0.80 TAKE SEALED TO YOUR LEFT, SIGN, "SINGLETON ARMY BARRACKS," CARVED ON STREET.
- 1.15 TAKE RIGHT FORK IN SEALED ROADS.
- 3.05 ENTER "SINGLETON" ARMY BARRACKS.
- 4.65 AT T JUNCTION, TAKE RIGHT FORK, SIGN, RANGE CONTROL, FOLLOW MAIN SEALED ROAD.
- 9.05 TAKE SEALED ROAD TO LEFT, SIGNS, BOUNDARY ROAD, RANGE AREA 5, SPECTATOR RIDGE.
- 10.00 PASS RIFLE RANGE ON R.H.S. AND END OF SEALED ROAD.
- 12.15 PASS ROAD TO SPECTATOR RIDGE ON YOUR LEFT.
- 12.75 TAKE TRACK OFF TO YOUR LEFT UP ONTO SMALL CLEAR ROAD.
- 12.86. TRIB. PILLAR.

NOTE: THIS STATION IS OF VERY EASY ACCESS AND COULD BE DENIED TO, BY STATION SEEN TYPE VEHICLE DURING OR AFTER HEAVY RAIN.

Station Diagram Not to Scale



List of Observed Directions:-

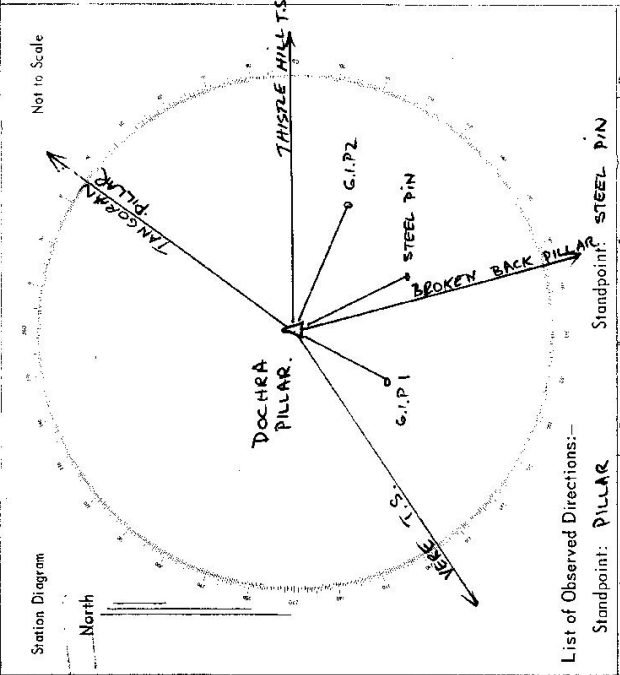
Station	Direction	Station	Direction
VERE T.S.	0° 00' 00"	VERE T.S.	0° 00' 00"
G.I. PIPE No(1)	332 02 50	G.I. PIPE No(1)	333 51 10
STEEL PIN	278 03 00	G.I. PIPE No(2)	219 57 50
G.I. PIPE No(2)	238 54 00	CONC. OBS. PILLAR	98 01 50

77-613

Department of Lands Integration : by of N.S.W. RECONNAISSANCE and MAINTENANCE REPORTS	STATION DOCHRA (P) TS 5601 Co: NOCHUMBEELAND Map Sheet: CESNLOCK Inspected by: ALCATHAN Authority: I.S.D. NEWCASTLE Beacon Diagram	Ph: DIVINGHAM No: 9192 N Date: 16.2.76 Field Book: 335/7 Not to Scale	
This Trig. Station has been:- 1. Completely cleared to permit 360° vision to surrounding Trigs. ✓ 2. Cleared by <u>James-bearing</u> from Trig. Mast 3. Trig. Mast & Vanes have been painted white & black respectively. ✓ 4. The Trig. was unpiled/ not unpiled , dimensions now being:	Note: Cross out word or words which do not apply Description of mark: CONCRETE PILLAR PLATE should be explicit, e.g. Steel plug, Brass plug, Brass plug, Bolt, Concrete Pillar Height of mark: 0.00 m above rock-concrete PLATE 1.43 m above below G.L. Height of Top Vanes to Top Mast /Top pillar plate: 1.41 m Diameter of Vanes (vertical): 0.75 m. Height of Cairn PILLAR 1.43 m. Diameter of Cairn: m. Length of Mast: 1.52 m. (approximate if not unpiled)	5. A G.I.P.1 set in conc/rock has been placed/fd 4.326 m. bearing 207 °M from Trig. Mast/pillar 6. A G.I.P.2 set in conc/rock has been placed/fd 5.335 m. bearing 113 °M from Trig. Mast/pillar 7. A STEEL PIN set in conc/rock has been placed/fd 2.046 m. bearing 154 °M from Trig. Mast/pillar 8. A set in conc/rock has been placed/fd m. bearing °M from Trig. Mast/pillar 9. Connection PIN to G.I.P.1 3.531 m. bearing 236 °M 10. Connection PIN to G.I.P.2 3.465 m. bearing 97 °M 11. Connection to m. bearing °M 12. Connection to m. bearing °M 13. Diff. Ht. PIN is 1.65 m. above PILLAR PLATE below 14. Diff. Ht. G.I.P.1 is 1.73 m. above PILLAR PLATE below 15. Diff. Ht. G.I.P.2 is 1.62 m. above PILLAR PLATE below 16. Diff. Ht. G.I.P.1 is 0.08 m. above PIN G.I.P.2 is 0.03 ABOVE PIN below	Date: Record of Station 17.25 Pillar Placed.
Prepared by: MB			Checked: A. Burrows

STATION **DOC HRA (P) TS 5601**

Owners Name
 Current Occupant.....
 Address.....
 Address.....



List of Observed Directions:-

Standpoint: PILLAR		Standpoint: STEEL PIN	
Station	Direction	Station	Direction
BROKEN BACK PILLAR	0° 00' 00"	BROKEN BACK T.S.	0° 00' 00"
VERE T.S.	69 44 21	G.I.P. 1	69 39 07
TANGORAN PL	228 48 12	PILLAR	167 56 08
THISTLE HILL T.S.	286 49 32	THISTLE HILL T.S.	286 48 22
		G.I.P. 2	287 38 50

Station	Direction	Station	Direction
BROKEN BACK PILLAR	0° 00' 00"		
G.I.P. 1	41 44 17		
G.I.P. 2	308 39 54		
STEEL PIN	347 56 06		

Access	MILEAGE (KM)	FEATURE
0.00		FROM SINGLETON TRAVEL ALONG NEW ENGLAND HWY TOWARDS
0.10		MANLAND TO SIGN POST "SINGLETON ARMY BARACKS"
1.60		TURN RIGHT OFF HWY AT ABOVE SIGN.
1.90		RAIL CROSSING WHITTINGHAM STATION
3.60		GRID
4.00		STRAIGHT AHEAD
8.90		STRAIGHT AHEAD
9.30		LEFT TURN
10.30		STRAIGHT AHEAD.
13.70		END OF BITUMEN
14.10		RIGHT TURN SENTRY BOX 2
14.80		LEAVE ROAD TO LEFT.
		TRIG

ACCESS EASY BY 2 WHEEL DRIVE

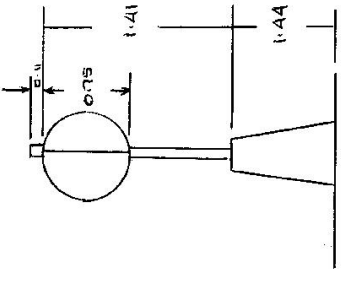
Department of Lands Integrative Survey of N.S.W.

RECONNAISSANCE and MAINTENANCE REPORT

STATION DOCHKA (P) TS 5601

Co: **NORTHUMBERLAND** Pht: **DUNEDIN**
 Map Sheet: **CESNOCK** No: **9132 N**
 Inspected by: **C.W. STARKLEY** Date: **19-1-76**
 Authority: **D.L.P. L.A.S.P.S.** Field Book: **P.S.P. 2245**

Beacon Diagram Not to Scale



This Trig. Station has been: Note: Cross out word or words which do not apply

1. Completely cleared to permit 360° vision to surrounding Trigs.
2. ~~Cleared by~~ ~~lines~~ bearing from Trig. Mast
3. Trig. Mast & Vanes have been painted white & black respectively.
4. The Trig. was unpiled/~~not~~ ~~unpiled~~, dimensions now being:

Description of mark: ~~CONCRETE PILLAR~~ should be explicit, e.g. Steel plug, Brass plug, Bolt, Concrete Pillar
 Height of mark: ~~1.44~~ m above ~~rock~~/~~concrete~~ ~~0.75~~ m above ~~below~~ G.L.
 Height of Top Vanes to ~~Top~~ ~~Mark~~ Top pillar plate: ~~1.41~~ m Diameter of Vanes (vertical) ~~0.75~~ m.
 Height of ~~Cann~~ ~~...~~ m. Diameter of ~~Cann~~ ~~...~~ m.

Length of Mast: ~~...~~ m. (approximate if not unpiled)
 5. ~~GA PIPE~~ ~~...~~ set in conc/~~rock~~ has been placed/~~fd~~ ~~...~~ m. bearing ~~210~~ °M from Trig. ~~Mark~~ pillar
 6. ~~GA PIPE~~ ~~...~~ set in conc/~~rock~~ has been placed/~~fd~~ ~~...~~ m. bearing ~~170~~ °M from Trig. ~~Mark~~ pillar
 7. ~~OLD~~ ~~Trig~~ ~~plug~~ set in conc/~~rock~~ has been placed/~~fd~~ ~~2.058~~ m. bearing ~~150~~ °M from Trig. ~~Mark~~ pillar

8. ~~A~~ ~~...~~ set in conc/rock has been placed/~~fd~~ ~~...~~ m. bearing ~~...~~ °M from Trig. Mast/pillar
 9. Connection Trig. plug to ~~GA PIPE~~ ~~...~~ m. bearing ~~240~~ °M
 10. Connection ~~Trig~~ ~~plug~~ to ~~GA PIPE~~ ~~...~~ m. bearing ~~105~~ °M

11. Connection ~~...~~ to ~~...~~ m. bearing ~~...~~ °M
 12. Connection ~~...~~ to ~~...~~ m. bearing ~~...~~ °M
 13. Diff. Ht. ~~GA PIPE~~ ~~...~~ is ~~1.74~~ m. ~~above~~/~~below~~ ~~PILLAR~~ ~~PLATE~~
 14. Diff. Ht. ~~GA PIPE~~ ~~...~~ is ~~1.63~~ m. ~~above~~/~~below~~ ~~PILLAR~~ ~~PLATE~~
 15. Diff. Ht. ~~OLD~~ ~~TRIG~~ ~~PLUGS~~ ~~...~~ is ~~1.655~~ m. ~~above~~/~~below~~ ~~PILLAR~~ ~~PLATE~~
 16. Diff. Ht. ~~...~~ is ~~...~~ m. ~~above~~/~~below~~ ~~...~~

Prepared by: W. Starkley Checked by: W. Starkley 5.5.76

Date	Record of Station
17-12-75	Pillar Elected

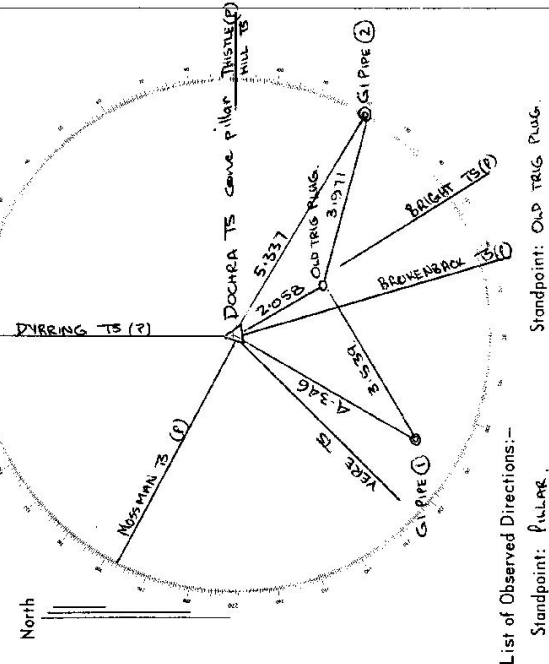
STATION DOC TA (P) TS 5601

Owners Name..... Current Occupant.....

Address..... Address.....

19-7-1976
 Conventional vehicle
 Level crossing at Whittingham (between Singleton & Brunton)
 drive in towards barracks.
 11.5 End of entrance to barracks
 1.9 Road on right continue straight ahead.
 3.7 " " " "
 8.6 " " " "
 9.3 Turn left follow bitumen.
 9.8 Road on right continue straight ahead.
 10.9 Bitumen ends follow road
 15.6 TS on left of road.

Station Diagram
 North
 Not to Scale



List of Observed Directions:-

Station	Direction	Station	Direction
BROWNBACK TS (P)	0° 00' 00"	BROWNBACK TS (P)	0° 00' 00"
VEERE TS	69° 44' 19.6"	GI PIPE 1	69° 39' 33"
MESSMAN TS (P)	133° 48' 20.2"	GI PIPE 2	168° 05' 11"
DYRRING TS (P)	196° 41' 33.4"	OLD TRIG PLUG	289° 37' 42"
THESSIE HILL TS (P)	256° 41' 12.1"		
BRIGHT TS (P)	345° 09' 24.2"		

Station	Direction	Station	Direction
BROWNBACK TS (P)	0° 00' 00"		
GI PIPE 1	41° 45' 10"		
VEERE TS	69° 44' 19.6"		
GI PIPE 2	308° 45' 30"		
OLD TRIG PLUG	348° 05' 18"		

CENTRAL MAPPING AUTHORITY

GEODETIC SURVEY OF N.S.W.
GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

STATION: Dochera (Pillar) No.: 5601

MAP SHEET SCALE 1:250 000

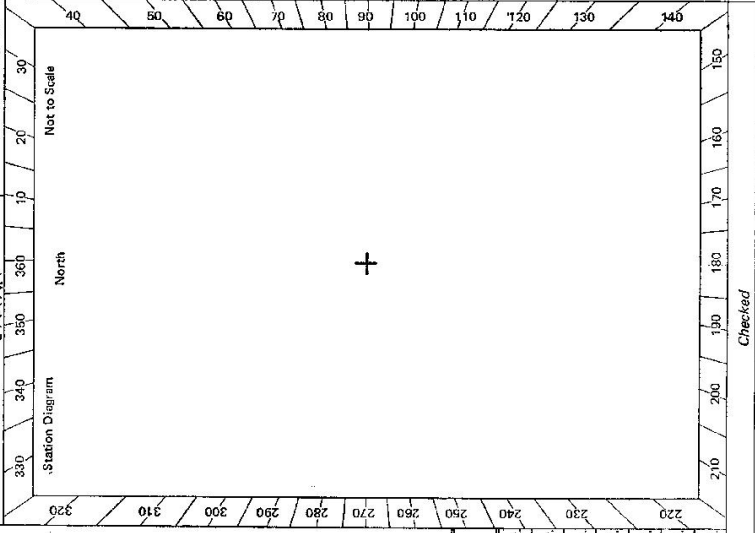
INSPECTED BY: D.S. Kalia

AUTHORITY: C.M.A.

DATE: 12 April 1979

FIELD BOOK: 1673

- Description:
1. Cleared by ~~removal~~ 2/60. *Note: Cross out word or words which do not apply*
..... from Trig. Mast pillar.
 2. Mast & Vanes have been painted white & black respectively.
Inspected Mast & Vanes re-painted.
 3. The station/pillar was re-sited on 12 April 1979, dimensions now being:
St. Steel Cap above 1.5m, Steel Pillar Plate 1.5m, Steel Plug, Brass plug, Bolt, G.I. Pipe
Description of mark: Steel Pillar Plate, Steel Plug, Brass plug, Bolt, G.I. Pipe
Height of mark: 4.20 m. ^{above} concrete. Mark is 1.520 m. ^{above} G.L.
 - Height of Top Vanes to Top Mast/Pillar plate 1.410 m. Diameter of Vanes (vertical) 0.150 m.
 - Height of Cairn..... m. Diameter of Cairn..... m. Name Plate found/~~not found~~.....
Length of Mast 1.520 m. (~~approximate if not specified~~) C.M.A. Station Dochera
 4. A..... set in conc/rock has been placed/found, bearing.....° 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:.....



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: D.S. Kalia 6/7/79 Noted on U.T.M. Card
Checked: D.S. Kalia

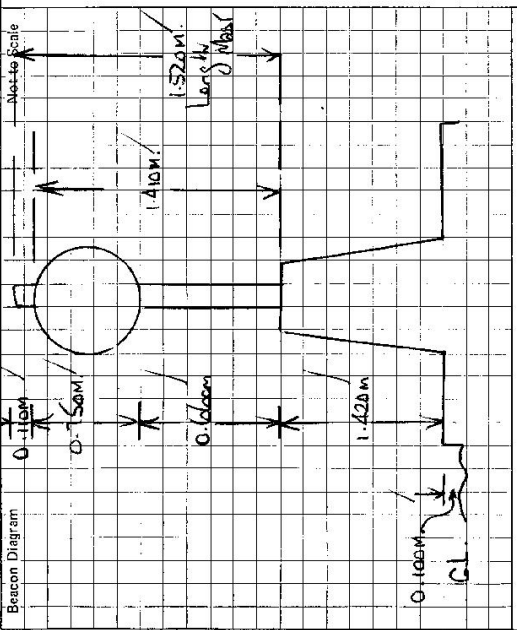
STATION Dochnaw (Pillar) TS 5601

Current Occupant:
 Address:
 Phone:

Owner's Name:
 Address:
 Phone:

Access Report of 12.4.19.21 was found suitable/unavailable. ACCESS

8x2735-2 D. West, Government Printer



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 Vane to Top Markm.

Height of markm. above / below G.L.

Diameter of Vanem.

Original Beacon has/has not been destroyed by me.

Date	Record of Station