

74-88

Trigonometrical Survey of N.S.W.

CENTRAL MAPPING AUTHORITY

Department of Lands

RECONNAISSANCE and MAINTENANCE REPORT

STATION **Whatts (Pillar) Ts. 5572**

Co: **Northumberland** Ph: **Warrakumbine**
 Map Sheet: **Cross Creek (N)** No: **9132**
 Inspected by: **David J. Kain** Date: **20 Feb 2022**
 Authority: **C.M.A.** Field Book: **014cc**

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 lanes bearing..... from Trig. Mast
3. Trig. Mast & Vanes have been painted white & black respectively. ✓
 Pillar constructed 19/2/76.
4. The Trig. was unpiled/not-unpiled, dimensions now being:

Description of mark **S/S Pillar. Plate**..... should be explicit, e.g. Steel plug, Brass plug, Bolt, G.I. Pipe
 Height of mark..... **1.5** m above rock/concrete **AT**..... m **G.L.**
 Height of Top Vanes to Top Mark **1.380** m. Diameter of Vanes (vertical) **0.750** m.
 Height of Cairn..... m. Diameter of Cairn..... m.

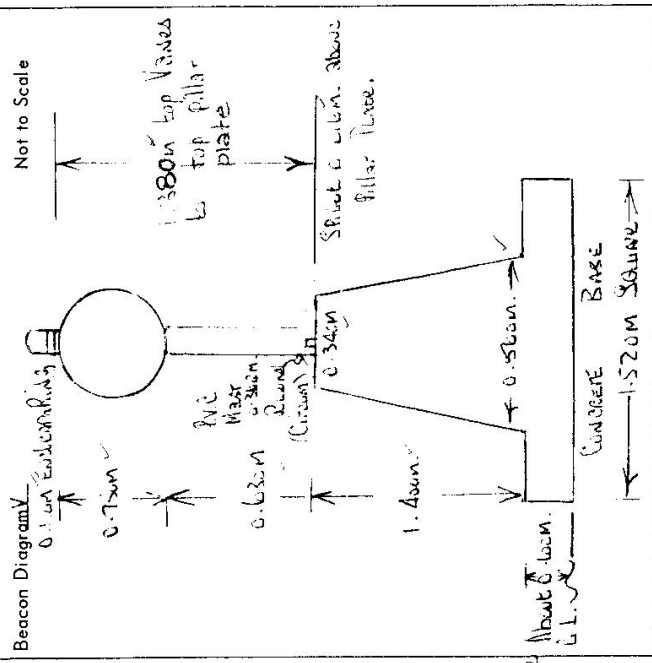
Length of Mast..... m. (approximate if not unpiled)
 5. **A. Conc. Tole** set in conc/rock has been placed **2.323** m. bearing **259** °M from Trig. Mast
 6. **A. S.S. Mast** set in conc/seal has been placed **5.115** m. bearing **96** °M from Trig. Mast
 7. **A. G.I. Pipe** set in conc/seal has been placed **3.651** m. bearing **339** °M from Trig. Mast

8. **A.** set in conc/rock has been placed..... m. bearing..... °M from Trig. Mast
 9. Connection **S.S. Mast to Steel Plug**: **3.448** m. bearing **278** °M
 Original station measurements before station was unpled.
 10. Connection **G.I. Pipe to G.I. Plug**: **3.832** m. bearing **13** °M
 11. Connection **S.S. Mast to G.I. Pipe**: **5.414** m. bearing **231** °M

12. Connection..... to..... m. bearing..... °M **3.88m**
 13. Diff. Ht. Trig. Plug is **1.618** m. **above** below Pillar. Plate.
 14. Diff. Ht. S.S.M. is **1.532** m. **above** below Pillar. Plate.
 15. Diff. Ht. G.I. Pipe is **1.776** m. **above** below Pillar. Plate.
 16. Diff. Ht. is..... m. **above** below.....

Prepared by: **D. Kain & A. Sirentzen** Checked:

Paul Duff 19/7/76 Noted on U.T.M. Card

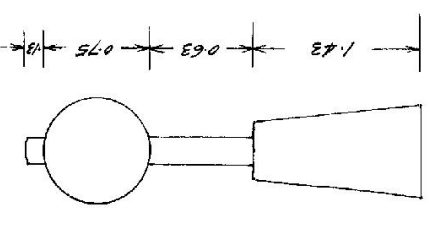


Date	Record of Station
19/7/76	Original Beacon removed and replaced by concrete obs. pillar.

Department of Lands Integration 3 of N.S.W.
RECONNAISSANCE and MAINTENANCE REPORT 4677 STATION **WATTS (P)**
 Co. **NORTHUMBERLAND** Ph: **KIMRIBERTH** TS **5572**

This Trig. Station has been: No: **9132**
 Map Sheet: **CESSNOCK NTH** Date: **8.3.76**
 Inspected by: **PMBEATH** Field Book: **POP 188**
 Authority: **I.S.D. NEWCASTLE**

Beacon Diagram Not to Scale



1. Completely cleared to permit 360° vision to surrounding Trigs. ✓
2. Cleared by lances 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... **1.43** m ^{above} ~~below~~ **concrete** ... m ^{above} ~~below~~ **G.L.**
 Height of Top Vanes to Top-Mark/Top pillar plate... **1.38** m Diameter of Vanes (vertical) **0.75** m.
 Height of Cairn... **1.43** m. Diameter of Cairn..... m.
- Length of Mast... **1.51** m. (approximate if not unpiled)
5. A **Brown Trig. Plug** set in conc/~~soil~~ has been placed/rd **2.322** m. bearing... **78**° M from Trig. Mast/pillar
6. A **SSM** set in conc/~~soil~~ has been placed/rd **5.711** m. bearing... **80**° M from Trig. Mast/pillar
7. A **G.I.P.** set in conc/~~soil~~ has been placed/rd **3.651** m. bearing... **147**° M from Trig. Mast/pillar
8. A set in conc/rock has been placed/rd..... m. bearing.....° M from Trig. Mast/pillar
9. Connection **Trig plug to G.I.P.** : **3.837** m. bearing **188**° M
10. Connection **Trig plug to SSM** : **3.445** m. bearing **92**° M
11. Connection to :..... m. bearing.....° M
12. Connection to :..... m. bearing.....° M
13. Diff. Ht. **Pillar Plate** is... **1.617** m. ^{above} ~~below~~ **Old Trig. Plug**.....
14. Diff. Ht. **Pillar Plate** is... **1.529** m. ^{above} ~~below~~ **SSM**.....
15. Diff. Ht. **Pillar Plate** is... **1.772** m. ^{above} ~~below~~ **G.I.P.**.....
16. Diff. Ht. **Trig. plug** is... **1.55** m. ^{above} ~~below~~ **G.I.P.** **Trig plug is 0.082 below SSM**

Date	Record of Station
Feb 76	Pillar erected

Prepared by: **PMBEATH** Checked: **A Burrows**

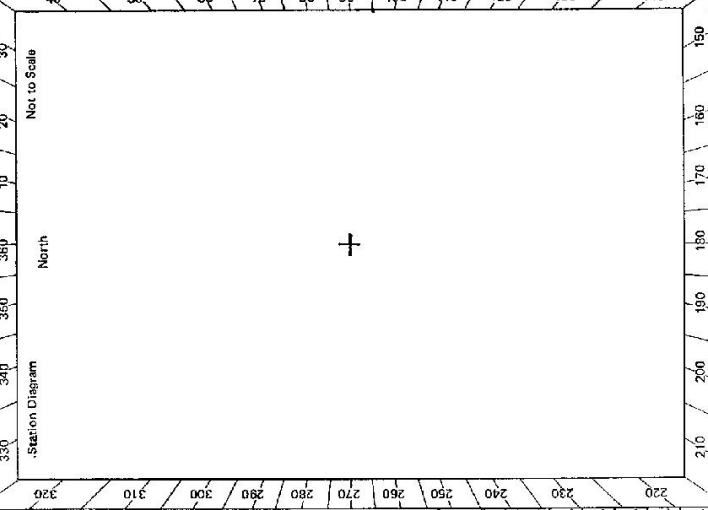
CENTRAL MAPPING AUTHORITY

STATION: **Watts (Pillar)** No.: **5572**

MAP SHEET SCALE 1:250 000

INSPECTED BY: **D. J. Kinn** DATE: **11 April 1979**

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



Checked

GEODETTIC STATION RECONNAISSANCE and MAINTENANCE REPORT

- Description:
- Cleared by lanes bearing... *Estimated line for to be cleared from Trig. Mast*
This station. 4 hours. (Small regrowth trees)
 - Mast & Vanes have been painted white & black respectively.
10532800. Mast & Vanes were repainted on 11 April 1979. Dimensions now being:
 - The station/pillar was ~~replaced~~ *replaced* on 11 April 1979. *Head to pillar base.*
 Description of mark: *S/S Pillar. Mark should be explicit, e.g. S/Steel Pillar Plate, Steel plug/Brass plug, Bolt, G.I. Pipe*
 Height of mark: *1.412 m. above rock/concrete; Mark is 1.510 m. above G.L.*
 Height of Top Vanes to Top ~~mark~~ *mark*/Pillar plate *1.370 m.* Diameter of Vanes (vertical) *0.750 m.*
 Height of Cairn: *0.490 m.* Diameter of Cairn: *0.1 m.* Name Plate found/~~not found~~
 Length of Mast: *1.490 m.* (~~approximate if not emptied~~) *L.M.A. Station*
 - A *S.S.M.* set in conc/rock has been ~~placed~~ *found*, bearing *92.7° M* from ~~Mast/Plug/Pillar~~ *Watts*
 - A *G.I. Pipe* set in conc/rock has been ~~placed~~ *found*, bearing *152.0° M* from ~~Mast/Plug/Pillar~~ *Watts*
 - A set in conc/rock has been placed/~~found~~, bearing *0° M* from Mast/Plug/Pillar
 - A set in conc/rock has been placed/~~found~~, bearing *0° M* from Mast/Plug/Pillar

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

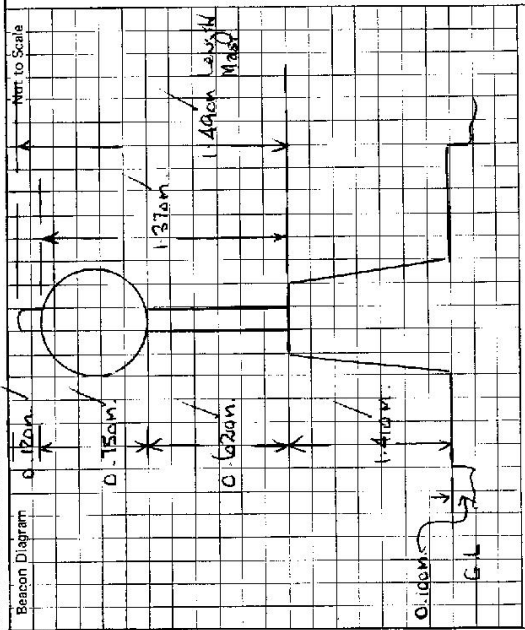
Prepared by: *D. J. Kinn* Checked: *D. J. Kinn* Noted on U.T.M. Card

STATION Watts (Pillar) TS 5572

Owner's Name:
 Address:
 Phone:

Current Occupant:
 Address:
 Phone:

ACCESS
 Access Report of...../19.....was found suitable/unsuitable.



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

STATION WATTS (P) TS 5572

Owners Name:
 Current Occupant:
 Address:

Address:

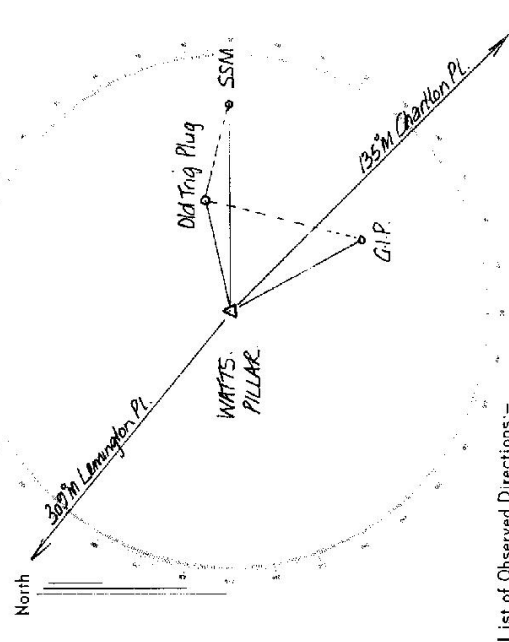
Access 8-3-1976

Feature
 Singleton PD Take Pully Rd toward Broke.
 Turn right towards Denman & Lenny's Plains.
 Turn left onto gravel road toward Wainmick.
 Left through makeshift gate and follow well defined road.
 Leave vehicle

21-25
 2 minute walk to Trig

This trig is of easy access by 2 wheel drive vehicle in all weather conditions.

Station Diagram Not to Scale



List of Observed Directions:-

Standpoint: WATTS PILLAR		Standpoint: OLD TRIG PLUG	
Station	Direction	Station	Direction
Charlton Pl	0° 00' 00"	Charlton Pl	0° 00' 00"
GIP	17° 47' 36"	G.I.P.	59° 48' 24"
Lennington Pl	170° 13' 55.5"	WATTS Pl.	170° 24' 24"
Old Trig Plug	300° 26' 45.5"	Lennington Pl	170° 11' 51.5"
SSM	311° 21' 05.5"	SSM	348° 00' 05"