

CENTRAL MAPPING AUTHORITY  
Department of Lands

Trigonometrical Survey of N.S.W.

RECONNAISSANCE and MAINTENANCE REPORT

STATION COOK G.S.

TS-1582

This Trig. Station has been:-

Note: Cross out word or words which do not apply

Ph: Gordon

Co: Cumberland

Map Sheet: SYDNEY No: 9130

Inspected by: J. Wallace Date: 20.4.74

Authority: C.M.A. Field Book: 1309/13

Beacon Diagram Not to Scale

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.

4. The Trig. was unpiled/not unpiled, dimensions now being:

Description of mark: Trig. Plug in conc. should be explicit, e.g. Steel plug, Brass plug, Bolt, G.I. Pipe

Height of mark: ..... m above rock/concrete ..... m above G.L.

Height of Top Vanes to Top Mark: ..... m Diameter of Vanes (vertical): ..... m.

Height of Cairn: ..... m. Diameter of Cairn: ..... m.

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

5. A Drill Hole set in conc/rock has been placed 3.00 m. bearing 202° M from Trig. Mast Plug

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

10. Connection ..... to ..... m. bearing .....° M

11. Connection ..... to ..... m. bearing .....° M

12. Connection ..... to ..... m. bearing .....° M

13. Diff. Ht. Trig. Plug is 0.22 m. above below Drill Hole

14. Diff. Ht. is ..... m. above below

15. Diff. Ht. is ..... m. above below

16. Diff. Ht. is ..... m. above below

Prepared by: ..... Checked: ..... Noted on U.T.M. Card

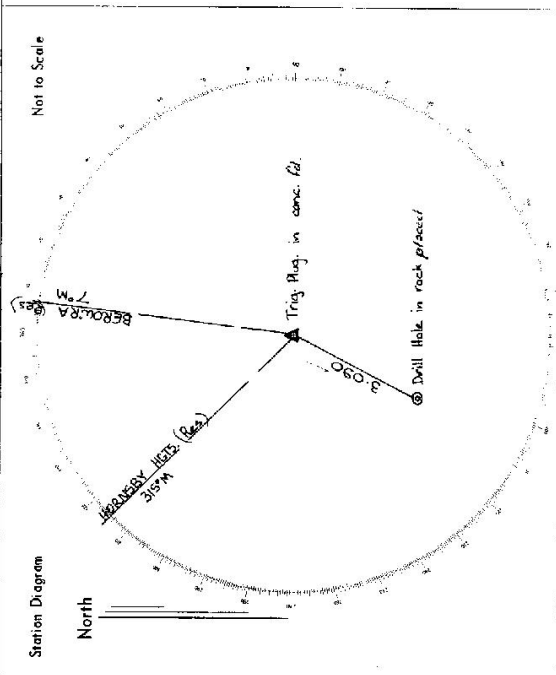
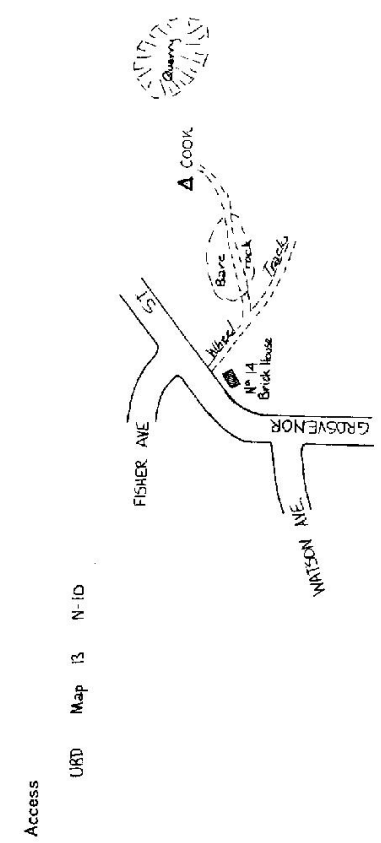
Record of Station

Date

Checked

STATION COOK G.S. TS 1582

Owners Name: Trig Reserve  
 21484  
 Address: Grosvenor St.  
 Wairoanga  
 Access  
 URB Map 13 N-ID



List of Observed Directions:-

Standpoint: Trig Plug 42.		Standpoint: Drill Hole in rock placed	
Station	Direction	Station	Direction
HORNSBY HILLS (Res) TS	0 00 00	HORNSBY HILLS (Res) TS	0 00 00
BEROWRA (Res) TS	48 58 40	BEROWRA (Res) TS	48 57 17
Drill Hole	295 27	Trig Plug	60 27

CENTRAL MAPPING AUTHORITY  
Department of Lands

Trigonometrical Survey of N.S.W.

RECONNAISSANCE and MAINTENANCE REPORT

STATION **COOK T.S. 1582**

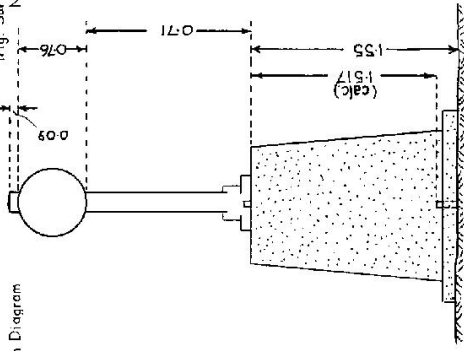
Co: CUMBERLAND | P/I: GORDON

Map Sheet: SYDNEY NORTH | No: 9130

Inspected by: C.W. JEREMY

Date: 26<sup>th</sup> June 1974  
Field Book: JKT. Surv. Div.  
C.S. 159  
Trig. Surv. A.Dk 1309/13  
Not to Scale

Authority



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 James 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: ~~Steel Plate on Conc. Pillar~~ should be explicit, e.g. Steel plug, Brass plug, Bolt, G.I. Pipe  
(over old Trig. plug)  
Height of mark: 1.55 m <sup>above</sup> rock/concrete, 1.55 m <sup>below</sup> G.L.  
Height of Top Vanes to Top Mark: 1.47 m. Diameter of Vanes (vertical): 0.76 m.  
Pillar Diameter of ~~Coin~~ ..... m.
- Length of Mast: 1.56 m. (approximate if not unpiled)
5. A Copper Nail set in conc/~~rock~~ has been placed: 4.120 m. bearing: 333.9M from Trig. Mast
6. A Drill Hole set in ~~conc/rock~~ has been placed: 3.105 m. bearing: 202.9M from Trig. Mast
7. A Drill Hole set in ~~conc/rock~~ has been placed: 3.1695 m. bearing: 334.9M from Trig. Mast
8. A Brass Pin set in ~~conc/rock~~ has been placed: 4.1910 m. bearing: 166.9M from Trig. Mast  
"Nail"
9. Connection Drill Hole to Copper Nail: 6.595 m. bearing: 352.9M
10. Connection: ..... to ..... m. bearing: .....9M
11. Connection: ..... to ..... m. bearing: .....9M
12. Connection: ..... to ..... m. bearing: .....9M
13. Diff. Ht. Copper Nail is 1.740 m. <sup>above</sup> Pillar Plate
14. Diff. Ht. Drill Hole is 1.620 m. <sup>above</sup> Pillar Plate
15. Diff. Ht. Old Trig. Plug is 1.517 m. <sup>above</sup> Pillar Plate
16. Diff. Ht. .... is ..... m. <sup>above</sup> Pillar Plate

Date

Record of Station

Prepared by: Wang Checked: Robert Bond

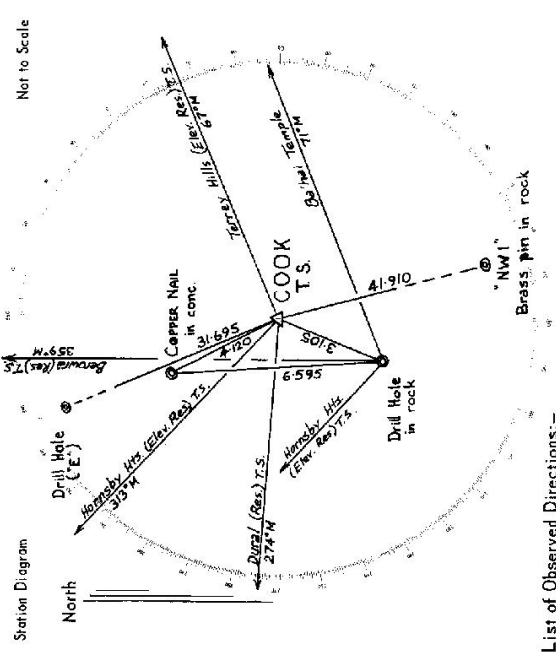
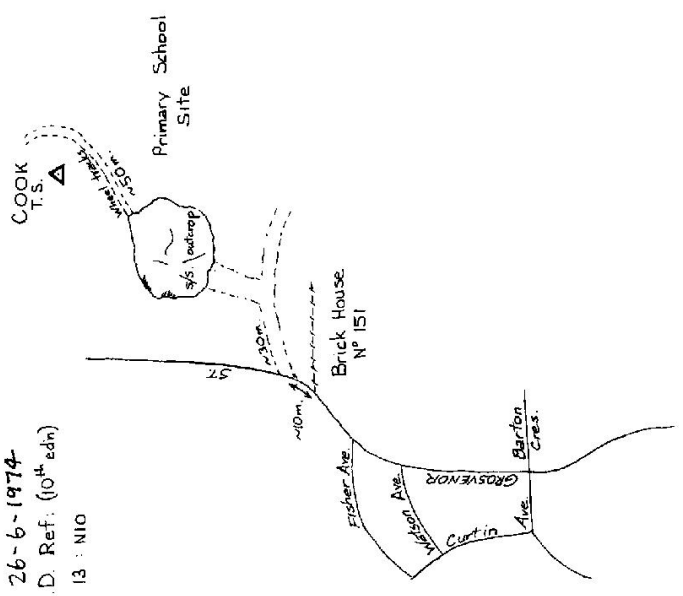
Noted on U.T.M. Card

STATION **COOK T.S. 1582**

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

Access **26-6-1974**  
 U.B.D. Ref: (10<sup>th</sup> edn)  
 Map 13 : N10

Enter track beside house N°151 on east side of Grosvenor St., Wahroonga.  
 30m up track turn left onto rock outcrop.  
 At N-E corner of outcrop, follow wheel tracks for 50m.  
Note: 4-wheel drive vehicle only beyond rock outcrop.



List of Observed Directions:-

Station	Direction	Station	Direction
Dural (Res) T.S.	0° 00' 00"	Hornsby Heights (El. Res) T.S.	0° 02' 00"
Hornsby Heights (El. Res) T.S.	38° 01' 45.5"	Copper Nail	41° 21' 30"
Copper Nail	58° 35' 30"	Berowra (Res) T.S.	48° 57' 14"
Drill Hole (E.)	60° 00' 01"	Cook (Pillar) T.S.	69° 30' 30"
Terry Hills (El. Res) T.S.	153° 01' 44"	Bahai Temple	118° 46' 39"

Station	Direction	Station	Direction
NW1	251° 25' 52"		
Drill Hole (A)	287° 33' 30"		

CENTRAL MAPPING AUTHORITY  
Department of Lands

Trigonometrical Survey of N.S.W.

RECONNAISSANCE and MAINTENANCE REPORT

STATION **COOK G.S. (PILLAR)** TS-1582

This Trig. Station has been:-

Note: Cross out word or words which do not apply

1. Completely cleared to permit 360° vision to surrounding ridge.
2. Cleared by lanes bearing 265° 00' to 30° 00', 125° 00' to 140° 00', 165° 00' to 180° 00' from Trig. Mast
3. Trig. Mast & Vanes have been painted white & black respectively.
4. The Trig. was unpiled/~~not supplied~~, dimensions now being:

Description of mark **Conc. Pillar** should be explicit, e.g. Steel plug, Brass plug, Balt. G.I. Pipe  
 Height of mark ..... 1.4 m above ~~base~~ **rock/concrete base** ..... m above below G.L.  
 Height of Top Vanes to Top Mark ..... 1.46 m. Diameter of Vanes (vertical) ..... 0.75 m.

Height of Cairn ..... m. Diameter of Cairn ..... m.

Length of Mast ..... 1.55 m. (approximate if not unpiled)

5. **Drill Hole** set in **conc/rock** has been placed ..... 3.197 m. bearing ..... 202° 00' from Trig. Mast
6. **A.Cu. Nail** set in **conc/soil** has been placed ..... 4.122 m. bearing ..... 333° 00' 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 Drill Hole to Cu. Nail** : 6.590 m. bearing ..... 353° 00'

10. Connection ..... to ..... m. bearing ..... °M

11. Connection ..... to ..... m. bearing ..... °M

12. Connection ..... to ..... m. bearing ..... °M

13. Diff. Ht. **Drill Hole** is 1.635 m. ~~above~~ **below** **Top of Pillar**

14. Diff. Ht. **Cu. Nail** is 1.730 m. ~~above~~ **below** **Top of Pillar**

15. Diff. Ht. is ..... m. above below

16. Diff. Ht. is ..... m. above below

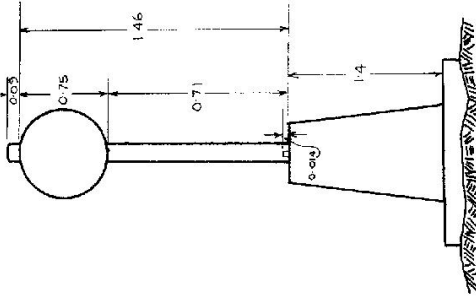
Prepared by: *[Signature]*

Checked: *[Signature]*

Noted on U.T.M. Card

Co: **Cumberland** Ph: **Gordon**  
 Map Sheet: **SYDNEY** No: **9130**  
 Inspected by: **T. Morrison** Date: **4.2.75**  
 Authority: **C.M.A.** Field Book: **1432**

Beacon Diagram Not to Scale



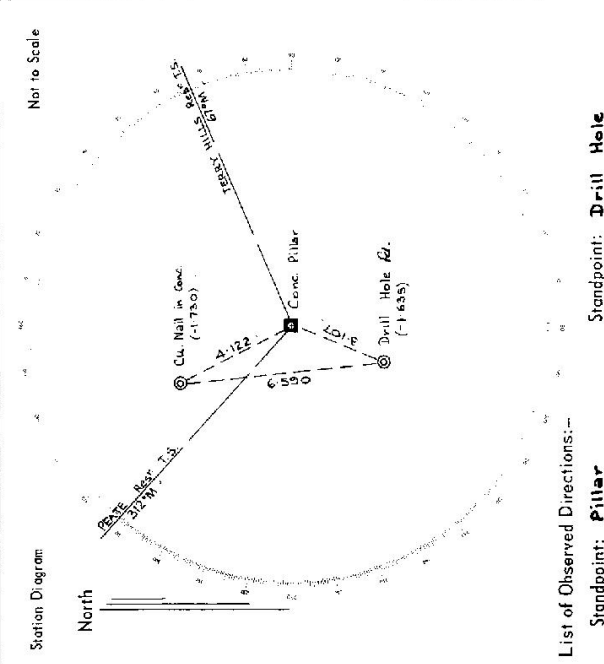
Date: **24/11 Conc. Pillar Constructed over Trig Plug**  
 Record of Station  
 Checked

STATION **COOK GS (Pillar)**

TS-1582

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

Access **4-2-1975**



List of Observed Directions:-

Standpoint: Pillar		Standpoint: Drill Hole	
Station	Direction	Station	Direction
PEATE Rest. T.S.	352.58 60	PEATE Rest. T.S.	352.58 60
Cu. Nail in Conc.	20.34	Cu. Nail	41.21 00
TERRY HILLS Rest. TS	115.00 00	Pillar Spigot	69.31
Drill Hole in Rock	249.31	TERRY HILLS Rest. TS	114.57 18
Station	Direction	Station	Direction

Trigonometrical Survey of N.S.W.

**RECONNAISSANCE and MAINTENANCE REPORT**

CENTRAL MAPPING AUTHORITY  
Department of Lands

STATION COOK G.S. TS-1582

Co: CUMBERLAND ✓ Ph: GORDON ✓  
 Map Sheet: SYDNEY ✓ No: 9130 N  
 Inspected by: G. DICKSON ✓ Date: 46 MAR 1977  
 Authority: C.M.A. ✓ Field Book: 1569 ✓

Beacon Diagram Not to Scale

MAST AND VANES DESTROYED.

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.
4. The Trig. was unpiled/not unpiled, dimensions now being:
  - Description of mark..... should be explicit, e.g. Steel plug, Brass plug, Ball, G.T. Pipe
  - Height of mark..... m above rock/concrete ..... m below G.L.
  - Height of Top Vanes to Top Mark..... m. Diameter of Vanes (vertical)..... m.
  - Height of Cairn..... m. Diameter of Cairn..... m.
  - Length of Mast..... 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
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: G. James 24/5/77 Noted on U.T.M. Card

Checked: G. James 24/5/77

Date	Record of Station

CENTRAL MAPPING AUTHORITY

GEODETIC SURVEY OF N.S.W.

GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

- Description: **No Cleaning Carried out** (Note: Cross out word or words which do not apply)
- Cleared by lanes bearing **240° S. 1/4 m.** from Trig. ~~Station~~ Pillar.
  - Mast & Vanes have been painted white & black respectively. ✓
  - The ~~station/pillar was~~ **inspected** on **18 December 1982**, dimensions now being: Description of mark **Steel Pillar Plate, Steel plug, Brass plug, Bolt, G.I. Pipe**  
Height of mark **1.46 m.** <sup>above</sup> ~~mark~~ **concrete**; Mark is **1.585 m.** <sup>above</sup> ~~below~~ G.L.  
Height of Top Vanes to Top ~~mark~~ **Pillar plate** **1.394 m.** Diameter of Vanes (vertical) **0.602 m.**  
Height of Cairn **0.1 m.** Diameter of Cairn **0.1 m.** Name Plate found/~~not found~~/placed.  
Length of Mast **1.49 m.** (approximate if not measured) **CMA Geodetic Station**
  - A. Drill hole (1)** Marks found **Distances Not Measured** **1/4 m** from **Mast/Plug/Pillar**  
**set in conc/rock has been placed/**found, bearing **242.3° M** from **Mast/Plug/Pillar**
  - A. Drill hole (2)** **set in conc/rock has been placed/**found, bearing **6° M** from **Mast/Plug/Pillar**
  - A. Nail Head** **set in conc/rock has been placed/**found, bearing **335° M** from **Mast/Plug/Pillar**
  - A. ....** **set in conc/rock has been placed/**found, bearing **.....° M** from **Mast/Plug/Pillar**
  - Action required: **.....**

STANDPOINT:

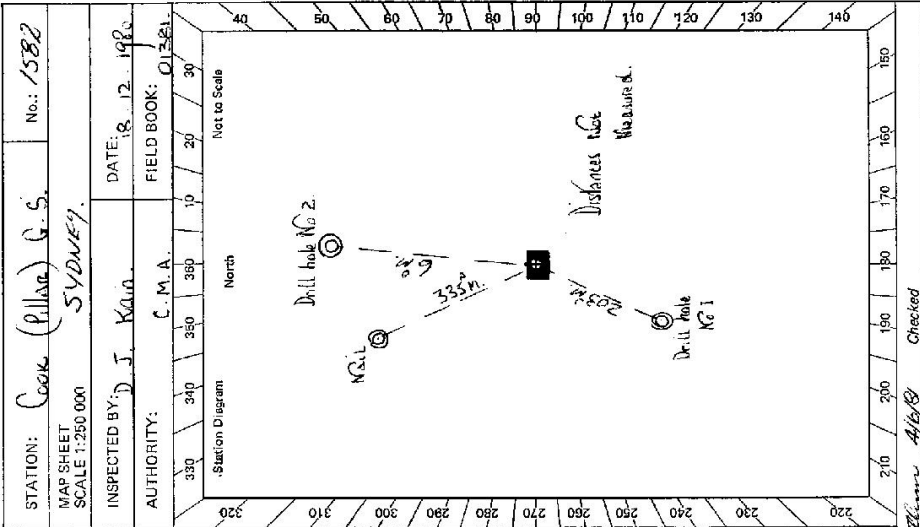
Mark	Direction	Horiz. Distance	Height Difference	Mark	Direction	Horiz. Distance	Height Difference
			above standpt.				above standpt.
			below standpt.				below standpt.
			above standpt.				above standpt.
			below standpt.				below standpt.
			above standpt.				above standpt.
			below standpt.				below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

Prepared by:

Checked:

Based on U.T.M. Grid

Checked



SR2733-1



STATION Cook (Pillar) G.S. IS - 1582

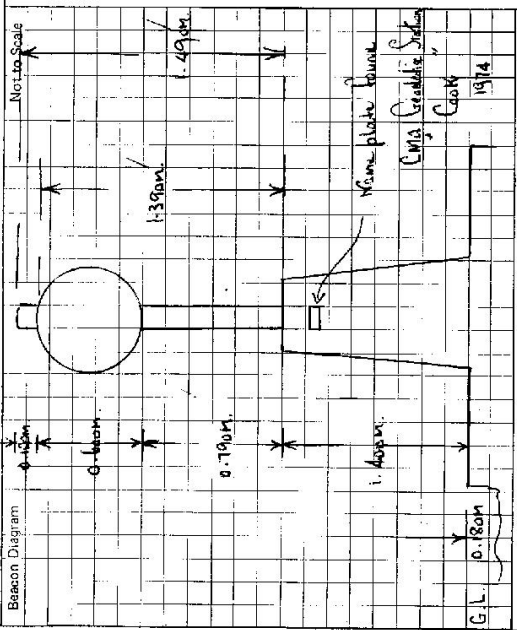
Owner's Name: ARIA R. RAY  
 Address: .....  
 Phone: .....  
 Current Occupant: .....  
 Address: .....  
 Phone: 18-12-1980

Access Report of 18-12-1980 was found suitable/in suitable.

P.V.C. Mass was repaired on this station.  
Steel cap screws were fitted to pillar.

Access Location:  
UBO. Street Directory, Map 13 ~ N10.

SI 2728-2 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 Mark: ..... m.

Height of mark: ..... m. above G.L. below rock/cone

Diameter of Vane: ..... m.

Original Beacon has/has not been destroyed by me. Height of Cairn: ..... m.

Date

Record of Station

Station Diagram Not to Scale

List of Observed Directions:—

Standpoint:	Station	Direction	Standpoint:	Station	Direction

1582

STATION TS COOK

Owners Name.....

Address.....

Access .....

Current Occupant.....

Address.....

JUNE 12002  
J. KWASNICA LP1

D. West, Government Printer, New South Wales - 1976