

CENTRAL MAPPING AUTHORITY
Department of Lands

Trigonometrical Survey of N.S.W.

RECONNAISSANCE and MAINTENANCE REPORT

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 ~~lines-bearing~~ **from Trig-Mast**
- 3. Trig-Mast & Vanes have been painted white & black respectively.
- 4. The Trig. was unpiled/~~rest-unpiled~~, dimensions now being: Original Station Mark found/~~not-found~~
Description of mark **Concrete Pillar** should be explicit, e.g. Steel plug, Brass plug, Bolt, G.I. Pipe
Top of ~~SP/590?~~ **0.012** m above ~~rock/concrete~~ **steel/pillar plate**
Height of mark **0.000** m above ~~rock/concrete~~ **G.L.**
Height of Top Vanes to Top Mark **1.460** m / Diameter of Vanes (vertical) **0.153** m.

Height of Cairn **0.000** m Diameter of Cairn **0.000** m

Length of Mast **1.520** m. (approximate if not unpiled)

- 5. A ~~carriage~~ ^{found} set in conc./~~rock~~ has been placed **3.924** m. bearing **272**°M from Trig. Mast
- 6. A ~~carriage~~ ^{found} set in conc./~~rock~~ has been placed **9.868** m. bearing **211**°M from Trig. Mast
- 7. A ~~carriage~~ ^{found} set in conc./~~rock~~ has been placed **8.756** m. bearing **314**°M from Trig. Mast
- 8. A ~~carriage~~ ^{found} set in conc./~~rock~~ has been placed **2.332** m. bearing **86**°M from Trig. Mast
- 9. Connection ~~mark~~ ^{old trig} to ~~carriage~~ ^{adding} ~~case 1~~ **5.966** m. bearing **205**°M
- 10. Connection ~~mark~~ ^{adding} to ~~carriage~~ ^{case 3} **5.818** m. bearing **57**°M
- 11. Connection ~~carriage 1~~ to ~~carriage~~ ^{case 3} **11.356** m. bearing **44**°M
- 12. Connection ~~to~~ **to** **to** m. bearing **0**°M
- 13. Diff. Ht. ~~old trig mark (carriage case)~~ is **1.632** m. above **pillar plate**
- 14. Diff. Ht. ~~carriage case 1~~ is **1.559** m. above **pillar plate**
- 15. Diff. Ht. ~~carriage case 2~~ is **1.660** m. above **pillar plate**
- 16. Diff. Ht. ~~carriage case 3~~ is **1.857** m. above **pillar plate**

Prepared by: **D. Kingstone**

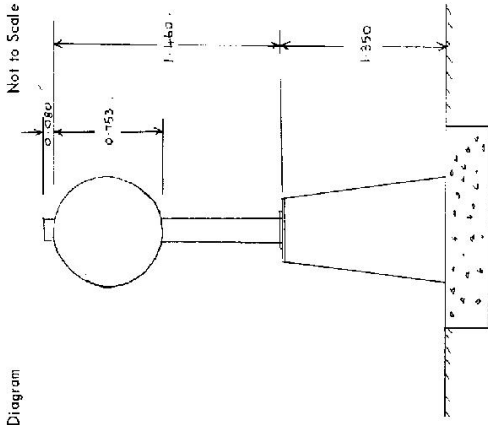
Checked: **A. S. ...**

Noted on U.T.M. Card

STATION **MATHESON PILLAR T.S.5511**

Co: **Gough.** | No: **9138 S**
Map Sheet: **INNERELL SOUTH** | Date: **3.12.75**
Inspected by: **D. FREDKINSEN** | Field Book: **A6 1471**
Authority: **CMO 72/66**

Beacon Diagram



Date: **10/7/75**
21/7/75
Record of Station
Target placed over cairn
Conc. Pillar erected, old trig unpiled.

Checked by **...**

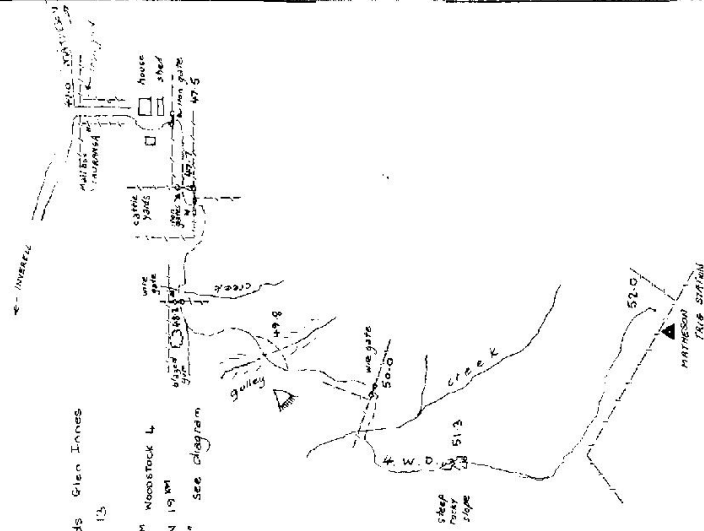
STATION **MATHESON PILLAR T.S 5511**

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

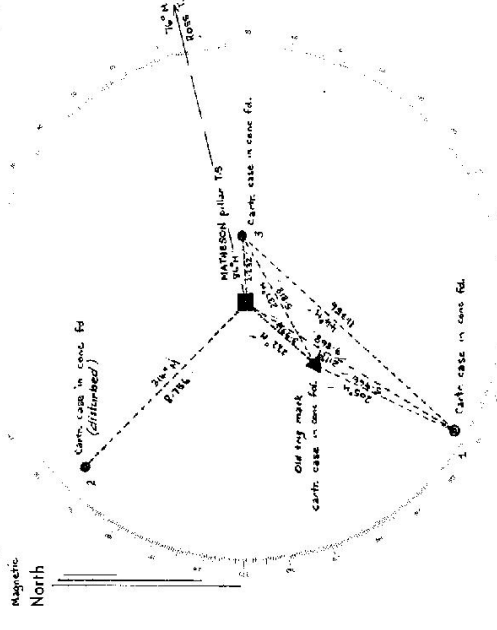
Address.....
 Address.....

Access 3-12-1975

- Feature
- 0.0 Inverell P.O travelling towards Glen Innes
 - 16.9 Turn left, sign WOODSTOCK 13
 - 22.0 End of brummen & bridge
 - 28.8 Turn right, sign Matheson 26 km WOODSTOCK 4
 - 37.5 Straight ahead, sign MATHESON 19 km
 - 47.0 Turn right, sign "TRURANGA" see diagram



Station Diagram
 Magnetic North
 Not to Scale



List of Observed Directions:-

Standpoint: Cartr. case 1 in conc. fd.		Standpoint: old trig mark (cont. case)	
Station	Direction	Station	Direction
Ross T.S.	359° 59' 60"	Ross T.S.	359° 59' 60"
Concrete pillar fd.	312° 19' 30"	Concrete pillar fd.	321° 52'
old trig mark (cont case)	305° 55' 30"	Cartr. case 1 in conc. fd.	125° 56' 00"
Cartr. case 3 in conc. fd.	301° 21' 30"	Cartr. case 3 in conc. fd.	337° 11' 00"

Standpoint: concrete pillar fd.	
Station	Direction
Ross T.S.	359° 59' 60"
old trig mark (cont case)	141° 51'
Cartr. case 1 in conc. fd.	132° 18' 00"
Cartr. case 2 in conc. fd.	227° 34' 00"
Cartr. case 3 in conc. fd.	5° 21' ✓

CENTRAL MAPPING AUTHORITY

GEODETIC SURVEY OF N.S.W.

GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

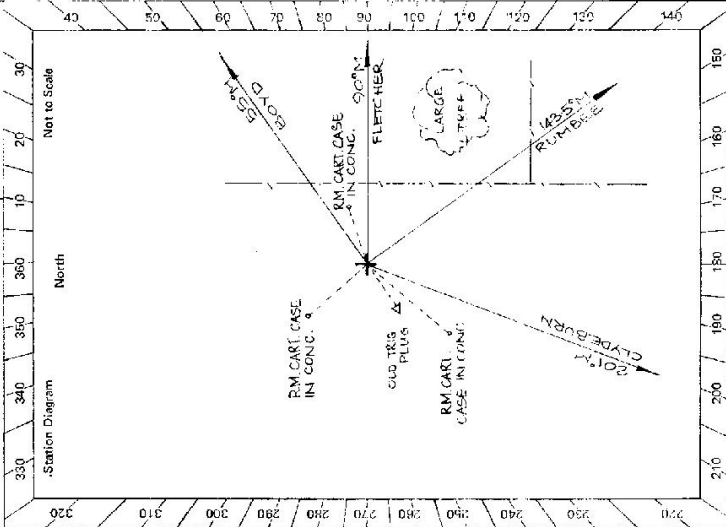
STATION: **MATHEWSON (P)** TS No.: **5511**

MAP SHEET SCALE 1:250 000

INSPECTED BY: **S. GREENING** DATE: **21.3.17**

AUTHORITY: **D.M.R.** FIELD BOOK:

- Description:
- Note: Cross out word or words which do not apply*
- Cleared by lanes bearing... **360°** Vision... **except for large tree to SE** from Trig. Mast
 - Mast & Vanes have been painted white & black respectively. **Pillar, Beacon, Nameplate OK**
 - 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. ^{above} rock/concrete; Mark is.....m. ^{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)
- A.....set in conc./rock has been placed/found, bearing.....°M from Mast/Plug/Pillar
 - A.....set in conc./rock has been placed/found, bearing.....°M from Mast/Plug/Pillar
 - A.....set in conc./rock has been placed/found, bearing.....°M from Mast/Plug/Pillar
 - A.....set in conc./rock has been placed/found, bearing.....°M from Mast/Plug/Pillar
8. Action required.....



STANDPOINT:				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: **Checked:** *Noted on U.T.M. Card*

8: 2733-2 D. West. Government Printer

STATION MATHESON (P) TS 5511

Not to Scale

Beacon Diagram

Owner's Name:
 Address:
 Phone:

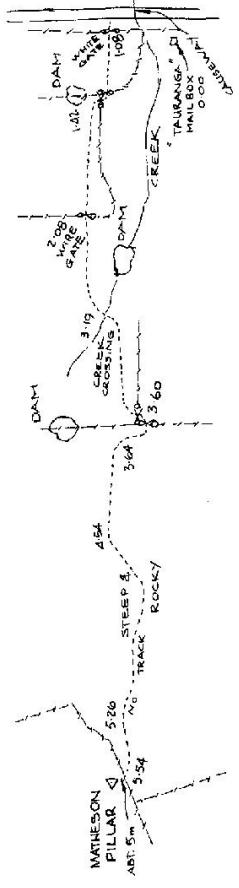
Current Occupant:
 Address:
 Phone:

Previous Access Report of...../19..... was found suitable/unsuitable. from Inverell
 unsuitable from Glen Innes

4WD ACCESS ONLY

From Glen Innes

O DO GLEN INNES R.O. LEANS
 TOWN VIA GUNYRA HIGHWAY.
 10.35 TURN RIGHT & FOLLOW ROAD
 26.45 "TAURANGA" MAILBOX



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.
m. below G.L.

Diameter of Vanesm. Height of Cairnm.

Original Beacon has/has not been destroyed by me.

Date	Record of Station

GEODETTIC SURVEY OF N.S.W.

CENTRAL MAPPING AUTHORITY

GEODETTIC STATION RECONNAISSANCE and MAINTENANCE REPORT

STATION: MATHESON GSOP No: 5511

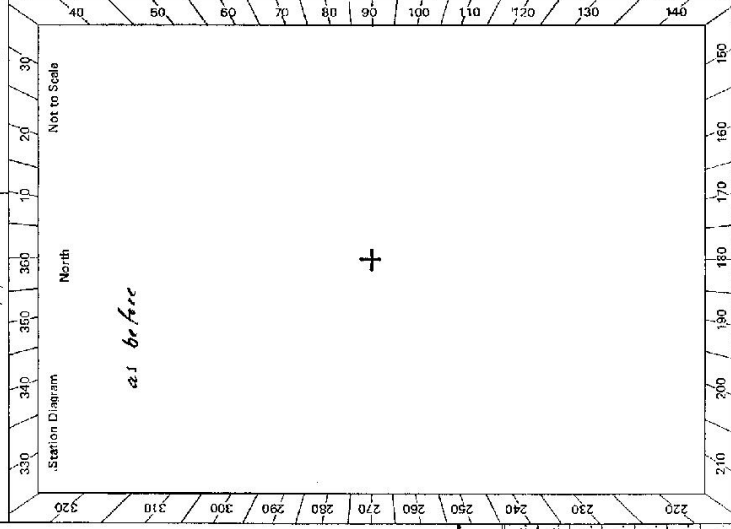
MAP SHEET SCALE 1:250 000 Inverted

INSPECTED BY: D. Kalysside DATE: 27.6.78

AUTHORITY: CMA 67/1/1 FIELD BOOK: -

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

1. Cleared by ~~hoses~~ *beating* *200* 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. ^{above} _{below} rock/concrete; Mark is m. ^{above} _{below} G.L. *set*
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) *0*
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: *As above repaired*



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
			above standpt
			below standpt

Prepared by: K. Zaheer 9/1/78 Checked: *[Signature]* Noted on U.T.M. Card

CENTRAL MAPPING AUTHORITY

GEODETTIC SURVEY OF N.S.W.

GEODETTIC STATION RECONNAISSANCE and MAINTENANCE REPORT

Description:

1. Cleared by lanes bearing $142^{\circ} - 281^{\circ}$ $284^{\circ} - 293^{\circ}$ $310^{\circ} - 270^{\circ}$ $52^{\circ} - 98^{\circ}$ 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 unpiled/not unpiled/constructed on.....19....., dimensions now being:
 Description of mark ~~CONC. PILLAR~~ ~~PLATE~~ should be explicit, e.g., S/Steel Pillar Plate, Steel plate, Brass plate, Bolt, G.I. pipe

Height of mark ~~1.325~~ m. above ~~rock/concrete~~ Mark is ~~1.375~~ m. above ~~G.L.~~
 Diameter of Vanes (vertical) ~~0.750~~ m.

Height of Top Vanes to Top Mark/Pillar plate ~~1.455~~ m. Name Plate found/~~not found~~/placed. ✓

Height of Cairn.....m. Diameter of Cairn.....m. (approximate if not unpiled)

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

4. A. CARTRIDGE CASE (A) (7.5 G.P.S.) set in conc/rock has been placed/found, bearing $222^{\circ} / 0^{\circ} M$ from Mast/Pillar/Pillar

5. A. CARTRIDGE CASE (1) set in conc/rock has been placed/found, bearing $213^{\circ} / 0^{\circ} M$ from Mast/Pillar/Pillar

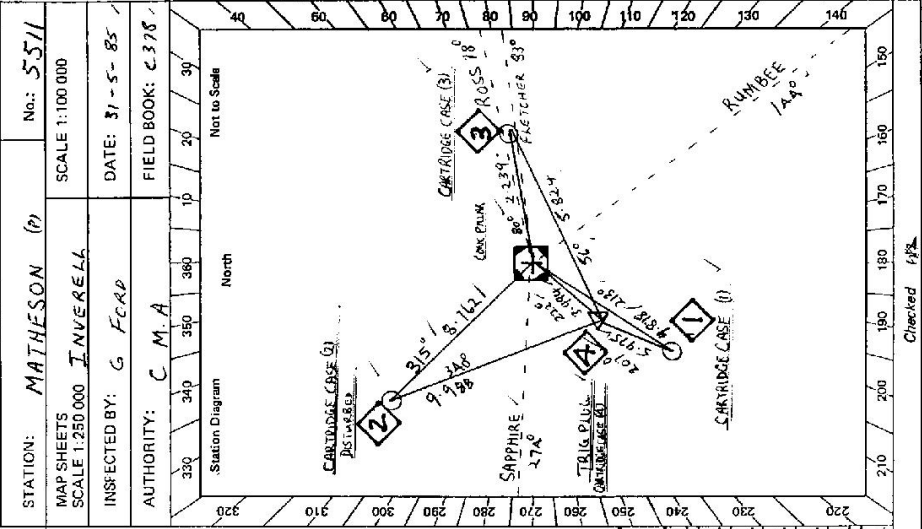
6. A. CARTRIDGE CASE (2) set in conc/rock has been placed/found, bearing $315^{\circ} / 0^{\circ} M$ from Mast/Pillar/Pillar

7. A. CARTRIDGE CASE (3) set in conc/rock has been placed/found, bearing $80^{\circ} / 0^{\circ} M$ from Mast/Pillar/Pillar

8. Action required:.....

STANDPOINT: CONC PILLAR			STANDPOINT: TRIG PILE			
Mark	Direction	Horiz. Distance	Height Difference	Direction	Horiz. Distance	Height Difference
ROSS (P)	0 00 00		above standpt	0 00 00		above standpt
CARTRIDGE CASE (3)	5 25 00	2.239	1.363	6 30 10		above standpt
FLETCHER (P)	6 20 20		above standpt	65 11 40		above standpt
RUMBEE (P)	65 12 00		above standpt	125 50 40	9.75	0.018
CARTRIDGE CASE (1)	73 17 30	4.878	1.330	194 39 00		above standpt
CARTRIDGE CASE (2)	141 49 40	3.994	1.632	261 02 00	9.88	0.027
SAPPHIRE (P)	194 37 50		above standpt	321 24 20	3.992	1.637
CARTRIDGE CASE (3)	237 35 10	8.762	1.660	337 12 10	5.824	0.271

Prepared by: *BB 17/16/85* Checked: *f. h. 24 75* Noted on U.T.M. Card *14*

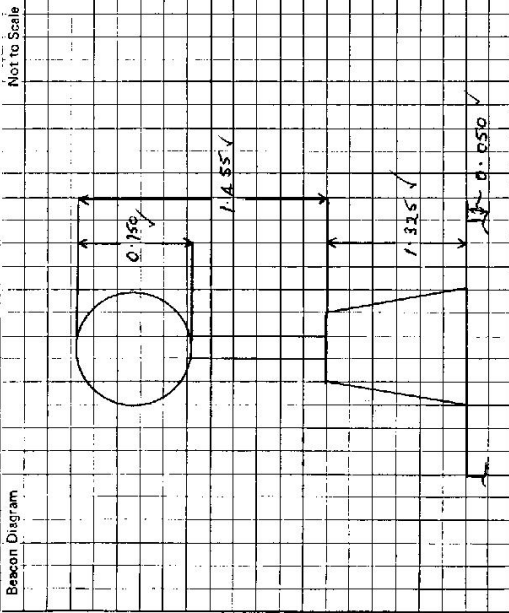


Checked *f.h.*

STATION MATHESON RD TS 5511

Owner's Name: N. WHITAKER
 Address: TAWARAHA
 Phone: 067 336788

Current Occupant:
 Address:
 Phone:



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 rock/conc.

Diameter of Vanesm.

Height of Calmm.

Original Beacon has/has not been destroyed by ma.

ACCESS

Access Report of 21.5.1985 was found suitable/unsuitable.
 0.00 INVERELL P.C. TOWARDS GLEN JAMES
 17.15 TURN LEFT WOOD STREET 13 KM.
 22.24 BRIDGE
 28.93 TURN RIGHT SIGN POST MATHESON 26 KM
 37.34 PASS RD L.H.S MATHESON 19 KM
 45.50 PASS RD L.H.S MATHESON 10 KM
 46.80 'TAURANGA' TURN RIGHT THROUGH GATE
 47.15 OWNERS HOUSE PASS HOUSE + SHEDS ON LEFT UP LANE WAY TO (AT)ICE YARDS
 47.42 IRON GATE AT YARDS
 47.45 TAKE R.H GATE VEER RIGHT AROUND YARDS + FOLLOW PAINT TRAILS TO LEFT
 47.94 CREEK CROSSING
 47.98 WIRE GATE LEFT ALONG FENCE TO 48.24 WIRE GATE IN FENCE CORNER
 48.35 PASS DAM ON L.H.S.
 48.68 STRAIGHT ACROSS OPEN Paddock IN DIRECTION OF HILL
 49.27 CREEK CROSSING
 49.67 THROUGH L.H WIRE GATE
 49.84 CREEK CROSSING
 50.00 PASS DAM ON R.H.S.
 50.40 STRAIGHT AHEAD FOLLOWING BLAZES
 51.24 TRIG.

Date

Record of Station

GEODETIC SURVEY OF N.S.#

CENTRAL MAPPING AUTHORITY

GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

Description:

Note: Cross out word or words which do not apply

1. Cleared by lanes bearing..... 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. above rock/concrete; Mark is.....m. above 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)
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 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: *[Signature]* 1987

Checked: *[Signature]*

Notes on U.T.M. Cont.

STATION: **MATHESON** No.: **TS 5511**

MAP SHEETS SCALE 1:250 000 **INVERELL** SCALE 1:100 000

INSPECTED BY: **G. FORD** DATE: **2/2/87**

AUTHORITY: **C. M. A.** FIELD BOOK: **1958**

Station Diagram

Not to Scale

en 2733-2 C West Government Printer Beacon Diagram: Not to Scale	STATION: MATHESON (P) JS 5511	Current Occupant: Address: Phone:	Access Report of 21.2.1987 (was found suitable/unavailable). GLEN INNES P.O. NORTH ALONG CRAE ST. (MAIN ST) TURN LEFT AND HEAD TOWARDS INVERELL CROSS RAILWAY LINE TURN RIGHT SIGN KINGSLAND WELLS GROVE 19 CROSS CONC BRIDGE AND PASS ROAD ON RIGHT SIGN WELLS GROVE TURN LEFT THROUGH IRON GATE "TAURANGA" PASS ACCESS OWNERS HOUSE AND SHOPS ON LEFT HEAD TO CATTLE YARDS THROUGH IRON GATES BEFORE YARDS TURN LEFT & GO THROUGH RIGHT HAND IRON GATE AND FOLLOW TRACK TO RIGHT THROUGH IRON GATE ON RIGHT] TURN LEFT & FOLLOW FENCE [THANK] THROUGH WIRE GATE [GREEN IRON GATE ON RIGHT] TURN LEFT & FOLLOW FENCE [THANK] LARGE WIRE GATE PASS DAM ON LEFT (OVER FENCE) HEAD STRAIGHT ACROSS OPEN LAND CREEK CROSSING THROUGH LEFT HAND WIRE GATE FOLLOW LANE CLEARED [FOR NEW FENCE] STRAIGHT AHEAD CROSS CREEK [FOR NEW FENCES] HEAD UP HILL CROSS LANE [FOR NEW FENCES] HEAD UP HILL HEAD HEADING UP HILL FENCE CORNER MATHERSON PILLAR JUST OVER FENCE.
Access Owner's Name: M. WHITAKER Address: "TAURANGA" Phone: 067 336 788	ACCESS: 21-2-1987	Date Record of Station	
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 rock/conc.....m. below G.L. Diameter of Vanes.....m. Height of Cairn.....m. Original Beacon/has/has not been destroyed by me.			

LAND INFORMATION CENTRE

GEODETIC SURVEY OF N.S.W.

GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

STATION: **Matheson Pillar** No.: **5511**

MAP SHEET SCALE 1:250 000 **INVEST 511**

INSPECTED BY: **D. Kain** DATE: **15.2.1991**

AUTHORITY: **L I C** FIELD BOOK: **—**

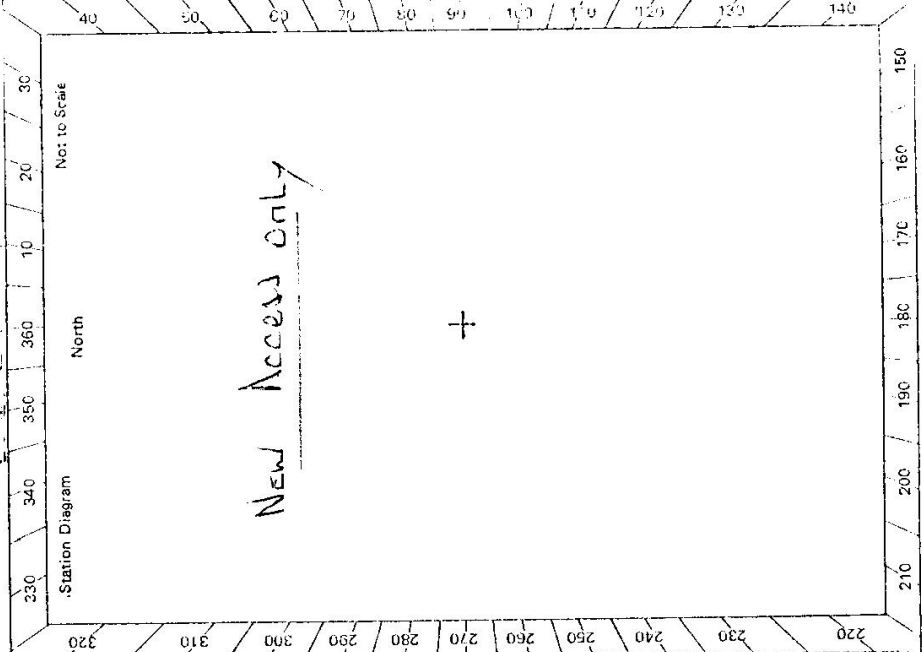
Description: *Note: Cross out word or words which do not apply*

1. Cleared by lanes bearing **For G.P.S. See L.I.C. Plot** 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 **above** rock/concrete; Mark is **above** G.L.
 - Height of Top Vanes to Top Mark/Pillar plate **Diameter of Vanes (vertical)** m.
 - Height of Cairn **Diameter of Cairn** m. Name Plate found/not found/placed.
 - Length of Mast **(approximate if not unpiled)** m.
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:				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: **D. KAIN** Checked: **Noted on U.T.M. Card**



STATION **MATHESON (Pillar) 5511**

Owner's Name: **MR. NORMAN TUNER**
 Address: **"LAURISTON" TAVARELL**
 Phone: **(067) 272 058**
 Access Report of **21.7.87** was found suitable/unsuitable.

Access Owner: **MATHESON (Pillar) 5511**
 Current Occupant: **MATHESON VIA GLEN INNERS**
 Address: **TAVARANNA**
 Phone: **(067) 336 788**
 ACCESS **15-2-1991**

FEATURE
 GLEN INNES BEST OFFICE TRAVEL NORTH ALONG GREY STREET. (MAIN STREET.)
 TURN LEFT AND HEAD TOWARD INVERELL.
 CROSS RAILWAY LINE.
 TURN RIGHT SIGNPOST "KIN ISLAND WELING GROVE 19".
 CROSS CONCRETE BRIDGE AND PASS ROAD ON RIGHT SIGNPOST WELING GROVE.
 TURN LEFT THROUGH IRON GATE "TAVARANNA".
 PASS ACCESS OWNERS HOUSE AND SHEDS ON LEFT, HEAD TOWNED CATTLE YARDS.
 THROUGH IRON GATE BEFORE YARDS.
 TURN LEFT AND GO THROUGH RIGHT HAND IRON GATE AND FOLLOW TRACK TO RIGHT ACCESS CULTIVATED Paddock.
 THROUGH IRON GATE (IRON GATE ON YOUR LEFT).
 WIRE GATE (CALVIN ELECTRIC FENCE).
 PASS DAM OVER FENCE ON YOUR L.H.S.
 HEAD STRAIGHT AHEAD ACCESS OPEN COUNTRY.
 CREEK CROSSING.
 THROUGH LEFT HAND Gate, TRAVEL STRAIGHT AHEAD.
 CREEK CROSSING.
 THROUGH OPENING IN FENCE FOR GATE NOT YET SWUNG KEEP FOLLOWING FENCE UP HILL WITH FENCE ON YOUR L.H.S.
 KEEP HEADING UP HILL.
 AT FENCE CORNER 31.73 MATHESON PILLAR ON YOUR RIGHT OVER FENCE

KM.	Feature	Date	Record of Station
0.00			
0.17			
1.04			
18.98			
22.79			
27.26			
27.68			
27.91			
27.93			
28.46	Ahead		
28.79			
28.86			
29.12			
29.80			
30.12			
30.41			
30.81			
31.23			
31.46			

Beacon Diagram: Not to Scale

Owner to be contacted either as property or if not at home leave note under door to inform owner you are on his property.

Time: Glen Innes to 1 Hour

This section to be completed by office: 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/not been destroyed by me.

CENTRAL MAPPING AUTHORITY
Department of Lands

Trigonometrical Survey of N.S.W.

RECONNAISSANCE and MAINTENANCE REPORT

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 ~~lines-bearing~~ **from Trig-Mast**
- 3. Trig-Mast & Vanes have been painted white & black respectively.
- 4. The Trig. was unpiled/~~rest-unpiled~~, dimensions now being: Original Station Mark found/~~not-found~~
Description of mark **Concrete Pillar** should be explicit, e.g. Steel plug, Brass plug, Bolt, G.I. Pipe
Top of ~~SP/590?~~ **0.012** m above ~~rock/concrete~~ **steel/pillar plate**
Height of mark **0.000** m above ~~rock/concrete~~ **G.L.**
Height of Top Vanes to Top Mark **1.460** m / Diameter of Vanes (vertical) **0.153** m.

Height of Cairn **0.000** m Diameter of Cairn **0.000** m

Length of Mast **1.520** m. (approximate if not unpiled)

- 5. A ~~carriage~~ ^{found} set in conc./~~rest~~ has been placed **3.924** m, bearing **272**° M from Trig. Mast
- 6. A ~~carriage~~ ^{found} set in conc./~~rest~~ has been placed **9.868** m, bearing **211**° M from Trig. Mast
- 7. A ~~carriage~~ ^{found} set in conc./~~rest~~ has been placed **8.756** m, bearing **314**° M from Trig. Mast
- 8. A ~~carriage~~ ^{found} set in conc./~~rest~~ has been placed **2.332** m, bearing **86**° M from Trig. Mast
- 9. Connection ^{old trig} ~~mark~~ to ~~carriage~~ ^{new} ~~case 1~~ is **5.966** m, bearing **205**° M
- 10. Connection ^{old trig} ~~mark~~ to ~~carriage~~ ^{new} ~~case 2~~ is **5.818** m, bearing **57**° M
- 11. Connection ~~case 1~~ to ~~carriage~~ ~~case 3~~ is **11.356** m, bearing **44**° M
- 12. Connection ~~case 1~~ to ~~carriage~~ ~~case 2~~ is **11.356** m, bearing **9M**
- 13. Diff. Ht. ~~old trig mark (carriage case)~~ is **1.632** m, above ~~pillar plate~~
- 14. Diff. Ht. ~~carriage case 1~~ is **1.559** m, above ~~pillar plate~~
- 15. Diff. Ht. ~~carriage case 2~~ is **1.660** m, above ~~pillar plate~~
- 16. Diff. Ht. ~~carriage case 3~~ is **1.857** m, above ~~pillar plate~~

Prepared by: **D. Kinglake**

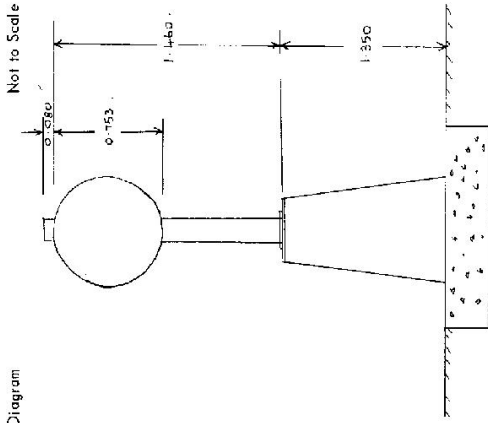
Checked: **A. S. ...**

Noted on U.T.M. Card

STATION **MATHESON PILLAR T.S.5511**

Co: **Gouga.** | Ph: **Baker/202**
Map Sheet: **INNERELL SOUTH** | No: **9138 S**
Inspected by: **D. FREDKINSEN** | Date: **3.12.75**
Authority: **CMO 72/66** | Field Book: **A6 1471**

Beacon Diagram



Date: **10/7/75**
21/7/75
Record of Station
Target placed over cairn
Conc. Pillar erected, old trig unpiled.

Checked by **24/7/75**

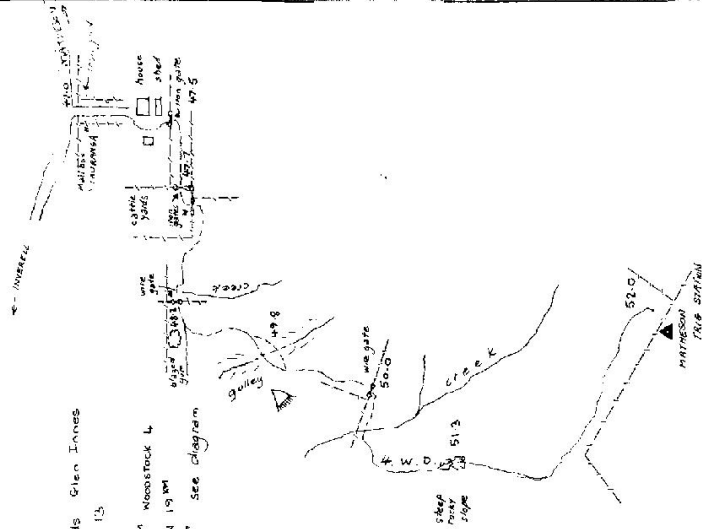
STATION **MATHESON PILLAR T.S 5511**

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

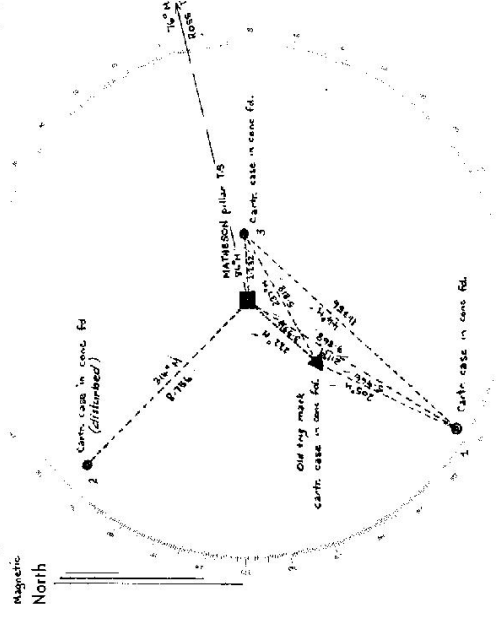
Address.....
 Address.....

Access 3-12-1975

- | Km | Feature |
|------|---|
| 0.0 | Inverell P.O travelling towards Glen Innes |
| 16.9 | Turn left, sign WOODSTOCK 13 |
| 22.0 | End of brummen & bridge |
| 28.8 | Turn right, sign MATHESON 26 km WOODSTOCK 4 |
| 37.5 | Straight ahead, sign MATHESON 19 km |
| 47.0 | Turn right, sign "TRURANGA" see diagram |



Station Diagram
 Magnetic North



List of Observed Directions:-

Station	Direction	Station	Direction
Ross T.S.	359° 59' 40"	Ross T.S.	359° 59' 40"
Concrete pillar fd.	312° 19' 30"	Concrete pillar fd.	321° 52'
Old trig mark (cont case)	305° 55' 30"	Cart. case 1 in conc. fd.	125° 56' 00"
Cart. case 3 in conc. fd.	301° 21' 40"	Cart. case 3 in conc. fd.	337° 11' 00"

Station	Direction	Station	Direction
Ross T.S.	359° 59' 40"		
Old trig mark (cont case)	141° 51'		
Cart. case 1 in conc. fd.	132° 18' 00"		
Cart. case 2 in conc. fd.	227° 34' 00"		
Cart. case 3 in conc. fd.	5° 21'		

GEODETIC SURVEY OF N.S.W.

CENTRAL MAPPING AUTHORITY

GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

STATION: **MATHEWSON (P)** TS No.: **5511**

MAP SHEET SCALE 1:250 000

INSPECTED BY: **S. GREENING** DATE: **21.3.17**

AUTHORITY: **D.M.R.** FIELD BOOK:

Description: *Note: Cross out word or words which do not apply*
 1. Cleared by lanes bearing **360°** *Vision, except for large tree to SE* from Trig. Mast
 2. Mast & Vanes have been painted white & black respectively. **Pillar, Beacon, Nameplate OK**
 3. The station/pillar was unpiled/not unpiled/constructed on **19**m, 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. ^{above} rock/concrete; Mark ism. ^{above} G.L. _{below}

Height of Top Vanes to Top Mark/Pillar platem. 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)

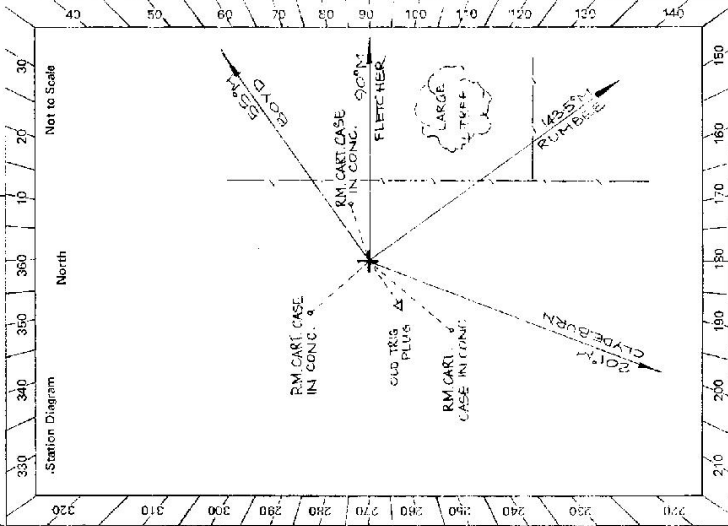
4. A.....set in conc/rock has been placed/found, bearing.....°M from Mast/Plug/Pillar

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.....



OBSERVED

STANDPOINT:				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: *Noted on U.M. Card*

6:2733-2 D. West, Government Printer

STATION **MATHESON (P) TS 5511**

Beacon Diagram

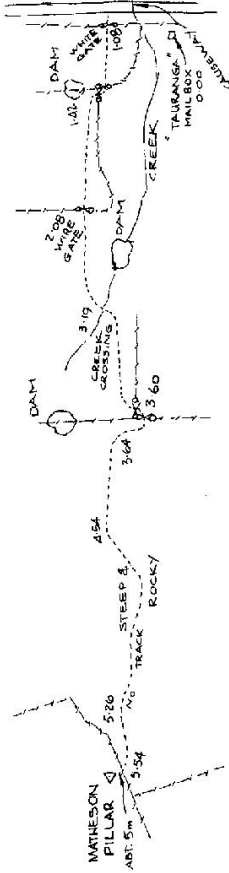
Not to Scale

Owner's Name:
 Address:
 Phone:

Current Occupant:
 Address:
 Phone:
ACCESS 21-3-1977
 Previous Access Report of/...../19.... was found suitable/unsuitable. from Inverell
 unsuitable from Glen Innes

4WD ACCESS ONLY
 From Glen Innes

O DO GLEN INNES RD, LEANE
 TOWN VIA GRAYRIGG HIGHWAY
 10.35 TURN RIGHT & FOLLOW ROAD
 26.43 "TAURANGA" MAILBOX



Date

Record of Station

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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 Markm.

Height of markm. above G.L.,
m. below

Diameter of Vanesm. Height of Cairnm.

Original Beacon has/has not been destroyed by me.

GEODETTIC SURVEY OF N.S.W.

CENTRAL MAPPING AUTHORITY

GEODETTIC STATION RECONNAISSANCE and MAINTENANCE REPORT

STATION: MATHEWSON GSOP No: 5511

MAP SHEET SCALE 1:250 000 Inverted

INSPECTED BY: D. Kalysside DATE: 27.6.78

AUTHORITY: CMA 67/1/1 FIELD BOOK: -

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

1. Cleared by ~~hence bearing~~ *260* 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. ^{above} ~~below~~ rock/concrete; Mark is m. ^{above} ~~below~~ G.L. *6.50*
 - 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) *0*
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: *40. as above replaced*

STANDPOINT:

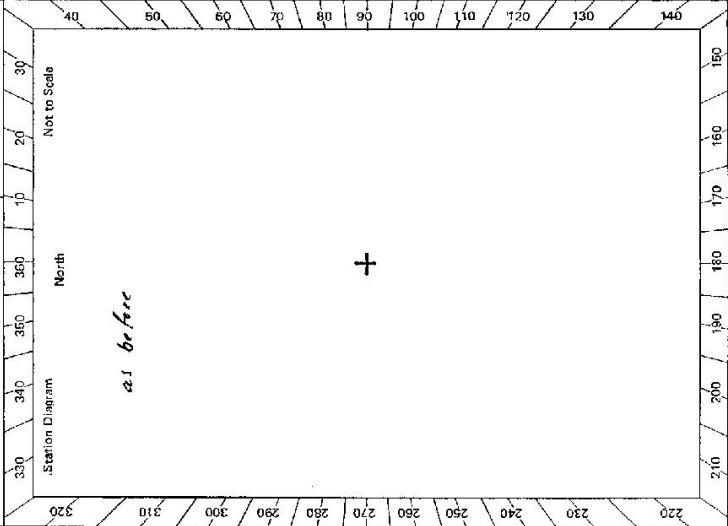
Mark	Direction	Horiz. Distance	Height Difference	Mark	Direction	Horiz. Distance	Height Difference
			above standpt				above standpt
			below standpt				below standpt
			above standpt				above standpt
			below standpt				below standpt
			above standpt				above standpt
			below standpt				below standpt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

Checked:

Noted on U.T.M. Card

Prepared by: K. Zaara 9/1/78

ST 2733-1



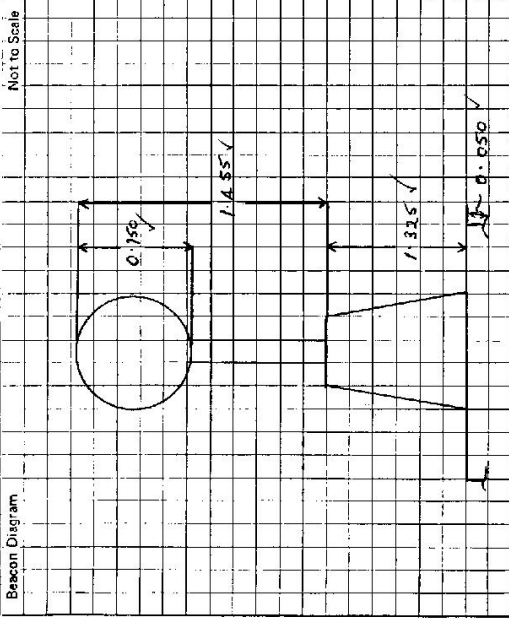
STATION **MATHESON RD TS 5511**

Owner's Name: **N. WHITAKER**
 Address: **TAURANGA**
 Phone: **067 336788**

Current Occupant:
 Address:
 Phone:

ACCESS

Access Report of **21.5.1985** was found suitable/unsuitable.
 0.00 **INVERELL P.C. TOWARDS GLEN JAMES**
 17.15 **TURN LEFT WOOD STREET 134M.**
 22.24 **BRIDGE**
 28.93 **TURN RIGHT SIGN POST MATHESON 264M**
 37.34 **PASS RD L.H.S MATHESON 194M**
 45.50 **PASS RD L.H.S MATHESON 104M**
 46.80 **"TAURANGA" TURN RIGHT THROUGH GATE**
 47.15 **OWNERS HOUSE PASS HOUSE + SHEDS ON LEFT UP LANE WAY TO WATICE YARDS**
 47.42 **IRON GATE AT YARDS**
 47.45 **TAKE R.H GATE**
 47.94 **VEER RIGHT AROUND YARDS + FOLLOW PAINT TRACK TO LEFT CREEK CROSSING**
 47.98 **WIRE GATE LEFT ALONG FENCE TO**
 48.35 **PASS DAM ON L.H.S.**
 48.68 **STRAIGHT ACROSS OPEN Paddock IN DIRECTION OF HILL**
 49.27 **CREEK CROSSING**
 49.67 **THROUGH L.H WIRE GATE**
 49.84 **CREEK CROSSING**
 50.00 **PASS DAM ON R.H.S.**
 50.40 **STRAIGHT AHEAD FOLLOWING BLAZES**
 51.24 **TRIG.**



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 rock/conc.....m. below
 Diameter of Vanesm. Height of Cairnm.
 Original beacon has/has not been destroyed by ma.

Date	Record of Station

GEODETIC SURVEY OF N.S.#

CENTRAL MAPPING AUTHORITY

GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

Description:

1. Cleared by lanes 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..... above below rock/concrete; Mark is.....m..... above below 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)

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

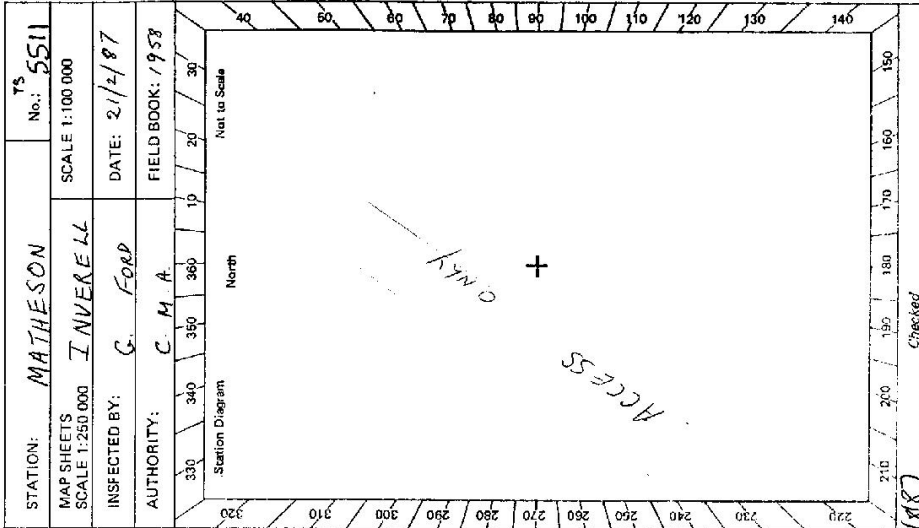
8. Action required:.....

STANDPOINT:

Mark	Direction	Horiz. Distance	Height Difference	Mark	Direction	Horiz. Distance	Height Difference
			above standpt				above standpt
			below 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: *J. Ford 2nd March 1987* Checked: *AP 10/11/88*

Notes on U.T.M. Grid



en 2733 - 2 C West Government Printer Beacon Diagram Not to Scale	STATION: MATHESON (P) JS 5511	Current Occupant: Address: Phone:	Access Report of 21.2.1987 (was found suitable/unavailable). GLEN INNES P.O. NORTH ALONG CREEK ST. (MAIN ST) TURN LEFT AND HEAD TOWARDS INVERELL CROSS RAILWAY LINE TURN RIGHT SIGN KINGSLAND WELLS GROVE 19 CROSS CONC BRIDGE AND PASS ROAD ON RIGHT SIGN WELLS GROVE TURN LEFT THROUGH IRON GATE "TAURANGA" PASS ACCESS OWNERS HOUSE AND SHOPS ON LEFT HEAD TO CATTLE YARDS THROUGH IRON GATES BEFORE YARDS TURN LEFT & GO THROUGH RIGHT HAND IRON GATE AND FOLLOW TRACK TO RIGHT THROUGH IRON GATE ON RIGHT] TURN LEFT & FOLLOW FENCE [THANK]
Access Owner's Name: M. WHITAKER Address: "TAURANGA" Phone: 067 336 788		ACCESS: 21-2-1987	0.0 0.17 1.04 18.98 22.79 27.26 27.68 27.91 27.93 28.46 28.74 28.86 29.18 29.8 30.18 30.41 30.81 31.23 31.46 31.73
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 rock/conc.....m. below G.L. Diameter of Vanes.....m. Height of Cairn.....m. Original Beacon/has/not been destroyed by me.		THROUGH WIRE GATE [GREEN IRON GATE ON RIGHT] TURN LEFT & FOLLOW FENCE [THANK] LARGE WIRE GATE PASS DAM ON LEFT (OVER FENCE) HEAD STRAIGHT ACROSS OPEN LAND CREEK CROSSING THROUGH LEFT HAND WIRE GATE FOLLOW LAKE CLEARED [FOR NEW FENCE] STRAIGHT AHEAD CROSS CREEK CROSS LAKE [FOR NEW FENCES] HEAD UP HILL HEAD HEADING UP HILL FENCE CORNER MATHERSON PILLAR JUST OVER FENCE.	
Date		Record of Station	

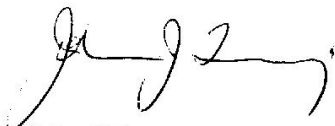
MATHESON [P] T.S. 5511

Access report as at 03/11/97

Good GPS sky.

All distances are in kilometres.

- 0.0 Glen Innes Post Office - head West on Gwydir Hwy.
- 18.3 Turn right off Gwydir Hwy. at sign "Wellingrove 19" "Kingsland".
- 26.6 Turn left through gate "Tauranga" opposite "Downfield", follow track to owner's house.
- 26.95 Pass house on left, -- take R.H. fork (left goes to shed), -- follow track.
- 27.2 Through iron gate, -- turn left.
- 27.25 Go through R.H. iron gate (electric wire over), -- turn right around fence and follow track.
- 27.75 Through iron gate, turn left and follow wheel tracks keeping fence on left.
- 28.05 Through wire gate (electric), follow wheel tracks through timber.
- 28.45 End of timber, follow faint wheel tracks across paddock.
- 29.05 Cross watercourse at start of timber, follow track through timber.
- 29.35 Through iron gate, follow tracks keeping fence on left.
- 29.65 Fence angle left, follow tracks up hill keeping fence on left.
- 29.95 Go through four way fence intersection, up left hand side of fence posts up hill.
- 30.15 End of fence posts.
- 30.25 Go up steep rocky pinch, follow stock track up hill.
- 30.65 Fence corner on right.
- 30.75 Fence angle on right, keep fence on right.
- 30.85 Matheson Trig just over fence on right.



John J Tierney
Registered Surveyor
TransGrid