

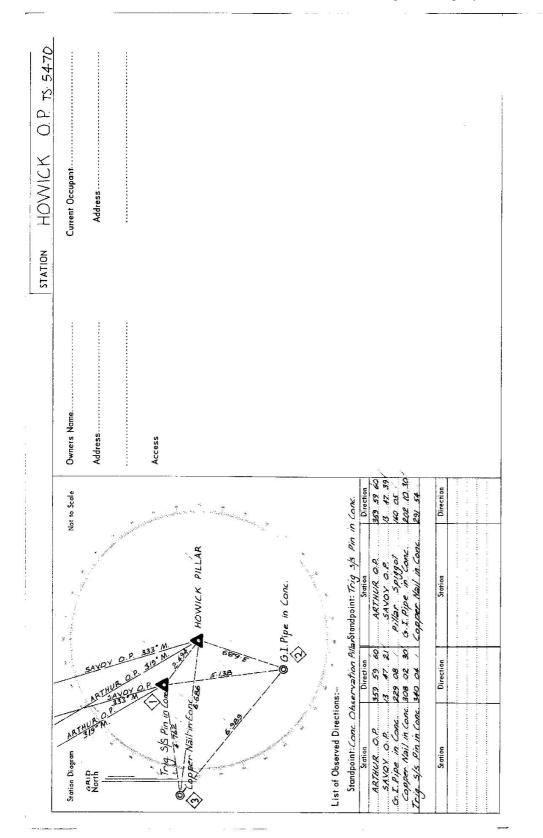
Owners Name M.R. R.YAN Current Occupant (Rilhae) T.S. 5470 Address Mondewat Address Address	Mone. Leannigeron This 129 Access 17-41-1975 Access to Haview (Pillan) T.S FROM Muswell Brook. At Muswell Arook Post Office AT 0.0 Miles Travel Via New ENGLAND Highway Toward Post Office AT 0.0 Miles Travel Via New ENGLAND Mileans 11. 15 Take Serves Rono Off To Your Left. (Red And white Electricity Commission 11. 15 Pase under In England Highway AT Tinkered Referencity Commission 11. 45 Pase under In Gravel Rome Randes A Tower Science In Commission 12. 40 Pase Rono On Your R.H.S. 12. 40 Pase Warte Rumpic Station, Follow Main Geavel Romo.	Macette Lauseways. Inter Track off to Youe Left, Dound Bernteen Th Ses Creek Overn Contract Crustanian Belous E.C Juloimle, Follon Trail to Your Lefte in a Se Leaves OPEN Parsock. Heaven in A Bars Vallen Track with Ferrice on Heaven into Lean Carter Inters, Follow Heaven Two Ean Carter Inters, Follow The Filme.	IN DRO MEATHER IT Mould BE POSSIBLE TO DRIVE A Station SEDAN TYPE VENICLE TO THIS TRIC. DRIVE A	
Station Biogram Real Address North Address Address	Levenhart in Charles and Kis, Pin Levenhart in Arriel Internet (Aund) Arr Musuell Arress 17-4-1975 Access 17-4-1975 Access 17-4-1975 Arress 17-4-1975	Standpoint: STEEL TRIG PW Standpoint: STEEL TRIG PW Station States TS Cherry Leave TS Cherry Leave TS Cherry Leave TS Cherry States ST Station Station Station	K 7.5. 3	

Note: Cers: DUALIAM Ph: H Note: Form Trig. Mast From Trig. Mast From Trig. Mast Ph: H Vision to surrounding Trigs. from Trig. Mast from Trig. Mast Mast Sheet: MUSWELL BACOK - S. A differition to surrounding Trigs. from Trig. Mast from Trig. Mast Mast Sheet: MUSWELL BACOK - S. A differition to surrounding Trigs. A differition to surrounding Trigs. Mast Sheet: Must Sheet: Must Sheet: Must Sheet: A differition to surrounding Trigs. Mast Sheet: Must Sheet: Must Sheet: Must Sheet: Must Sheet: A differition to surrounding Trigs. Mast Sheet: Must Sheet: Must Sheet: Must Sheet: Must Sheet: A differition to surrounding Trigs. Must Sheet: Must Sheet: Must Sheet: Must Sheet: Must Sheet: A differ to unpiled Must Sheet: Must Trig. Mast Must Sheet: Must Sheet: A differition Sheet: A differ to unpiled Must Sheet: Must Sheet: Must Sheet: Must Sheet: A differition Sheet: A differ to unpiled Must Sheet: Must Sheet: Must Sheet: Must Sheet: A differition Sheet: A differ to unpiled Must Sheet: Must Sheet: Must S		DURHAM Ph:
permit 360° vision to surrounding Trigs. Mast ing		
from Trig. Mast general by: <u>C. M. A.</u> <u>Authority C. M. A.</u> <u>Beccon Diagram</u> <u>Beccon Beccon Be</u>		MUSWELLBROOK - S
from Trig. Mast graves (s.L. from the from trig. Mast graves (s.L. from trig. f		
elicit, e.g. Steel plug, Blats plug, Bolt, G.I. Priee <i>L'.H.Z.</i> . m devre G.L. itameter of Vanes (vertical). 0.250 m. itameter of Vanes (vertical). 0.250 m. itamet		с. м.
plicit, e.g. Steel plug, Buass plug, Bolt, G.I. Pipe <i>L.I.d.Z</i> m above G.L. biometer of Vanes (vertical). <i>Q.250</i> m. immerer of Vanes (vertical). <i>Q.250</i> m. <i>Immerer of Vanes (vertical). Q.250</i> m. <i>Immerer of Vanes (vertical). Platemerer of Vanes (vertical). Q.250 m.</i>	3. Trig. Mast & Vanes have been painted white & black respectively.	Beacon Diagram Not to Scale
elicit, e.g. Steel plug, Brass plug, Balt, G.I. Pipe 	4. The Trig. was unpiled/ ast unpiled , amensions now being:	
 I.A.T. In done G.L. Name of Vanes (vertical). 0.250 m. Nimmer of Vanes (vertical). 0.250 m. Immediate of Vanes (vertical). 0.250 m. Immedia	Description of mark <i>Caac.rete. Observation. Pillar.</i> should be explicit, e.g. Steel plug, Brass plug, Balt, G.I.	ور المراجع الم
liameter of Vanes (vertical). 2.250 m. m. m. m. m. m. m. m. m. m.	Height of mark	
19. 28. W from Trig. Mast 19. 26.2 W from Trig. Mast 19. 2.6.2 W from Trig. Mast 19. 2.9 W from Trig. Mast 19. 2.6. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.		
19. 2.9. TRUCONOMITTIG. Mast 19. 2.9. M from Trig. Mast 19. 2.9. M from Trig. Mast 19. 2.9. L. Marting. Mast 19. 2. B. L. Marting. Mast 19. 2. B. L. Marting. Mast 19. 2. 2. 2. 2. Marting. Mast 19. 2. 2. 2. 2. 2. Marting. Mast 19. 2. 2. 2. 2. 2. Marting. Mast 19. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.	Diameter of Caim	}
ig - 288		
ig 2.8.2.9 M from Trig. Mast ig 2.8.9.9 M from Trig. Mast ig 2.9. M from Trig. Mast ig 2.8. M from Trig. Mast c. B. E. M Towners Black Black	5. A.G.L.R.p.Gset in conc/took has been placed. 3.682n. bearing	34.1
ig	6. Acapter: Noi/, set in conc/set has been placed6:686m. bearing	
19	7. ATrig. Pinset in conclessit has been placed. 2:424m. bearing 229	
C. B. 2. / 4/ 16 JUNCICA SERVICA TRIGONOMETRICAL SURVEYCA Plate	8. Aset in conc/rock has been placedm. bearing	
C. B. L. M TO SURVEYOR Black	9. Connection <i>Itry Pin</i> . to G.J. Pipe:5.138 m. besting .16/	
C. B. 21/41 7 SURVICION SENIOR TRIGONOMETRICAL SURVICION Plate		
:		Date
is. 1. 485 , m. atoms	Connectiontototototo.	
is. /: <i>8.4</i> 7. m. cheve below is. /: <i>676</i> . m. cheve	Pillar Pla	
is / 676 m. star		
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lé. Diff. Htism.eve	16. Diff. Htisisisis	· · · · · · · · · · · · · · · · · · ·
Prepared by: L. J. Chrewn, Checked: P. Rollsom Noted on U.T.M. Card Checked	fReden .	Checked

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Department of Lands RECONNAISSANC	RECONNAISSANCE and MAINTENANCE REPORT 2 520 STATION		HOWICK (P) TS 5470
This Trig. Station has been:-	Note: Cross out ward or words which do not apply	Co: DURHAM	Pin: HOWICK
		Map Sheet: NUSWELL BROOK	COOK No: 2033
1. Completely cleared to permit 360° vision to surrounding Trigs. \checkmark		Inspected by P.MCSualk	
2. Cleared by lanes bearing	from Trig. Mast	Authority ISD Newcashe	15He Field Book: P.D.P. 334
3. Trig. Mast & Vanes have been painted white & black respectively.		Beacon Diagram	х х т с
 The Trig. was unpiled/not unpiled, dimensions now being: 			₩
Description of mark. ConCEETE. PLLAC. should be explicit, e.g. Steel plug. Grass plug. Boh, Concrete Pillar	Steel plug, Grass plug, Bolt, Concrete Pillar		91:
Height of markm. m. ^{above} rock/concrete			
be cw hark/Top pillar plate	of Vanes (vertical) 0.76 m.		+
Height of Cairnm. Diameter of Cairn m.			- 0.
Length of Mast			2.0
	14 M. from Trig. Meest/pillar	Henght of Rillar	
6. A. <i>A.P. Set in conc/set</i> ! has been piece d/fd <i>2.68</i> 7m. bearing	209M from Trig. Mess t/pillar	Spicket 0.015 m.	
7. Aset in conc/soil has been p lace d/fd <i>6.684</i> m. bearing263 ² M from Trig. Most/pillar	ietaaM from Trig, Meest∕pillαr		
8. A	^a M from Trig. Mast/pillar		17./
9. Connection Trig Plug to Gir P			
10. Connection			
11. Connectiona.		Date	Record of Station
10		17-11-15 Piller Placed	
13. Diff. Ht. Rillar plate is 156 m. down 55. Trig plug.			
		-	
is./.843 m.			
16 Diff Ht Trig plup is 0.165 m. above C.S.	This of is 1. 202 as heloud 610		

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STATION HOWICK (P) TS 5470	Owners Name Heroic, Pasterial, Co.	Address	* Accessible by 2 wheel Anvie vehicle to within 3 min walk of Trig.	from Singlaton take New England Hmy towards Muswellbrook Take turn off to Liddell Power Stn.	Feature	Liddell Power Station turn off on New England WM.	Take left turn onto road that follows pipeline	through subway under New Eng Hay. (Assi power sh) Pass turn off on right that follows pipelnie, follow	good gravel road.	Pass drift road on left that leads to Jury's Plains.	Conc. causeway.	Turn left off road between two iron grids and head south towards pumping station along faint		loss conc caustivay near pumping shi and turn left in hill Rich increased and init	gradually veering bowards fence on right.	Through Iron gate, follow force to cattle yards.	Unite to southern and of cattle yards and through 2 iron gates. Follow fence to trig.
	Owners Name.Her	Address	Access * Ac	tron Take	<u>Kms</u> .	00	5-1	2.0		9.15	11-35	14.2		46		ら ら い て	2.0
	Not to Scale	نامن ^ع	the second s	Calman II.	N ^a an the	and the state of the		5			Direction	202°10'26	581, bS . 18	Direction	331 08 00		
	an a	·	and the second se	and prug	BILLAR	¢.	~ >	a construction of the second sec	4	Standpoint: S.S. Trig plug	Station TS Arthur PI.	Howek M. GIP	C.S.	Station	agiture T.S.		
-	hick	ur A	. Se trui						ions: *		Direction	229 07'07 286 56'21.5" 296 07'19 5	331 08 15.5	Direction	340 04 49.5		
	Station Diagram	the .	and the second s		6.5.	12. 12.	rtr.r.s	and a	List of Observed Directions:-	Standpoint: Howick Pillar	Station Arthur P.	rats 75.	i 7:5	Station	Trig plug		

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	0	GEODETIC STATION	GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT	and MAINTENA	ANCE REP	ORT	STATION:	HOWICK	K (P)	No.	No.: 5470
Description:		W	Note: Cross out word or words which do not apply	words which do	not apply		MAP SHEET SCALE 1:250 000		Singleton		
	Cleared by lanes bearing from Trig. Mast		****	from Trig	g. Mast		INSPECTED BY:	۲۲: ۲		DATE: 16	16.11.77
2. Mast & Vanes	Mast & Vanes have been painted white & black respectively.	ite & black respectively	<u>۲</u>				AUTHORITY: C.M.A.	C.M.A		FIELD BOOK:	
3. The station/pi	The station/pillar was unpiled/not unpiled/constructed on	npiled/constructed on.		, dimensions n	now being:		dec	340	350 360 .	10 20	30
Description of	Description of markshould be explicit, e.g., \$/Steel Pillar Plate, Steel plug, Brass plug, Bolt, G.I. Pipe	should be explicit, e.g.	., S/Steel Pillar Plate, S	teel plug, Brass p	olug, Bolt,	G.I. Pipe	Station Diagram	agram	North	Not to Scale	cele
Height of mar	Height of markm	ock/concrete;	Mark is	above G.L.			<u> </u>				
Height of Top	Height of Top Vanes to Top Mark/Pillar platem.	illar plate		Diameter of Vanes (vertical)m.	ical)	É	0				
Height of Cair	Height of Cairnm.		Diameter of Cairn	Name Plate found/not found/placed.	d/not four	nd/placed.	LE /				
Length of Mas	Length of Mastmm.	 (approximate if not unpiled) 	t unpiled)				000				
4. A	A	c/rock has been placed.	/found, bearing	.°M from Mast/	/Pług/Pilla	<u> </u>	:/0				
5. A	Abear in conc/rock has been placed/found, bearing	:/rock has been placed,	/found, bearing	°M from Mast/Plug/Pillar	/Plug/Pilla		6ž /				
6. A.	Aset in conc/rock has been placed/found, bearing	c/rock has been placed	/found, bearing	.°M from Mast/Plug/Pillar	/Plug/Pilla		580				
7. A	Aset in conc/rock has been placed/found, bearing	c/rock has been placed	/found, bearing	.°M from Mast/Plug/Pillar	/Plug/Pìllaı	<u> </u>	0/2		+		
8. Action require	Action required:						seo /				
STANDPOINT:			STANDPOINT:				: \0				
Mark	Direction Distance	iz, Height Difference	Mark	Direction	Horiz. Distance	Height Difference	∫ şe				
		above standpt. below				above below standpt,	540				
		above standpt. below				above below standpt.					
		above standpt. below				above below standpt.	0ê2				
		above standpt. below				above standpt.	~				
		sbove standpt. below				above standpt, below					
		above standpt. below				above standpt.	526				
1000		above standpt. below				above standpt. below	210 /	200 /	190 180 1	170 160	150
Prepared by:		Checked:		Not	Noted on U.T.M. Card	A. Card			Charked		

Beaecon Diagram	
	Access woments of AC AA 170
	t t t
	0.00kms kavenswor'an r.0. neaa souun jowarus ainglejou 1.0 - Jake right durn "Lemington 11"
	Grid
	21.0 Fass under power line 22.7 Furn left before gate and follow ferce
	Yardssee sketch
	4.4 Leave yards and follow fence on LHS in an easterly direction.
	25.3 HOWICK (P)
	24.3
This section to be completed by officer constructing piller.	
Original station mark found/not found.	
Description of mark:	SKETCH
Original beacon found/not found.	
Description of beacon:	Record of Station
Height Top of Vanes to Top Mark	
Height of mark	16.11.77 Trie visited. Access updated.
Diameter of Vanesm. Height of Cairnm.	
Original Bescon has/has not been destroyed by me.	

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