

Preliminary Site Survey Document

GENERAL:

Date	16 January 2013	Site Name	Bethany
Candidate	351856 B	Region	Eastern Region, KZN
Name of Surveyor	Brendan Smith	Site Address & Property Description	Portion 8 of Farm No. 14123,
			LOT 5 Zand Spruit
			Off the D2264,
			Bethany
Site Type	Tower <input checked="" type="checkbox"/>	GPS Co-ord-Lat(WGS84)	S28° 40' 45.2"
	Rooftop <input type="checkbox"/>	GPS Co-ord-Long(WGS84)	E29° 20' 11.58"
	Other <input type="checkbox"/>	Altitude (HASLm)	1215m
Town	Bethany	Local Municipality	Okhahlamba
Property Owner	Abel Mvemve		
Contact Details (Tel, Fax & email)	Ben Mvemve 084 300 7619	Postal Address	
Access	24/7/365 <input checked="" type="checkbox"/>	Sole Owner <input checked="" type="checkbox"/>	Government <input type="checkbox"/>
	Business hrs <input type="checkbox"/>	Business Owner <input type="checkbox"/>	Tribal Land Trust <input type="checkbox"/>
	TBA <input type="checkbox"/>	Tribal/Ingonyama <input type="checkbox"/>	TBA <input type="checkbox"/>

GREENFIELD TOWER SITE:

ROOFTOP SITE

Tower structure	Lattice <input checked="" type="checkbox"/>	
	Angle Iron <input type="checkbox"/>	
	Tubular <input type="checkbox"/>	
	Monopole <input type="checkbox"/>	
	Other <input type="checkbox"/> (concrete tower)	
Height of tower?	60m	
Any special requirements?	No	
Access Road Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Access 4x4 <input checked="" type="checkbox"/>	
Ground surface	Access Crane <input type="checkbox"/>	
Clay <input type="checkbox"/> Rock <input type="checkbox"/> Uneven <input type="checkbox"/>	Access Heavy Truck <input checked="" type="checkbox"/>	
Other <input checked="" type="checkbox"/> specify: Grass	Access Other <input type="checkbox"/> specify:	

**INFRASTRUCTURE:**

Approximate length of cable from radios to equipment rack	65m	
Is there security on the site?	No	
Is there good access to the site? If not please explain any problems	Yes	
Are access hours limited? If so state what hours the site is open	No	
Existing commercial power on site?	Yes	
Three phase or single phase?	Three Phase	
Pole number of nearest transformer	T576	
Space for generator?	Yes	
Approx. length of power cable	100m	
If no power, where is the nearest commercial power source?	S28° 40' 41.9" E29° 20' 12.3"	
Existing earthing point on site?	No	

<b>"Buildability" Rating</b>	1- Excellent	<input checked="" type="checkbox"/>
	2- OK, but some specific requirements to be met	<input type="checkbox"/>
	3- Unsuitable	<input type="checkbox"/>

<b>"Coverage" Rating Sector 1</b>	1- Excellent	<input checked="" type="checkbox"/>
	2- Average	<input type="checkbox"/>
	3- Poor	<input type="checkbox"/>
<b>"Coverage" Rating Sector 2</b>	1- Excellent	<input checked="" type="checkbox"/>
	2- Average	<input type="checkbox"/>
	3- Poor	<input type="checkbox"/>
<b>"Coverage" Rating Sector 3</b>	1- Excellent	<input checked="" type="checkbox"/>
	2- Average	<input type="checkbox"/>
	3- Poor	<input type="checkbox"/>

SITE PHOTOS – PANORAMICS (North, clockwise Intervals of 30°)



0°



30°



60°



90°



120°



150°



180°



210°



240°



270°



300°



330°

SITE PHOTOS – POWER



Nearest Three Phase Power Supply

**DIRECTIONS TO SITE**

1. ATC S29.73892 E31.07053
2. Get on M41 and drive north
3. Exit left onto ramp onto Outer Ring Road (N2)
4. Exit left onto ramp onto Western Freeway (N3)
5. Keep right onto Western Freeway (N3) ramp
6. Keep right onto N3 towards Mariannhill Toll Road/Pietermaritzburg
7. Keep right onto N3
8. Exit left onto ramp onto R74
9. Turn left onto R74
10. Turn right onto R616
11. Turn left onto P341
12. Turn left onto D2264
13. Turn left onto Unpaved Road
14. Bethany S28.67922 E29.33655

SITE PHOTOS – ACCESS



Access Road

**SITE PHOTOS – MISCELLANEOUS**



View of Site Looking North



View of Site Looking East



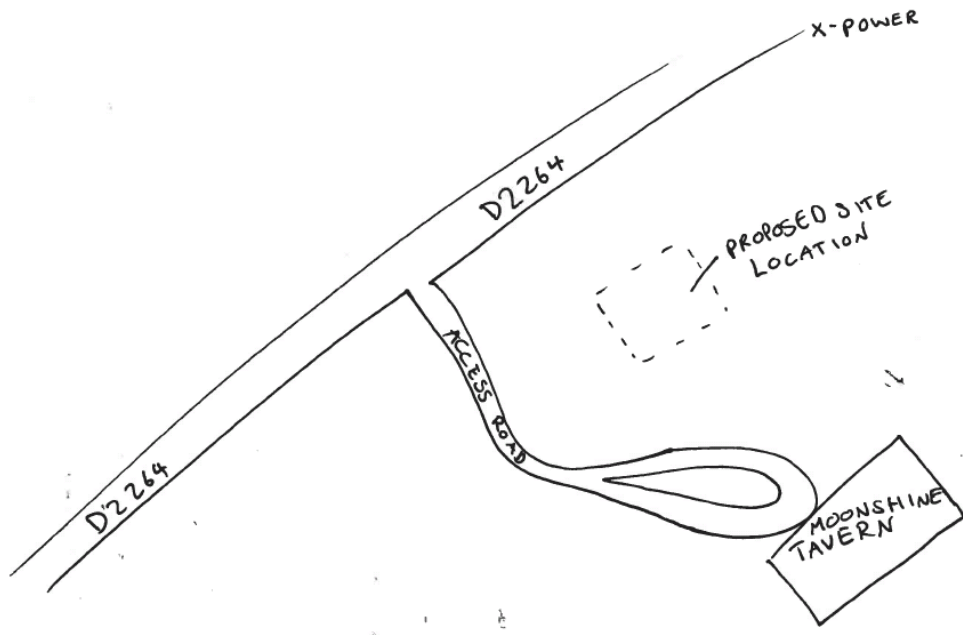
View of Site Looking South



View of Site Looking West

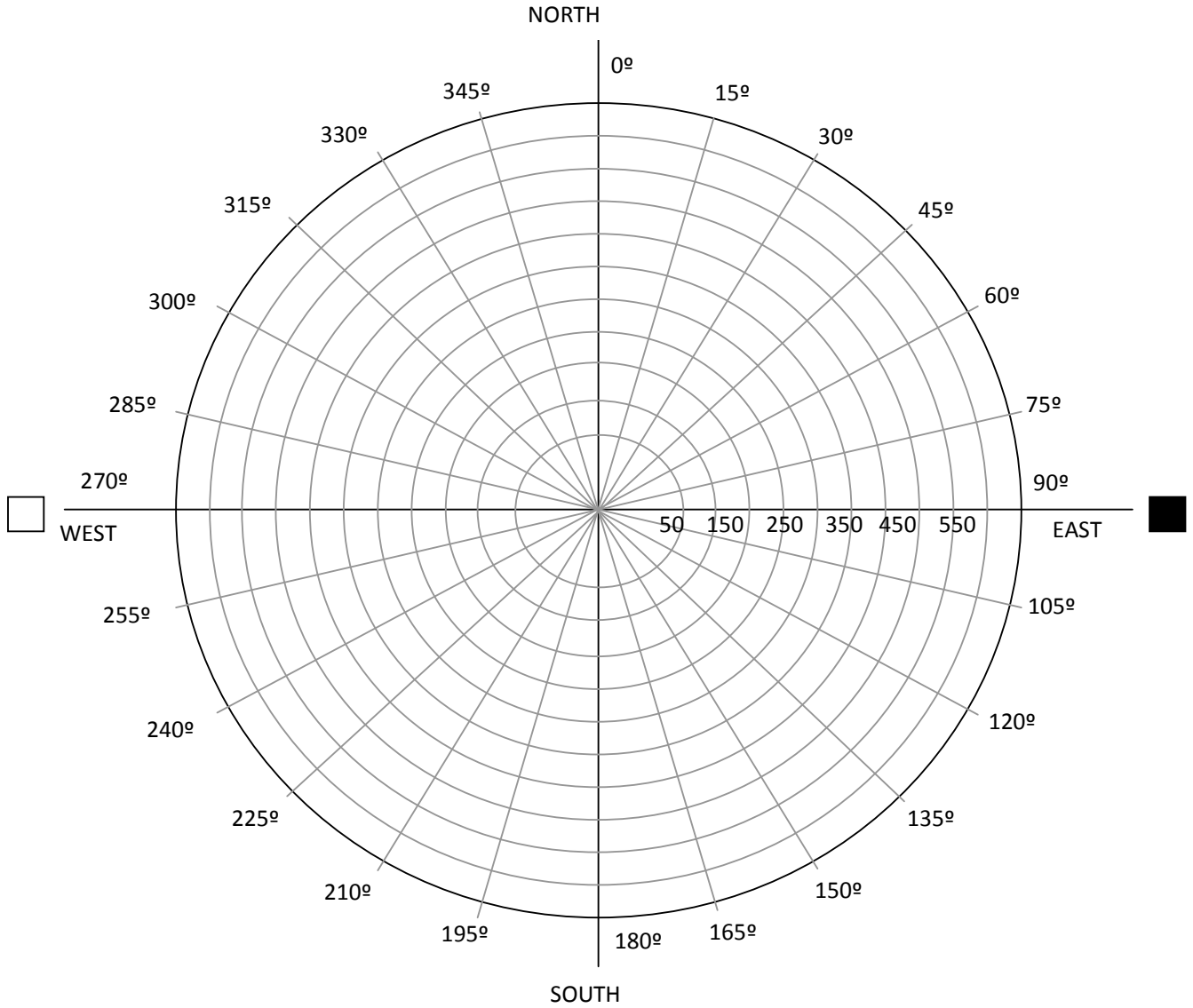






SITE PLAN (SKETCH)



**OBSTACLES DIAGRAM**


Draw the symbols on the diagram and indicate the height of the obstacles:



DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL
Building		Trees / Natural Obstacles	
Tower		Hill/ Ridge	
Other			

**PROPERTY ENQUIRY**

<a href="#">Property</a>	<a href="#">Owner</a>	<a href="#">Deed/Document</a>	<a href="#">LPI Enquiry</a>	<a href="#">Interdict</a>	<a href="#">Document Request</a>	<a href="#">Transfers</a>	<a href="#">Bulk Properties</a>	<a href="#">User Admin</a>	<a href="#">Billing</a>
<b>Property Enquiry Details</b>									

 **Property enquiry results for "GS, 14123, 8" in the Deeds Registry at "PIETERMARITZBURG"**

**Property detail:**

Deeds registry	PIETERMARITZBURG
Property type	FARM
Farm name	LOT 5 ZAND SPRUIT
Farm number	14123
Portion	8
Province	KWAZULU NATAL
Registration division/Administrative district	GS
Local authority	NOT AVAILABLE
Previous description	PTN 1
Diagram deed number	T6880/956
Extent	4.9077 H
LPI Code	N0GS00000001412300008

**Title Deeds detail:**

Document	Registration date	Purchase date	Amount	Microfilm reference	Document copy?
T6880/1956	19560806	-	-	-	Not available

**Owners detail:**

Document	Full name	Identity Number	Share	Person Enquiry?
T6880/1956	MVEMVE ABEL	990000	-	<a href="#">Yes</a>

**Endorsements / Encumbrances:**

Endorsement / Encumbrance	Holder	Amount	Microfilm reference	Document copy?
NATAL RD, 14123, 8	-	-	1994 0083 0983	<a href="#">Yes</a>

[http://www.deeds.gov.za/ITSODEedsWebB/deedsweb/propd\\_doc\\_results.jsp?tagHeader=P...](http://www.deeds.gov.za/ITSODEedsWebB/deedsweb/propd_doc_results.jsp?tagHeader=P...) 1/21/2013

DeedsWeb

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RENUMBER FROM	REG DIV NATAL RD ,NAME LOT 5 ZAND SPRUIT ,NO 14123 ,PRTN 8	-	-	Not available
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**History:**

No data found for this query!

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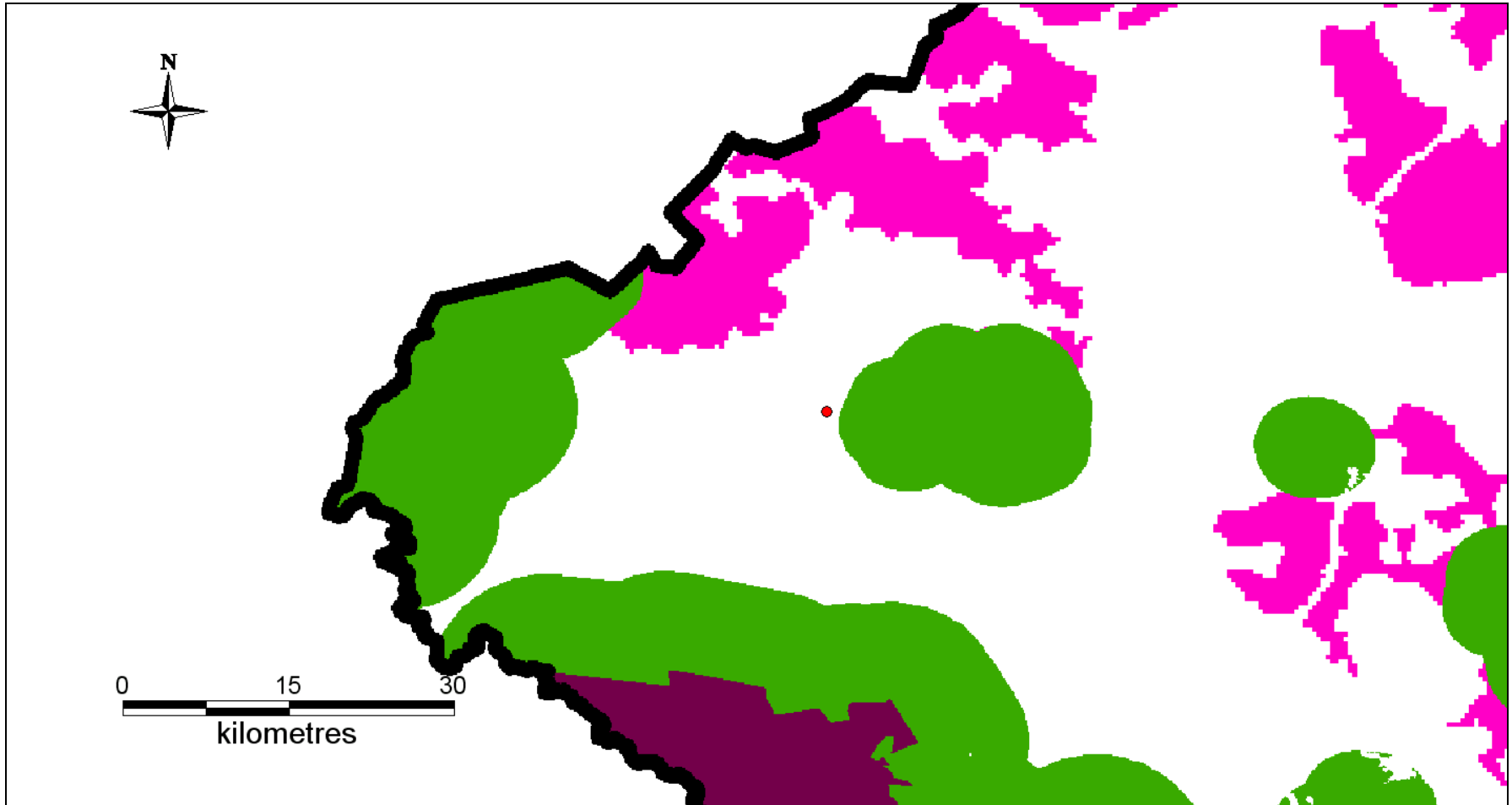
Requested by a0010457 with user reference ATC on: Monday, 21 January 2013 10:35

DeedsWeb Version 4.0.1

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[http://www.deeds.gov.za/ITSODEedsWebB/deedsweb/propd\\_doc\\_results.jsp?tagHeader=P...](http://www.deeds.gov.za/ITSODEedsWebB/deedsweb/propd_doc_results.jsp?tagHeader=P...) 1/21/2013

**ENVIRONMENTAL STATUS**





Preliminary Site Survey Checklist

**Candidate locations overlaid on spatial data (Listing Notice 3 Maps; Version 2, January 2011) which shows the geographical trigger areas as defined in Activity 3, Listing Notice 3 (GNR 546, 18 June 2010).**

Orthophoto

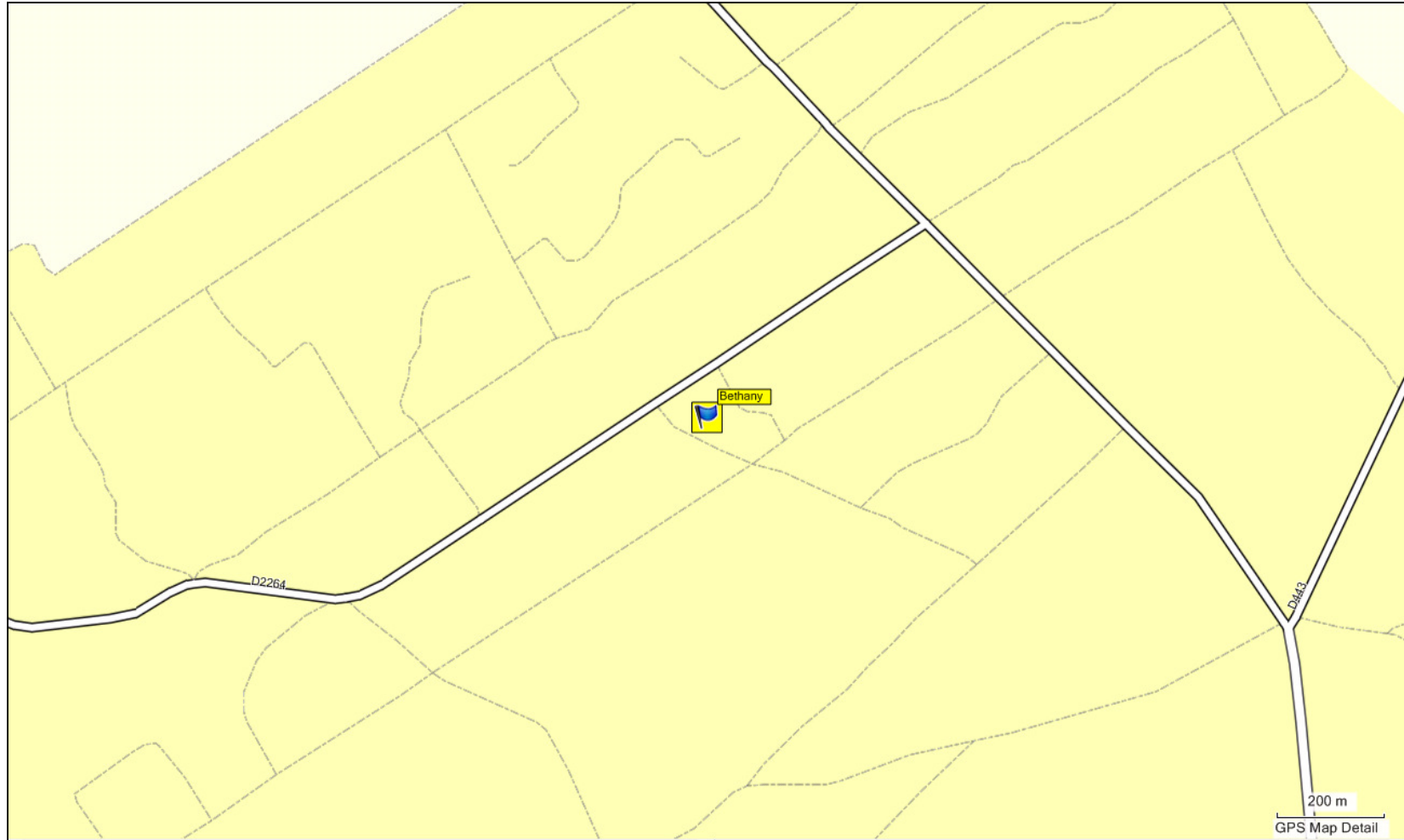




**Topographical**







**LAND OWNER CONSENT**

To be obtained.