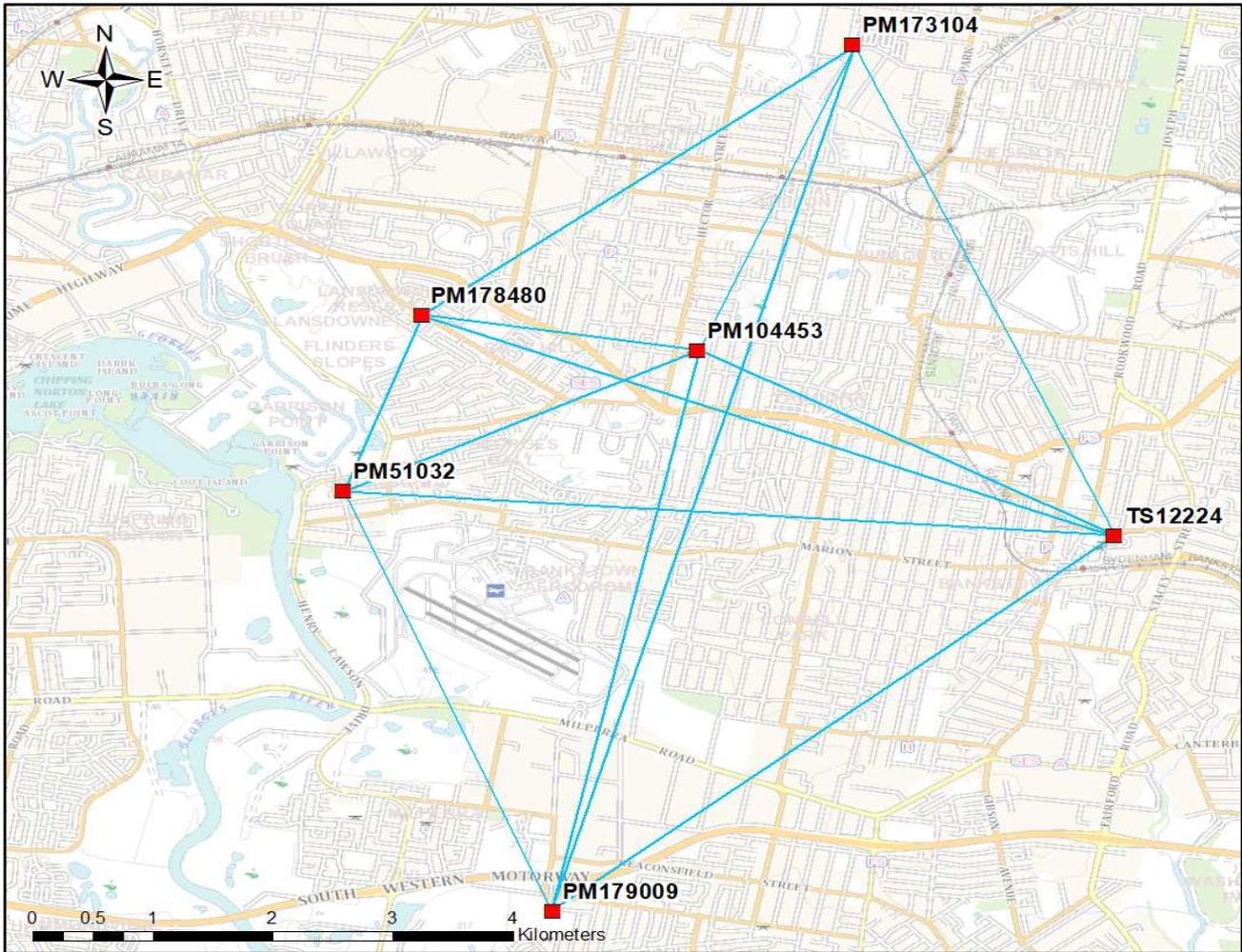


# Bass Hill



Station	MGA2020 - Zone 56		Height		
	Easting (m)	Northing (m)	Ellipsoid (m)	Geoid (m)	Derived AHD (m)
PM104453	315544.204	6247179.630	69.228	22.563	46.665
PM173104	316568.939	6250024.293	39.722	22.640	17.082
PM178480	313627.401	6247470.878	48.526	22.586	25.940
PM179009	314646.056	6241974.557	25.431	22.415	3.016
PM51032	313115.343	6245831.153	37.696	22.538	15.158
TS12224 (Bankstown CORS)	318465.552	6245525.269	101.356	22.499	78.857

**Warning!**

Coordinates are to be used for GNSS validation only.

Values differ from those published in SCIMS.

NSW GNSS TEST NETWORK:

# Bass Hill

## Network Information

The Bass Hill GNSS Test Network has been derived through a 3 dimensional minimally constrained least squares adjustment holding constrained TS12224 (Bankstown CORS). The adjustment was run on 13/05/2020.

TS12224 coordinates (Latitude, Longitude and Elevation above Ellipsoid) have been sourced from the GDA2020 Regulation 13 Certificate.

### GDA2020

SCIMS ID & (Name)	Latitude	Longitude	Ellipsoid Height (m)	Date
TS12224 (Bankstown CORS)	S 33°54' 54.23340"	E 151° 02' 10.78899"	101.356	13/05/2020

### MGA2020

SCIMS ID & (Name)	Easting (m)	Northing (m)	Ellipsoid Height (m)	Date
TS12224 (Bankstown CORS)	318465.552	6245525.269	101.356	13/05/2020

### Adjustment Observation Weightings

Horizontal 5mm + 0.7ppm and 0.0015/0.0015 Centring

Vertical 15mm + 2.0ppm and 0.002/0.002 Centring

### Geoid / Ellipsoid Separation (N)

Source: **AUSGEOID2020** (Date: 13/05/2020)

### Notes

For an accurate comparison, observe the network shown and run a minimally constrained least squares adjustment as detailed above.

Contact a representative from DCS Spatial Services if further information/clarification is required or to report any mark disturbance or significant differences in results.

No Positional or Local Uncertainty has been determined.

# PM173104

Photos:



Sketch:

### LOCALITY SKETCH PLAN

Local Government Area AUBURN COUNCIL

Town/Suburb/Locality REGENTS PARK

Approx MGA Coordinate: Zone \_\_\_\_\_ Description of Mark \_\_\_\_\_

E: \_\_\_\_\_

N: \_\_\_\_\_

**PM173104**

Please use black ink only.

SURVEYING REGULATION			
MARK	AHD	SOURCE	DATE
HEIGHT DETERMINED BY (Specify)		- DIFF. LEVELLING	
		- TRIG HEIGHTING	
ADOPTED MARKS		- GPS	

Measurements are in metres

**PM 173104**

**SS** \_\_\_\_\_

PM \_\_\_\_\_

Replaces \_\_\_\_\_

SS \_\_\_\_\_

I certify that the mark has been placed/ found and numbered as detailed hereon.

Signed: *J. Kwasnica*

Name: J. Kwasnica

Organisation placing mark: LANDS

Date mark placed/ found: 30/3/09

Ref: \_\_\_\_\_

### PM104453

Photos:



Sketch:

LAND INFORMATION CENTRE  
NSW DEPARTMENT OF LANDS

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## LOCALITY SKETCH PLAN

PM 104453  
SSM

Description \_\_\_\_\_

Parish \_\_\_\_\_ County CUMBERLAND Town/Suburb/ Locality BASS HILL

Municipality or Shire BANKSTOWN C.M.A. Map Sheet REGENTS PARK 0045-7

The sketch shows a central point labeled 'PM 104453 (in cover box)'. To the north is 'WALSHAW PARK' with 'Goal Posts' and a distance of '85.8'. To the east is 'AMENITIES BLOCK' and 'Car Park'. To the south is 'TREBARTHA ST' with a 'gate' and 'Car' area. A 'Line of EBM' runs north-south through the mark. Other features include 'Chain', 'Wire fence', '171°', '51.5', '10.4m', 'shed car post', and 'Pillars'.

SURVEY PRACTICE REGULATION 1990			
MARK	AND	SOURCE	DATE
HEIGHT DETERMINED BY DIFF. LEVELLING (specify) TRIG. HEIGHTING			
ADOPTED MARKS			

Measurements are in metres

PM 104453  
SSM

Replaces PM \_\_\_\_\_ SSM \_\_\_\_\_

I certify that the Mark or Marks have been placed and numbered as detailed hereon.

Signed [Signature]  
Mark placed 26 / 5 / 1997

Organization placing Marks L.I.C.  
Ref. \_\_\_\_\_

# PM179009

Photos:



Sketch:

### LOCALITY SKETCH PLAN

**PM179009**

Local Government Area BANKSTOWN

Town/Suburb/Locality PANANIA

Approx MGA Coordinate: Zone \_\_\_\_\_ Description of Mark \_\_\_\_\_

E: \_\_\_\_\_

N: \_\_\_\_\_

*Please use black ink only*

SURVEYING REGULATION			
MARK	AHD	SOURCE	DATE
HEIGHT DETERMINED BY (Specify)		• DIFF. LEVELLING • TRIG HEIGHTING ADOPTED MARKS - GPS	

Measurements are in metres.

PM 179009

SS \_\_\_\_\_

PM \_\_\_\_\_

Replaces SS \_\_\_\_\_

RD: CANTARO / C. PALMEC

I certify that the mark has been placed/located and numbered as detailed herein.

Signed: J. Kwasnica

Name: J. Kwasnica

Organisation placing mark: LARS

Date mark placed/located: 4/11/11

Ref: \_\_\_\_\_

PM51032

Photos:



Sketch:



PM 51032  
SSM \_\_\_\_\_  
M.S.M \_\_\_\_\_

### LOCALITY SKETCH PLAN

Parish BANKSTOWN County CUMBERLAND City or Town GEORGES HALL  
Municipality or Shire BANKSTOWN Control Survey Plan FAIRFIELD U'9145 IX

Measurements are in metres Zone 56 | 1

**LIBD 89 B4**

I certify that the Mark or Marks have been placed and numbered as detailed hereon.

Organization placing Marks  
**INTEGRATION SURVEYS**  
**DEPT. OF LANDS**

Aerial photo No. \_\_\_\_\_ Run \_\_\_\_\_  
Plan registered / / 19  
Mark last inspected / / 19

S © 2019 D. West, Government Printer

PM 51032  
SSM \_\_\_\_\_  
M.S.M \_\_\_\_\_

J. Galbraith  
Designation  
**PILING OVERSEER**

# PM178480

Photos:



Sketch:

### LOCALITY SKETCH PLAN

**PM178480**

Local Government Area BANKSTOWN

Town/Suburb/Locality BASS HILL

Approx MGA Coordinate: Zone \_\_\_\_\_ Description of Mark \_\_\_\_\_

E: \_\_\_\_\_

N: \_\_\_\_\_

Please use black ink only

SURVEYING REGULATION			
MARK	AHD	SOURCE	DATE
HEIGHT DETERMINED BY - DIFF. LEVELLING (Specify) - TRIG HEIGHTING ADOPTED MARKS - GPS			

Measurements are in metres

PM 178480

SS \_\_\_\_\_

PM \_\_\_\_\_

Replaces \_\_\_\_\_

SS \_\_\_\_\_

**PLACED CATTARD**

I certify that the mark has been placed/located and numbered as detailed herein.

Signed: *J. Kwasiwica*

Name: J. KWASIWICA

Organisation placing mark: LANDS

Date mark placed/found: 22 13 11

Ref: \_\_\_\_\_