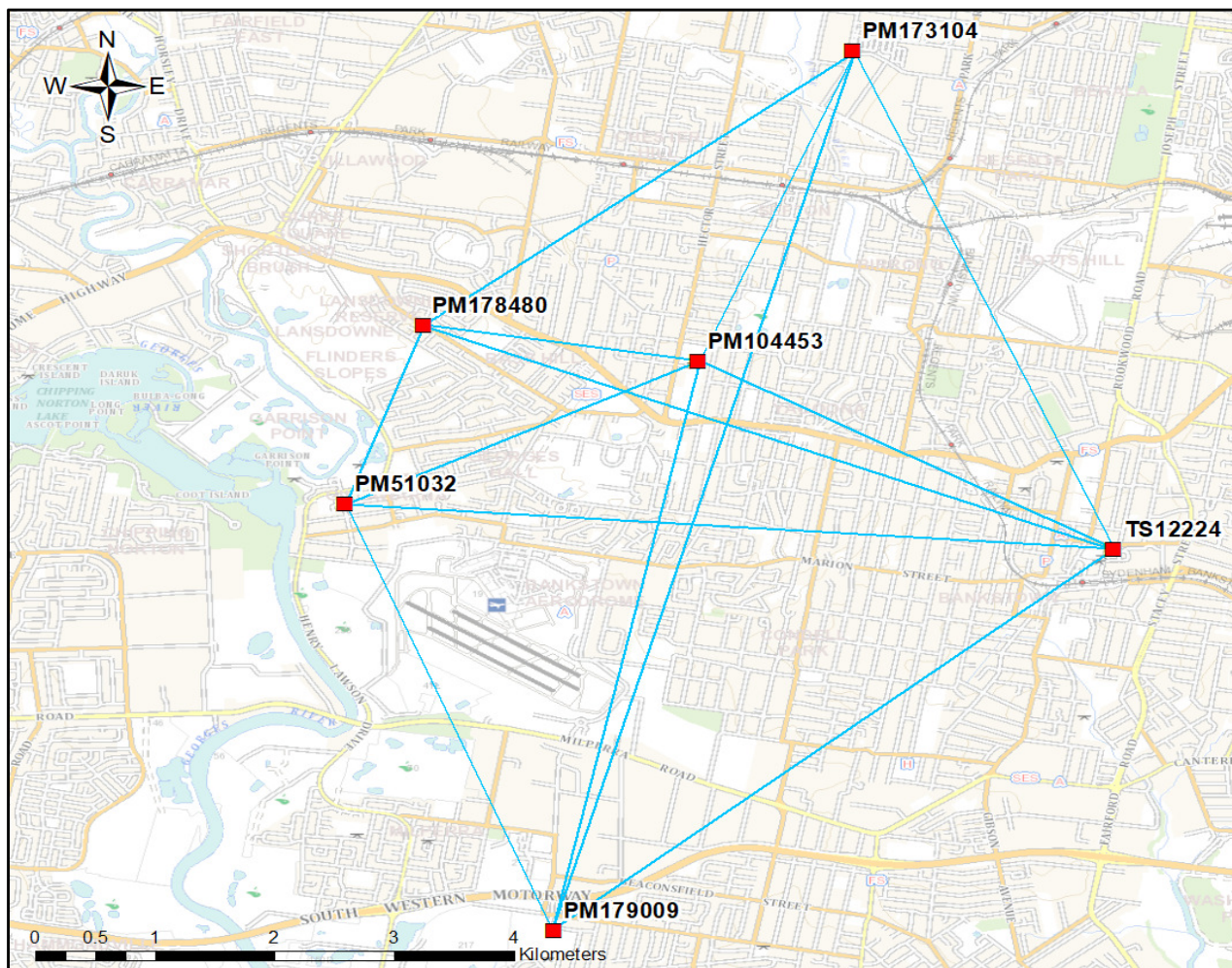


Bass Hill



Station	MGA94 - Zone 56		Height		
	Easting (m)	Northing (m)	Ellipsoid (m)	Geoid (m)	Derived AHD (m)
PM104453	315543.728	6247178.212	69.317	22.652	46.665
PM173104	316568.461	6250022.873	39.815	22.732	17.083
PM178480	313626.925	6247469.461	48.612	22.672	25.940
PM179009	314645.580	6241973.139	25.524	22.486	3.038
PM51032	313114.866	6245829.738	37.772	22.625	15.147
TS12224 (Bankstown CORS)	318465.076	6245523.851	101.451	22.586	78.865

Warning!

- These coordinates are to be used for GNSS validation only, the values differ from those published in SCIMS.
- Please report any mark disturbance or significant differences in results.

NSW GNSS TEST NETWORK:

Bass Hill

Network Information

The Bass Hill GNSS Test Network has been derived through a Minimally Constrained adjustment. The only constrained (fixed) station is TS12224 Bankstown CORS.

Coordinates (Northing, Easting and Ellipsoid Height) have been sourced from GDA2020 Regulation 13 Certificate and transformed to GDA94 using conformal transformation.

GDA94

SCIMS ID & (Name)	Latitude	Longitude	Ellipsoid Height (m)
TS12224 (Bankstown CORS)	S 33°54' 54.27912"	E 151° 02' 10.76938"	101.451

MGA94

SCIMS ID & (Name)	Easting (m)	Northing (m)	Ellipsoid Height (m)
TS12224 (Bankstown CORS)	318465.076	6245523.851	101.451

Adjustment Observation Weightings

Horizontal 5mm +0.7ppm 0.0015/0.0015 Centring

Vertical 15mm +2.0ppm 0.002/0.002 Up

Geoid / Ellipsoid Separation (N)

Source: **AUSGEOID09**

MGA94 (2010) Coordinates

Refer to front cover.

Notes

For an accurate comparison, observe the network shown and run the same minimally constrained as above holding fixed TS12224 Bankstown CORS coordinates (provided above).

Applicable adjustment constraints and observational weightings have also been provided.

AHD has been derived using the AUSGEOID09 model.

Contact a representative from Spatial Services if further information/clarification is required.

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
PM 173104			
SS			
PM			
Replaces			
SS			

Measurements are in metres

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

Signed: [Signature]

Name: J. Kwasnica

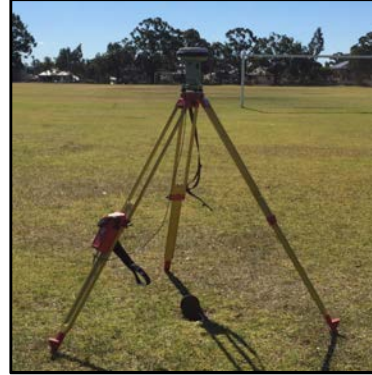
Organisation placing mark: LANDS

Date mark placed/changed: 30/3/09


Ref: _____

PM104453

Photos:



Sketch:



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NSW DEPARTMENT OF LANDS

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prior written permission.

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

SURVEY PRACTICE REGULATION 1990			
MARK	AHD	SOURCE	DATE
HEIGHT DETERMINED BY DIFF. LEVELLING (specify) _____			
TRIO. 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 _____

Mark placed 26 / 5 /1997

Organization placing Marks L.I.C.

Ref. _____

PM179009

Photos:



Sketch:

LOCALITY SKETCH PLAN

Local Government Area BANKSTOWN

Town/Suburb/Locality PANANIA

Approx MGA Coordinate: Zone _____ Description of Mark _____

E: _____

N: _____

PM179009

LOCALITY SKETCH PLAN

Lawson St

KILLARA PARK

KILLARA RESERVE

CRICKET FIELD

PM179009

WIRE MESH FENCE

WIRE FENCE

SHED

SHED LIGHT POLE

DOG DEPOSIT BOX (LAND MINE BOX)

Measurements are in metres

PM 179009

SS

PM

Replaces SS

AD: CATARD / C. PALMER

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

Signed: *J. Kwasnica*

Name: J. Kwasnica

Organisation placing mark: LANIIS

Date mark placed: 4/11/11

Ref: _____

SURVEYING REGULATION


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

PM51032

Photos:



Sketch:



PM 51032
SSM _____
M: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

UBD 89 B4

Sketch of the locality showing the location of the mark (PM 51032) relative to surrounding features:

- NEEDLE & NEEDLES (199M)
- ASHCROFT RESERVE
- ASHCROFT
- WILD HOUSE
- PM 51022 (333M)
- PM 51032 (Central Mark)
- SMALL CREEK (229M)
- (28-87) 229M
- (29-87) 226M
- WILD & BRICK N° 37
- ST. SMAS 1702
- BRICK HOUSE N° 193
- PM 5104 REX ROAD 77M
- KAC
- WELL
- WELL
- WELL

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

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

S.O. 2019 D. West, Government Printer

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

J. Galbraith
Designation
PILING OVERSEER

PM 51032
SSM _____
M:M _____

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 & ATTACHED

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

Signed:

Name:

Organisation placing mark:

LANDS

Date mark placed/added: 22/13/11

Ref: