

SURVEYING AND MAPPING DIVISION
Alberta Survey Control Marker (ASCM) Information
MASCOT DSS-1

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 11.18473 dms
Longitude 114 04 34.29143 dms
Horz Class INTEGRATED , ORDER 4

Marker Installed 73-03

ASCM 68684

Date Printed 2025-08-03
Last Updated 2013-01-17

Tablet Markings

Vert Datum CVD28 Updated: 1983-04-21
Elevation 1119.490 m
Vert Class NOT CLASSIFIED, NON-SIMUL TRIG

Mapsheet Name CALGARY G
Mapsheet Number 5658 - 004

For current information call Geodetic Survey
(780) 427-3143 FAX: (780) 427-1493

Marker Condition GOOD 93-04-14

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2013-01-17

Scale Factor 0.999900 At Ref Mer 114

Northing 5659284.732 m
Easting -5339.946 m
Convergence -0 03 33.37 dms
Station Ellipsoid Factor 0.999827
Station Combined Factor 0.999728

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
121350 658-4.148	97.910	1 999/U	0.999724	341 35 08.15	83.4	0.00
275230 658-4.21	321.960	1 361/4	0.999733	100 50 12.32	14.8	0.00
39149 658-4.138	333.401	1 346/4	0.999731	108 21 54.55	13.5	0.00
255091 658-4.149	348.066	1 335/4	0.999732	76 09 26.21	19.4	0.00
107417 658-4.147	362.010	1 320/4	0.999729	282 04 44.56	13.1	0.00
489484 658-4.280	449.689	1 259/4	0.999732	131 32 48.95	12.2	0.00

GEOID DATA (GSD95) Updated: 96-01-06

Component Magnitude Std Dev

MARKER TYPE

Updated: 1973-07-10

Meridian Defl,XI(+N) 2.5 s 2 s
Prime Vert Defl,ETA(+E) 5.9 s 2 s
Geoid_Ellip Separation -16.22 m 1 m

HIGH POINT

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1973-07-10

Originating Project 73104 73104
Published 83-04-21 83-04-21

ST. JOSEPH'S CATHOLIC CHURCH
6TH STREET AND 19 AVENUE, N.W.
OBSERVED: CENTRE OF TOP OF CROSS
NOTE: ELEVATION DERIVED FROM TRIG LEVELS BY CITY OF CALGARY
(HIGH POINTS). 85/08/27

Revising Project NAD83
Published 94-05-24
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1973-07-10 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED
1993-06-08 TABLET MARKINGS CHANGED FROM
ST.JOSEPH'S-CATH

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION

1993-04-14 1993-07-07

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56584 4 258

HISTORY ST.JOSEPH 56584 4 258