

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 01 12.34031 dms
Longitude 114 01 20.15752 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 69-03
Date Printed 2025-08-03
Last Updated 2013-01-17

ASCM 4986
Tablet Markings 2318.3
Mapsheet Name CALGARY G
Mapsheet Number 5652 - 000

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1034.722 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 92-04-06

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2013-01-17

Scale Factor 0.999900 At Ref Mer 114

Northing 5653756.012 m
Easting -1562.188 m
Convergence -0 01 02.31 dms
Station Ellipsoid Factor 0.999840
Station Combined Factor 0.999741

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
99721 2318.2	216.485	1	79/2	0.999742	5 31 55.09	4.1	0.00
11130 2318.5	315.576	1	70/2	0.999738	122 28 18.70	4.6	0.00
106849 230186	385.421	1	47/2	0.999741	211 50 50.03	4.0	0.00
8367 2219.46	714.644	1	27/2	0.999741	300 07 47.57	2.1	0.00
139345 2218.4	740.679	1	31/2	0.999740	234 18 57.39	2.5	0.00
203166 2319.19	817.932	1	39/2	0.999740	14 53 47.13	3.4	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-02-01

Meridian Defl,XI(+N) 2.9 s 2 s
Prime Vert Defl,ETA(+E) 5.0 s 2 s
Geoid_Ellip Separation -16.25 m 1 m

ASC BRASS TABLET ON TOP OF 2" X3.6' STEEL PIPE.
FLUSH WITH GROUND

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-02-01

Originating Project 69103 69103
Published 70-10-06 70-10-06

ON SW COR OF 38 AVENUE AND 16 STREET S.E.; 2.2 M SOUTH OF F.O.C. PROD. E.;
3.8 M WEST OF F.O.C. PROD. N.; 8.0 M NW OF CB.

Revising Project NAD83 98014
Published 94-05-24 99-08-16
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1970-10-06 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS Inspected Updated

MARKER REPORTED IN GOOD CONDITION 1992-04-06 1993-02-01

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56524 0 158

99-08-16

0.015 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56524 0 158