

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 00 11.77431 dms
Longitude 114 06 23.74225 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03

ASCM 21303

Tablet Markings 649-4.225

Date Printed 2025-08-03
Last Updated 2006-06-28

Mapsheet Name CALGARY G
Mapsheet Number 5649 - 004

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1095.376 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 72-03-01

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5651889.739 m
Easting -7481.451 m
Convergence -0 04 58.24 dms
Station Ellipsoid Factor 0.999831
Station Combined Factor 0.999732

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
286781 649-4.221	180.028	1 56/2	0.999733	1 03 15.92	3.9	0.00
64246 649-4.224	215.597	1 46/2	0.999729	176 04 00.98	3.9	0.00
242602 D87	246.965	1 49/2	0.999729	152 39 27.37	4.1	0.00
5983 649-4.220	277.664	1 43/2	0.999731	218 22 20.52	3.5	0.00
210716 D85	353.418	1 40/2	0.999732	106 15 32.81	3.4	0.00
268417 649-4.223	380.057	1 34/2	0.999732	267 24 54.84	2.8	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1973-02-06

Meridian Defl,XI(+N) 3.3 s 2 s
Prime Vert Defl,ETA(+E) 6.5 s 2 s
Geoid_Ellip Separation -16.06 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 1973-02-06

Originating Project 72111 72111
Published 70-06-24 70-06-24

NW CORNER OF 56 AVE AND 19 ST SW;
6.8' N OF B.O.W. N/S 56 AVE;
10.5' W OF B.O.W. W/S 19 ST.

Revising Project NAD83 98017
Published 94-05-24 01-02-07
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1973-02-06 FIRST MARKER LOCATION
DESCRIPTION ENTERED
2003-03-12 "MAPSHEET NAME" AND/OR
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56494 4 225

01-02-07

0.012 m ELEVATION REVISED AND REINTEGRATED

HISTORY 649-04.225 56494 4 225