

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 59 34.33980 dms
Longitude 114 03 17.35115 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03

ASCM 55962

Tablet Markings 649-0.82

Date Printed 2025-08-03
Last Updated 2017-03-20

Mapsheet Name CALGARY F
Mapsheet Number 5649 - 000

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1064.231 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 09-12-31

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated:

Scale Factor 0.999900 At Ref Mer 114

Northing 5650729.065 m
Easting -3848.425 m
Convergence -0 02 33.36 dms
Station Ellipsoid Factor 0.999836
Station Combined Factor 0.999736

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)
13391 649-0.61	156.562	1	64/2	0.999737	234 35 56.26	3.9	0.00
258855 649-0.62	213.434	1	47/2	0.999736	200 44 08.47	4.1	0.00
288613 649-4.200	420.067	1	26/1	0.999736	256 25 15.95	2.1	0.00
249656 649-0.63	422.739	1	31/2	0.999736	200 17 10.28	2.5	0.00
264853 649-4.199	456.210	1	37/2	0.999736	236 22 43.11	2.8	0.00
230706 649-0.64	470.460	1	32/2	0.999735	200 40 19.42	2.3	0.00

GEOID DATA (GSD95) Updated: 17-03-20

Component Magnitude Std Dev

Meridian Defl, XI(+N) 3.2 s 2 s
Prime Vert Defl, ETA(+E) 5.6 s 2 s
Geoid_Ellip Separation -16.15 m 1 m

MARKER TYPE

Updated: 2010-01-29

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
FLUSH W/GRD, LANDSCAPED, 80 CM N OF GP.

COORDINATE HISTORY

Originating Project 72114 72114
Published 83-03-03 83-03-03

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

MARKER LOCATION

Updated: 2010-01-29

ON SE/S OF ACCESS RAMP LEADING FROM E BOUND GLENMORE TR ON TO S BOUND BLACKFOOT TR SE; 2.90 M SW OF G.O.C.; 3.0 M SW OF FACE OF CURB; 3.2 M NE OF FENCE; 5.90 M W OF CB.

NON COORDINATE REVISIONS

1972-11-28 FIRST MARKER LOCATION DESCRIPTION ENTERED
2017-03-20 "MAPSHEET NAME" AND/OR "MAPSHEET NO" CHANGED
2003-03-12 "MAPSHEET NAME" AND/OR "MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION
MARKER REPORTED IN GOOD CONDITION

2009-12-31 2010-01-29
1995-09-18 2001-08-30

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56494 0 82

VERT

99-08-16

0.008 m ELEVATION REVISED AND REINTEGRATED

HISTORY 649+00.82 56494 0 82