

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 54 34.88772 dms
Longitude 114 04 26.65569 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 82-09

ASCM 50740

Tablet Markings 640-4.103

Date Printed 2025-08-03
Last Updated 2007-06-20

Mapsheet Name CALGARY F
Mapsheet Number 5640 - 004

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1049.374 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 94-05-23

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5641477.493 m
Easting -5209.180 m
Convergence -0 03 26.97 dms
Station Ellipsoid Factor 0.999838
Station Combined Factor 0.999738

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
126672 640-4.99	126.853	1 102/2	0.999737	29 11 31.82	5.7	0.00
81364 640-4.104	165.282	1 79/2	0.999736	232 27 36.12	5.1	0.00
227157 640-4.100	194.956	1 72/2	0.999740	59 03 46.85	5.8	0.00
244129 640-4.98	240.988	1 66/2	0.999739	2 52 26.47	5.1	0.00
121046 640-4.105	278.557	1 61/2	0.999738	242 41 34.64	4.4	0.00
280354 640-4.102	281.940	1 53/2	0.999739	198 16 36.78	4.4	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1982-12-01

Meridian Defl,XI(+N) 4.4 s 2 s
Prime Vert Defl,ETA(+E) 6.4 s 2 s
Geoid_Ellip Separation -15.94 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 1994-06-28

Originating Project 82026 82026
Published 82-12-09 82-12-09

MONUMENT IS LOCATED ON THE S/S OF SHAWNESSY DR AT ASPHALT WALKWAY BESIDE HOUSE
NO. 108 SHAWNESSY DR SW; 0.1M S OF S B.O.R.C.; ON THE WEST BDY OF HOUSE NO. 108
PRODUCED NORTH; 1.5 M NORTH OF PEDESTRIAN CROSSING SIGN.

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

NON COORDINATE REVISIONS

1982-12-01 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

1994-05-23 1994-06-28

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56404 4 103

01-02-07

0.012 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56404 4 103