

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 55 15.57410 dms
Longitude 114 00 17.87049 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 80-03

ASCM 50591

Tablet Markings 640-0.131

Date Printed 2025-08-03
Last Updated 2019-03-25

Mapsheet Name CALGARY F
Mapsheet Number 5640 - 000

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1007.709 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 89-02-09

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2019-03-25

Scale Factor 0.999900 At Ref Mer 114

Northing 5642732.050 m
Easting -349.020 m
Convergence -0 00 13.87 dms
Station Ellipsoid Factor 0.999845
Station Combined Factor 0.999745

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
261446 640-0.130	103.837	1 116/2	0.999751	95 30 06.26	6.8	0.00
94482 640-0.128	175.409	1 103/2	0.999745	106 24 43.39	8.4	0.00
266924 640-0.129	179.517	1 78/2	0.999748	71 54 04.44	5.9	0.00
243220 640-0.127	215.922	1 79/2	0.999746	151 48 16.19	6.1	0.00
284604 640-0.132	218.139	1 60/2	0.999745	344 45 44.70	4.9	0.00
223925 640-0.117	285.817	1 70/2	0.999744	192 24 46.39	6.0	0.00

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

Component Magnitude Std Dev

Meridian Defl, XI(+N) 4.0 s 2 s
Prime Vert Defl, ETA(+E) 4.9 s 2 s
Geoid_Ellip Separation -16.10 m 1 m

MARKER TYPE

Updated: 1981-06-14

ASC CAP ON 6 CM DIA STEEL PIPE 2.0 M LONG

COORDINATE HISTORY

Originating Project 79040 79040
Published 83-08-19 83-08-19

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

MARKER LOCATION

Updated: 1989-09-26

LOCATED ON THE SOUTH WEST LEG OF DEERMEADE ROAD AND DEERMEADE ROAD SOUTH EAST;
0.5 M SOUTH WEST OF BACK OF ROLLED CURB ON CURVE; 0.5 M SOUTH OF THE SOUTH EDGE
OF WALKWAY; ON PROPERTY LINE OF HOUSE #51 - DEERMEADE ROAD (LOT 48, BLOCK 16).

NON COORDINATE REVISIONS

1981-06-14 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.

1989-02-09 1989-09-26

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56404 0 131

VERT

01-02-07

0.005 m ELEVATION REVISED AND REINTEGRATED

HISTORY 640+00.131 56404 0 131