

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 55 12.95805 dms
Longitude 114 00 02.51058 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 80-03

ASCM 22004

Tablet Markings 640+4.39

Date Printed 2025-08-03
Last Updated 2003-03-12

Mapsheet Name CALGARY F
Mapsheet Number 5640 - 000

Vert Datum CVD28 Updated: 2001-02-07
Elevation 1009.309 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 94-06-05

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 1999-10-02

Scale Factor 0.999900 At Ref Mer 114

Northing 5642651.205 m
Easting -49.034 m
Convergence -0 00 01.95 dms
Station Ellipsoid Factor 0.999844
Station Combined Factor 0.999744

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (s)	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
94482 640-0.128	135.467	1	96/2	0.999745	283 21 40.25	8.0	0.00
266924 640-0.129	188.203	1	90/2	0.999743	316 33 05.77	7.0	0.00
232348 640+4.45	205.794	1	87/2	0.999745	165 17 05.54	6.2	0.00
261446 640-0.130	209.095	1	86/2	0.999743	289 49 25.93	7.2	0.00
243220 640-0.127	226.269	1	75/2	0.999740	241 04 32.99	6.4	0.00
199810 640+4.38	248.540	1	72/2	0.999741	181 09 11.72	5.2	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1981-06-14

Meridian Defl,XI(+N) 4.0 s 2 s
Prime Vert Defl,ETA(+E) 4.8 s 2 s
Geoid_Ellip Separation -16.10 m 1 m

ASC BRASS TABLET SET IN CONCRETE CURB

COORDINATE HISTORY

MARKER LOCATION

Updated: 1981-06-14

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

NW CORNER DEERCROFT WAY SE (N-EW LEG) AND DEERCROFT WAY SE
(E-NS LEG); 0.07M SE OF B.O.R.C. ON CURVE;
0.50M E OF B.O.W. W/S PRODUCED N;
5.60M E OF E P/L OF LOT 14, BLOCK 16, HOUSE #715 DEERCROFT WAY SE.

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

1994-06-05 1994-08-19

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56403 4 39

01-02-07

0.006 m ELEVATION REVISED AND REINTEGRATED

HISTORY 640+04.39 56403 4 39