

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 55 03.46364 dms
Longitude 114 00 20.45610 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 79-03

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

ASCM 26567

Tablet Markings 640-0.120

Mapsheet Name CALGARY F
Mapsheet Number 5640 - 000

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1005.969 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 89-02-13

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2019-03-25

Scale Factor 0.999900 At Ref Mer 114

Northing 5642357.855 m
Easting -399.547 m
Convergence -0 00 15.88 dms
Station Ellipsoid Factor 0.999845
Station Combined Factor 0.999745

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	PPM/ Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
245928 640-0.121	144.213	1	76/2 0.999743	178 42 44.30	5.1	0.00
111922 640-0.126	176.959	1	85/2 0.999745	81 34 22.36	5.2	0.00
276774 640-0.115	190.122	1	58/2 0.999743	286 53 09.37	4.2	0.00
44677 640-0.116	237.765	1	59/2 0.999742	306 31 34.40	4.5	0.00
243220 640-0.127	239.011	1	67/2 0.999748	39 39 52.20	5.6	0.00
110148 640-0.122	240.446	1	54/2 0.999744	239 33 24.39	4.6	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1981-06-14

Meridian Defl,XI(+N) 4.1 s 2 s
Prime Vert Defl,ETA(+E) 5.0 s 2 s
Geoid_Ellip Separation -16.09 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

COORDINATE HISTORY

MARKER LOCATION

Updated: 1989-09-22

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

LOCATED IN THE NORTH WEST CORNER OF DEER RUN DRIVE AND DEER SIDE ROAD SOUTH
EAST; 0.1 M SOUTH OF NORTH BACK OF ROLLED CURB; 0.6 M WEST OF BACK OF WALK ON
THE WEST SIDE OF DEER SIDE ROAD; IN LOT 20, BLOCK 10, HOUSE #15103.

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

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.

1989-02-13 1989-09-22

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56404 0 120

99-08-16

0.007 m ELEVATION REVISED AND REINTEGRATED

HISTORY 640+00.120 56404 0 120