

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 50 55 05.74383 dms  
Longitude 114 00 16.98283 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 79-03

ASCM 48629

Tablet Markings 640-0.118

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

Mapsheet Name CALGARY F  
Mapsheet Number 5640 - 000

Vert Datum CVD28 Updated: 1999-08-16  
Elevation 1006.470 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 5642428.305 m  
Easting -331.702 m  
Convergence -0 00 13.18 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)
111922 640-0.126	116.071	1 112/2	0.999738	112 33 43.82	9.3	0.00
243220 640-0.127	141.636	1 92/2	0.999747	36 43 33.35	7.8	0.00
245928 640-0.121	224.161	1 67/2	0.999743	196 45 18.54	5.6	0.00
276774 640-0.115	250.251	1 60/2	0.999747	266 30 27.74	4.8	0.00
44677 640-0.116	268.496	1 56/2	0.999746	285 20 37.81	4.4	0.00
199810 640+4.38	278.910	1 54/2	0.999741	95 15 08.09	4.5	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) 4.9 s 2 s  
Geoid\_Ellip Separation -16.09 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

COORDINATE HISTORY

MARKER LOCATION

Updated: 1989-09-26

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

LOCATED ON THE SOUTH WEST CORNER OF DEER PARK ROAD AND DEER PARK WAY SOUTH  
EAST; 1.1 M WEST OF BACK OF WALK WEST; 3.4 M SOUTH OF BACK OF WALK SOUTH  
PRODUCED EAST (SHORT TANGENT); 0.5 M NORTH EAST OF BACK OF WALK ON CURVE.

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.

1989-02-09 1989-09-26

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56404 0 118

99-08-16

0.006 m ELEVATION REVISED AND REINTEGRATED

HISTORY 640+00.118 56404 0 118