

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 55 08.04185 dms
Longitude 114 00 30.23659 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 79-03

ASCM 44677

Tablet Markings 640-0.116

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

Mapsheet Name CALGARY F
Mapsheet Number 5640 - 000

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1006.796 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: 1999-10-02

Scale Factor 0.999900 At Ref Mer 114

Northing 5642499.334 m
Easting -590.562 m
Convergence -0 00 23.47 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)
72322 640-0.114	121.909	1 115/2	0.999743	225 09 46.39	9.5	0.00
223925 640-0.117	186.035	1 70/2	0.999744	104 25 48.54	5.2	0.00
26567 640-0.120	237.765	1 59/2	0.999742	126 31 34.40	4.5	0.00
110148 640-0.122	263.845	1 57/2	0.999743	183 31 37.74	3.6	0.00
48629 640-0.118	268.496	1 56/2	0.999746	105 20 37.81	4.4	0.00
67520 640-0.113	280.757	1 53/2	0.999744	199 50 02.07	4.4	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) 5.0 s 2 s
Geoid_Ellip Separation -16.09 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 2.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 1989-09-26

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

LOCATED ON THE NORTH WEST CORNER OF DEERPARK ROAD AND 100 - DEER PARK PLACE
SOUTH EAST; 0.05 M WEST OF BACK OF CURB; IN LINE WITH THE NORTH PROPERTY LINE
OF HOUSE #519, LOT 5, BLOCK 12, PLAN #7711192.

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 0 116

99-08-16

0.006 m ELEVATION REVISED AND REINTEGRATED

HISTORY 640+00.116 56404 0 116