

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 50 54 26.24873 dms  
Longitude 114 04 17.29883 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 82-09

ASCM 63180

Tablet Markings 640-4.101

Date Printed 2025-08-03  
Last Updated 2007-06-20

Mapsheet Name CALGARY F  
Mapsheet Number 5640 - 004

Vert Datum CVD28 Updated: 2001-02-07  
Elevation 1046.934 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 94-05-03

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5641210.379 m  
Easting -5026.650 m  
Convergence -0 03 19.70 dms  
Station Ellipsoid Factor 0.999838  
Station Combined Factor 0.999739

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
223735 211110	127.580	1 71/2	0.999734	117 33 54.57	3.3	0.00
280354 640-4.102	270.998	1 37/2	0.999738	269 53 14.21	3.0	0.00
50740 640-4.103	323.607	1 46/2	0.999739	325 39 12.94	4.0	0.00
81364 640-4.104	355.078	1 39/2	0.999738	297 57 32.99	3.2	0.00
227157 640-4.100	367.731	1 38/2	0.999739	357 36 23.55	3.2	0.00
126672 640-4.99	396.733	1 38/2	0.999738	342 17 12.76	3.2	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1982-12-01

Meridian Defl,XI(+N) 4.4 s 2 s  
Prime Vert Defl,ETA(+E) 6.4 s 2 s  
Geoid\_Ellip Separation -15.94 m 1 m

ASC BRASS TABLET ON TOP OF 2" X 10'STEEL PIPE

COORDINATE HISTORY

MARKER LOCATION

Updated: 1994-06-29

Originating Project 82026 82026  
Published 82-12-09 82-12-09

MONUMENT IS LOCATED IN FRONT OF HOUSE NO. 148 SHAW MEADOWS ROAD SOUTH WEST;  
0.40 M NORTH OF THE NORTH BACK OF WALK PRODUCED EAST; ON THE NORTH BOUNDARY OF  
LANE BESIDE HOUSE NO. 148; 0.1 M EAST OF THE EAST BACK OF ROLLED CURVE ON  
CURVE.

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

NON COORDINATE REVISIONS

1982-12-01 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

1994-05-03 1994-06-29

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56404 4 101

01-02-07

0.012 m ELEVATION REVISED AND REINTEGRATED

HISTORY 56404 4 101