

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 06 51.31667 dms
Longitude 114 04 59.31177 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 69-03
Date Printed 2025-08-03
Last Updated 2003-03-12

ASCM 17756
Tablet Markings 2025.4
Mapsheet Name CALGARY G
Mapsheet Number 5664 - 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1140.386 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 94-01-07

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 1999-10-21

Scale Factor 0.999900 At Ref Mer 114

Northing 5664233.286 m
Easting -5821.458 m
Convergence -0 03 52.98 dms
Station Ellipsoid Factor 0.999824
Station Combined Factor 0.999724

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)	
249359 664-4.44	148.643	1	74/2	0.999728	339 53 21.05	4.6	0.00
11650 664-4.76	246.486	1	40/2	0.999727	81 00 57.16	3.5	0.00
238659 661-4.173	269.733	1	48/2	0.999724	124 12 02.11	4.2	0.00
72165 664-4.43	293.976	1	41/2	0.999728	33 42 55.92	3.4	0.00
231324 664-4.46	361.616	1	33/2	0.999725	0 49 38.40	2.9	-0.01
160721 661-4.174	366.207	1	35/2	0.999725	115 17 02.41	3.0	0.00

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

Component Magnitude Std Dev

Meridian Defl,XI(+N) 2.3 s 2 s
Prime Vert Defl,ETA(+E) 6.0 s 2 s
Geoid_Ellip Separation -16.27 m 1 m

MARKER TYPE

Updated: 1994-03-22

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
20 CM BGL

COORDINATE HISTORY HORZ VERT

Originating Project 69109 69109
Published 70-05-22 70-05-22

Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 1994-03-22

ON W/S OF INT. OF LANE BEHIND HOUSE #1043 HUNTERCOVE PL. NW; 1.9 M. N. OF
S. P/L FENCE ON S/S OF LANE PROD. W.; 1.3 M. N OF POWER POLE; 0.30 M. E OF GP.

NON COORDINATE REVISIONS

1970-05-22 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

1994-01-07 1994-03-22

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56644 4 22

VERT

99-10-21

0.031 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56644 4 22