

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 44.57027 dms
Longitude 114 00 26.01572 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 69-03
Date Printed 2025-08-03
Last Updated 2006-06-28

ASCM 25049
Tablet Markings 2321.13
Mapsheet Name CALGARY G
Mapsheet Number 5658 - 000

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1092.253 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-05-10

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5658459.619 m
Easting -506.559 m
Convergence -0 00 20.24 dms
Station Ellipsoid Factor 0.999831
Station Combined Factor 0.999731

| ASCM Tablet To Markings | Horizontal Distance (m) (cm) | Std Dev Order | Grid/ Grnd Factor | Grid Bearing (dms) | Std Dev (s) | T-t Corr (s) |
|----------------------------|---------------------------------|------------------|----------------------|--------------------------|-------------------|--------------------|
| 212589 2321.12 | 154.715 | 1 174/3 | 0.999734 | 328 10 04.00 | 6.4 | 0.00 |
| 81182 G11 | 203.040 | 1 163/3 | 0.999731 | 127 53 01.05 | 11.2 | 0.00 |
| 277632 2321.14 | 239.533 | 1 108/3 | 0.999729 | 182 54 35.04 | 5.3 | 0.00 |
| 161877 2321.15 | 340.896 | 1 82/3 | 0.999732 | 210 11 08.40 | 6.6 | 0.00 |
| 36319 G13 | 359.728 | 1 81/3 | 0.999730 | 153 41 53.06 | 5.4 | 0.00 |
| 173377 G3A | 407.804 | 1 74/2 | 0.999731 | 324 49 05.96 | 4.6 | 0.00 |

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-07-08

Meridian Defl,XI(+N) 2.7 s 2 s
Prime Vert Defl,ETA(+E) 4.8 s 2 s
Geoid_Ellip Separation -16.34 m 1 m

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

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-07-08

Originating Project 69105 69105
Published 70-04-01 70-04-01

ON THE EAST SIDE OF ROAD IN FRONT OF HOUSE NO. 952 MAYLAND DRIVE N.E.; 1.0 M
EAST OF B.O.W.; 4.10 M NORTH OF SOUTH WALL OF HOUSE PRODUCED WEST; 5.95 M NNE
OF LT.S.

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

NON COORDINATE REVISIONS

1970-04-01 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
MARKER REPORTED IN GOOD CONDITION

1993-05-10 1993-07-08
1992-06-29 1992-07-22

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56584 0 71

99-10-21

0.043 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56584 0 71