

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 01.80831 dms
Longitude 114 05 10.84840 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 71-03

ASCM 679

Tablet Markings 658-4.211

Date Printed 2025-08-03
Last Updated 2020-01-09

Mapsheet Name CALGARY G
Mapsheet Number 5658 - 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1111.145 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-03-02

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5660849.766 m
Easting -6049.808 m
Convergence -0 04 01.86 dms
Station Ellipsoid Factor 0.999828
Station Combined Factor 0.999729

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
180331 658-4.209	161.701	1 105/2	0.999729	152 13 39.10	8.9	0.00
137794 658-4.213	279.733	1 54/2	0.999729	304 08 13.97	3.7	0.00
243196 658-4.216	314.992	1 63/2	0.999729	14 37 47.36	5.3	0.00
242339 658-4.215	334.068	1 54/2	0.999729	332 47 22.10	4.5	0.00
159343 658-4.172	338.267	1 53/2	0.999731	138 23 21.77	4.3	0.00
243576 658-4.210	345.560	1 52/2	0.999730	277 22 40.22	4.4	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-07-06

Meridian Defl, XI(+N) 2.4 s 2 s
Prime Vert Defl, ETA(+E) 6.0 s 2 s
Geoid_Ellip Separation -16.22 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
FLUSH WITH GROUND

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-07-06

Originating Project 71101 71101
Published 71-03-01 71-03-01

ON THE NORTH SIDE OF ROAD IN FRONT OF HOUSE NO. 36 CORNWALLIS DRIVE N.W.; 0.45
M NORTH OF B.O.W.; 10.0 M EAST OF WEST WALL OF HOUSE PRODUCED SOUTH; 30.7 M
EAST OF LT.S.

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

NON COORDINATE REVISIONS

1972-01-25 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

1993-03-02 1993-07-06

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56584 4 211

99-10-21

0.040 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658-04.211 56584 4 211