

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 17.21023 dms
Longitude 114 03 08.49528 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 71-03

ASCM 42655

Tablet Markings 658-0.124

Date Printed 2025-08-03
Last Updated 2011-07-29

Mapsheet Name CALGARY G
Mapsheet Number 5658 - 000

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1078.258 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 11-05-17

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-03-27

Scale Factor 0.999900 At Ref Mer 114

Northing 5659469.460 m
Easting -3669.521 m
Convergence -0 02 26.64 dms
Station Ellipsoid Factor 0.999834
Station Combined Factor 0.999734

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
244939 658-0.125	274.415	1 40/2	0.999731	85 22 26.34	3.2	0.00
37705 658-0.123	279.697	1 39/2	0.999736	273 40 20.41	2.8	0.00
71035 658-0.126	301.137	1 37/2	0.999735	183 42 28.21	2.8	0.00
122770 658-0.127	394.823	1 30/2	0.999736	219 39 58.18	2.5	0.00
257964 220225	420.747	1 31/2	0.999733	42 57 15.04	2.5	0.00
49379 658-0.122	423.377	1 28/1	0.999734	318 52 14.99	2.4	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1992-01-23

Meridian Defl,XI(+N) 2.5 s 2 s
Prime Vert Defl,ETA(+E) 5.5 s 2 s
Geoid_Ellip Separation -16.27 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
2 CM BGL, LANDSCAPED.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1992-01-23

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

ON SE COR OF 21 AVE AND 4 ST NE; 3.2M S OF B.O.W. PROD W;
2.8M E OF B.O.W. PROD N; 0.8M SE OF B.O.W. ON CURVE.

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	2011-05-17	2011-07-29
MARKER REPORTED IN GOOD CONDITION	2003-08-05	2003-12-22
MARKER REPORTED IN GOOD CONDITION	2000-08-02	2001-02-26
MARKER REPORTED IN GOOD CONDITION	1993-04-20	1993-08-10

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56584 0 124

99-10-21

0.035 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+00.124 56584 0 124