

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 59.03234 dms
Longitude 113 56 34.58065 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 75-03

ASCM 64709

Tablet Markings 658+8.40

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

Mapsheet Name CALGARY B
Mapsheet Number 5658 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1071.770 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 88-10-03

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5658908.015 m
Easting 3999.425 m
Convergence 0 02 39.79 dms
Station Ellipsoid Factor 0.999835
Station Combined Factor 0.999735

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
247791 658+8.38	109.405	1 64/2	0.999735	135 38 37.63	5.3	0.00
19992 658+4.129	132.853	1 75/2	0.999734	233 23 28.87	6.5	0.00
292581 658+8.78	244.107	1 37/2	0.999735	112 59 32.47	3.1	0.00
179473 658+8.31	267.572	1 34/1	0.999735	185 52 26.93	2.9	0.00
273284 658+4.130	275.547	1 44/2	0.999736	249 42 37.50	3.7	0.00
83949 658+8.44	286.970	1 35/2	0.999735	64 16 47.58	2.9	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1976-12-01

Meridian Defl,XI(+N) 2.8 s 2 s
Prime Vert Defl,ETA(+E) 4.0 s 2 s
Geoid_Ellip Separation -16.44 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

HORZ

VERT

Originating Project 76030 76030
Published 76-03-01 76-03-01

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

MARKER LOCATION

Updated: 1988-11-02

LOCATED ON THE SOUTH EAST CORNER OF MANORA DRIVE AND MANORA DRIVE NORTH
EAST (NORTH EAST LEG); AT INTERSECTION OF BACK OF WALKS.

NOTE: ELEVATION SHOWN IS ADOPTED FROM COMBINED VERTICAL ADJUSTMENT OF
PROJECTS #84020 AND #84033, MARCH '85.

NON COORDINATE REVISIONS

1976-12-01 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.

1988-10-03 1988-11-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56583 8 40

99-10-21

0.011 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+08.40 56583 8 40