

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 38.46963 dms
Longitude 113 55 57.34039 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 78-03

ASCM 10819

Tablet Markings 658+8.79

Date Printed 2025-08-03
Last Updated 2007-06-25

Mapsheet Name CALGARY B
Mapsheet Number 5658 + 008

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1065.303 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 06-10-10

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5658273.250 m
Easting 4725.058 m
Convergence 0 03 08.74 dms
Station Ellipsoid Factor 0.999836
Station Combined Factor 0.999736

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/ Order	Grid/ Factor	Grnd	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
169904 655+8.75	129.461	1	70/2	0.999735	197 18 07.96	5.9	0.00	
167791 658+8.80	198.156	1	45/2	0.999736	259 43 42.04	3.8	0.00	
275347 658+8.77	202.054	1	54/2	0.999734	54 08 53.13	4.5	0.00	
132373 658+8.75	228.031	1	48/2	0.999735	350 07 50.03	4.2	0.00	
59022 655+8.87	237.847	1	55/2	0.999737	184 33 21.58	4.2	0.00	
173948 658+8.69	242.524	1	49/2	0.999737	77 48 37.35	3.8	0.00	

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1978-12-06

Meridian Defl,XI(+N) 2.9 s 2 s
Prime Vert Defl,ETA(+E) 3.8 s 2 s
Geoid_Ellip Separation -16.44 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

COORDINATE HISTORY

MARKER LOCATION

Updated: 2007-06-25

Originating Project 78003 78003
Published 83-08-19 83-08-19

LOCATED ON SW CORNER OF ABOYNE WAY AND ABOYNE CRES SE; IN SIDEWALK ; 2.5 M W OF
BOW PROD N; 1.6 M S OF BOW PROD E; 0.70 M SW OF CENTER OF TWIN CB.

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

NON COORDINATE REVISIONS

1978-12-06 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.

2006-10-10 2007-06-25
1988-10-03 1988-11-03

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56583 8 79

99-10-21

0.006 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+08.79 56583 8 79