

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 53.83878 dms
Longitude 113 56 31.77310 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 80-04

ASCM 14514

Tablet Markings 658+8.108

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

Mapsheet Name CALGARY B
Mapsheet Number 5658 + 008

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1079.208 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 88-10-05

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5660601.555 m
Easting 4052.757 m
Convergence 0 02 42.01 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)
286831 658+8.127	156.279	1 70/2	0.999736	141 04 56.67	5.8	0.00
146126 658+8.103	189.357	1 69/2	0.999732	86 49 29.90	3.7	0.00
64089 658+8.106	195.732	1 56/2	0.999734	356 12 45.95	4.4	0.00
146704 658+8.112	206.002	1 73/2	0.999733	124 18 31.78	5.4	0.00
41475 658+8.96	217.764	1 55/2	0.999732	24 41 55.89	4.5	0.00
22673 658+4.332	230.321	1 65/2	0.999735	226 32 19.93	5.5	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1982-03-01

Meridian Defl,XI(+N) 2.7 s 2 s
Prime Vert Defl,ETA(+E) 4.1 s 2 s
Geoid_Ellip Separation -16.46 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 1988-11-03

Originating Project 77045 77045
Published 82-03-01 82-03-01

LOCATED ON TEMPLEVIEW DRIVE AND 32 AVENUE NORTH EAST ON THE SOUTH EAST CORNER;
0.2 M NORTH OF THE NORTH FACE OF CURB OF 32 AVENUE; ON BACK OF WALK EAST
PRODUCED SOUTH OF TEMPLEVIEW DRIVE.

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

NON COORDINATE REVISIONS

1982-03-01 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.

1988-10-05 1988-11-03

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56583 8 108

99-10-21

0.022 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56583 8 108