

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 56.47168 dms
Longitude 113 56 40.05975 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 75-03

ASCM 19992

Tablet Markings 658+4.129

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

Mapsheet Name CALGARY B
Mapsheet Number 5658 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1072.265 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 06-10-17

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5658828.810 m
Easting 3892.809 m
Convergence 0 02 35.53 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)
277103 658+8.39	103.444	1 106/2	0.999737	98 52 35.96	9.2	0.00
64709 658+8.40	132.853	1 75/2	0.999734	53 23 28.87	6.5	0.00
273284 658+4.130	152.681	1 65/2	0.999737	263 51 44.43	5.2	0.00
247791 658+8.38	183.134	1 66/2	0.999734	89 41 13.39	5.3	0.00
179473 658+8.31	203.049	1 59/2	0.999734	157 01 25.60	4.9	0.00
29884 658+4.138	289.392	1 45/2	0.999734	207 09 04.92	3.6	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
FLUSH W/GRD.

COORDINATE HISTORY

MARKER LOCATION

Updated: 2007-06-25

Originating Project 76019 76019
Published 76-10-31 76-10-31

LOCATED BESIDE HOUSE #240 - MANORA CR NE; 0.1 M NW OF BOW ON CURVE; 1.9 M N OF N
/BOW PROD E; 2.4 M W OF W/BOW PROD S; 4.1 M SW OF LT.S.

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

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
MARKER REPORTED IN GOOD CONDITION.

2006-10-17 2007-06-25
1988-09-27 1988-11-17

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56583 4 129

99-10-21

0.013 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+04.129 56583 4 129