

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 53.28814 dms
Longitude 113 58 09.21986 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03
Date Printed 2025-08-03
Last Updated 2006-06-23

ASCM 40642
Tablet Markings 658+4.46
Mapsheet Name CALGARY B
Mapsheet Number 5658 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1081.647 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 06-05-05

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-23

Scale Factor 0.999900 At Ref Mer 114

Northing 5658729.423 m
Easting 2156.915 m
Convergence 0 01 26.17 dms
Station Ellipsoid Factor 0.999833
Station Combined Factor 0.999733

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
133389 658+4.126	103.824	1 144/2	0.999735	118 42 10.39	8.9	0.00
120295 658+4.45	138.539	1 43/1	0.999731	187 23 38.36	3.5	0.00
144311 658+4.35	160.372	1 44/1	0.999736	355 12 20.74	3.1	0.00
216085 658+4.51	173.135	1 46/2	0.999734	216 37 21.69	3.7	0.00
196766 658+4.125	177.199	1 45/2	0.999738	29 36 07.88	4.0	0.00
72751 658+4.77	177.374	1 51/2	0.999731	152 26 40.73	4.0	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1974-01-16

Meridian Defl,XI(+N) 2.7 s 2 s
Prime Vert Defl,ETA(+E) 4.3 s 2 s
Geoid_Ellip Separation -16.40 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 2006-06-19

Originating Project 73123 73123
Published 74-04-23 74-04-23

ON N/S OF HOUSE #1226 - MARDALE DR SE; 0.10 M E OF BOW; IN LINE WITH N P/L FENCE
LINE PROD W; 0.90 M N OF THE N/WALL OF HOUSE PROD W.

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

NON COORDINATE REVISIONS

1974-01-16 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.

2006-05-05 2006-06-19
1988-09-26 1988-10-31

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56583 4 46

99-10-21

0.020 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+04.46 56583 4 46