

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 36.59306 dms
Longitude 113 57 52.33338 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 75-03
Date Printed 2025-08-03
Last Updated 2016-04-08

ASCM 18952
Tablet Markings 655+4.215
Mapsheet Name CALGARY B
Mapsheet Number 5658 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1073.229 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 06-05-15

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2016-04-08

Scale Factor 0.999900 At Ref Mer 114

Northing 5658213.701 m
Easting 2485.947 m
Convergence 0 01 39.30 dms
Station Ellipsoid Factor 0.999834
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)
240960 658+4.49	170.865	1 47/2	0.999731	2 20 58.55	3.9	0.00
135046 658+4.82	189.860	1 47/2	0.999734	52 57 05.91	4.1	0.00
147819 655+4.103	199.427	1 45/2	0.999737	117 06 56.75	3.7	0.00
62885 655+4.214	220.811	1 45/2	0.999738	106 16 36.27	3.5	0.00
96933 658+4.86	230.350	1 39/2	0.999734	277 24 07.03	3.2	0.00
16352 658+4.84	267.161	1 37/2	0.999734	294 02 22.54	3.1	0.00

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

Component Magnitude Std Dev
Meridian Defl,XI(+N) 2.8 s 2 s
Prime Vert Defl,ETA(+E) 4.2 s 2 s
Geoid_Ellip Separation -16.40 m 1 m

MARKER TYPE Updated: 1976-12-01
ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
LANDSCAPED; FLUSH W/GRD.

COORDINATE HISTORY

Originating Project 76102 76102
Published 76-10-31 76-10-31
Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project
Published
Revising Project
Published

MARKER LOCATION Updated: 2006-06-16
ON S/SIDE OF MARCOMBE RD AT 48 ST NE; 0.2 M S OF BOW ON E P/L OF HOUSE NO 4931;
IN LINE WITH BOW ON W/SIDE OF 48 ST NE PROD S.

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 2006-05-15 2006-06-16

COORDINATE HISTORY COMMENTS

HORZ 94-05-24 ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56553 4 215

VERT 99-10-21 0.029 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 655+04.215 56553 4 215