

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 03 48.14352 dms
Longitude 113 56 46.85047 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 75-03
Date Printed 2025-08-03
Last Updated 2007-06-20

ASCM 29884
Tablet Markings 658+4.138
Mapsheet Name CALGARY B
Mapsheet Number 5658 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1070.040 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 94-11-01

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5658571.376 m
Easting 3760.782 m
Convergence 0 02 30.24 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)
219931 658+4.139	213.092	1	38/1 0.999734	263 39 19.49	3.3	0.00
179473 658+8.31	222.792	1	45/2 0.999733	71 32 07.88	3.5	0.00
273284 658+4.130	241.985	1	54/2 0.999734	355 19 11.53	4.4	0.00
274431 658+4.141	265.258	1	49/2 0.999734	303 45 14.64	4.1	0.00
33316 658+4.140	266.261	1	30/1 0.999737	257 18 40.57	2.7	0.00
19992 658+4.129	289.392	1	45/2 0.999734	27 09 04.92	3.6	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) 4.0 s 2 s
Geoid_Ellip Separation -16.43 m 1 m

MARKER TYPE

Updated: 1994-12-01

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
3 CM BGL

COORDINATE HISTORY

Originating Project 76019 76019
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: 1994-12-01

ON NORTH SIDE OF ROAD IN FRONT OF HOUSE NO.5768 MADIGAN DRIVE SOUTH EAST;
0.15M NORTH OF OF BACK OF SEPERATE WALK; IN LINE WITH PROPERTY FENCE OF HOUSE
NO.5768 PRODUCED SOUTH; 18.2 M NORTH WEST OF PEDESTRIAN LIGHT STANDARD.

NOTE: ELEVATION SHOWN IS ADOPTED FROM COMBINED VERTICAL ADJUSMENT OF
PROJECTS #84020 AND #84033, MARCH '85.

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.

1994-11-01 1994-12-01
1988-09-27 1988-11-18

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56583 4 138

VERT

99-10-21

0.013 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+04.138 56583 4 138