

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 03 39.19240 dms  
Longitude 114 04 50.45335 dms  
Horz Class INTEGRATED , ORDER 3

Marker Installed 70-03

ASCM 7724

Tablet Markings 658-4.36

Date Printed 2025-08-03  
Last Updated 2021-11-15

Mapsheet Name CALGARY G  
Mapsheet Number 5658 - 004

Vert Datum CVD28 Updated: 1999-10-21  
Elevation 1083.444 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-04-22

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2021-11-15

Scale Factor 0.999900 At Ref Mer 114

Northing 5658296.518 m  
Easting -5655.671 m  
Convergence -0 03 45.92 dms  
Station Ellipsoid Factor 0.999833  
Station Combined Factor 0.999733

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
54288 658-4.37	267.070	1	41/2	0.999735	275 40 32.07	3.6	0.00
31385 658-4.34	336.349	1	35/2	0.999735	99 29 22.78	2.8	0.00
240150 655-4.190	346.774	1	34/2	0.999736	177 42 45.24	2.8	0.00
181347 658-4.49	347.494	1	40/2	0.999732	10 12 23.92	3.4	0.00
84194 655-4.200	407.388	1	29/1	0.999735	249 44 04.09	2.5	0.00
87809 655-4.191	487.020	1	27/1	0.999737	195 52 40.94	2.2	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-07-07

Meridian Defl,XI(+N) 2.6 s 2 s  
Prime Vert Defl,ETA(+E) 6.0 s 2 s  
Geoid\_Ellip Separation -16.20 m 1 m

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

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-07-07

Originating Project 70106 70106  
Published 71-04-21 71-04-21

ON THE NORTH SIDE OF ROAD IN FRONT OF HOUSE NO. 1102 - 9 STREET N.W.; 1.5 M NORTH OF B.O.W.; 1.5 M EAST OF MOST EASTERLY WALL OF HOUSE PRODUCED SOUTH; 0.15 M WEST OF N-S CONCRETE RETAINING WALL.

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

NON COORDINATE REVISIONS

1971-04-21 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

1993-04-22 1993-07-07

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56584 4 36

99-10-21

0.023 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658-04.36 658-04 36