

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 04 45.54521 dms  
Longitude 114 05 24.98883 dms  
Horz Class INTEGRATED , ORDER 3

Marker Installed 71-03  
Date Printed 2025-08-03  
Last Updated 2003-03-12

ASCM 24133  
Tablet Markings 658-4.184  
Mapsheet Name CALGARY G  
Mapsheet Number 5658 - 004

Vert Datum CVD28 Updated: 1999-10-21  
Elevation 1089.820 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-03-01

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 1999-10-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5660347.572 m  
Easting -6325.629 m  
Convergence -0 04 12.85 dms  
Station Ellipsoid Factor 0.999832  
Station Combined Factor 0.999732

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
138826 658-4.186	127.210	1 118/2	0.999732	352 36 38.81	6.4	0.00
48744 658-4.183	154.746	1 97/2	0.999734	186 04 46.79	5.4	0.00
152835 658-4.187	193.686	1 83/2	0.999734	13 45 56.73	6.0	0.00
280370 658-4.174	224.441	1 76/2	0.999734	61 57 39.09	6.4	0.00
243907 658-4.182	261.774	1 61/2	0.999733	167 29 05.28	4.7	0.00
161729 658-4.178	289.395	1 59/2	0.999736	100 48 03.00	5.0	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-07-06

Meridian Defl,XI(+N) 2.5 s 2 s  
Prime Vert Defl,ETA(+E) 6.1 s 2 s  
Geoid\_Ellip Separation -16.21 m 1 m

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

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-07-06

Originating Project 71101 71101  
Published 71-03-01 71-03-01

ON THE EAST SIDE OF ROAD IN FRONT OF HOUSE NO. 44 ROSEWOOD ROAD N.W.; 1.3 M  
EAST OF B.O.W.; 2.0 M SOUTH OF THE SOUTH WALL OF HOUSE PRODUCED WEST; 2.5 M  
EAST OF F.O.C.

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

NON COORDINATE REVISIONS

1972-01-25 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

1993-03-01 1993-07-06

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56584 4 184

99-10-21

0.034 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658-04.184 56584 4 184