

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 04 13.94584 dms  
Longitude 113 58 05.27502 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 79-03  
Date Printed 2025-08-03  
Last Updated 2003-03-12

ASCM 52787  
Tablet Markings 658+4.320  
Mapsheet Name CALGARY B  
Mapsheet Number 5658 + 004

Vert Datum CVD28 Updated: 1999-10-21  
Elevation 1082.237 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 96-09-03

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 1999-10-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5659367.770 m  
Easting 2233.446 m  
Convergence 0 01 29.25 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)
87486 658+4.192	145.205	1 96/2	0.999733	309 30 29.05	6.5	0.00
251199 658+4.319	161.000	1 99/2	0.999735	184 57 40.65	4.7	0.00
22624 658+4.215	188.527	1 80/2	0.999733	248 20 49.19	5.5	0.00
110247 658+4.195	235.360	1 59/2	0.999732	87 45 12.91	3.2	0.00
225326 658+4.196	264.839	1 57/2	0.999733	270 50 47.72	3.2	0.00
130831 658+4.93	311.056	1 42/2	0.999731	77 57 23.90	2.7	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2001-08-28

Meridian Defl,XI(+N) 2.7 s 2 s  
Prime Vert Defl,ETA(+E) 4.3 s 2 s  
Geoid\_Ellip Separation -16.41 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
14 CM AGL.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1988-11-08

Originating Project 79035 79035  
Published 83-08-18 83-08-18

LOCATED ON THE SOUTH EAST CORNER OF RUNDLEHORN DRIVE AND RUNDLEFIELD ROAD  
NORTH EAST; AT INTERSECTION OF BACK OF WALKS.

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

NON COORDINATE REVISIONS

1981-01-15 FIRST MARKER LOCATION  
DESCRIPTION ENTERED  
2003-03-12 "MAPSHEET NAME" AND/OR  
"MAPSHEET NO" CHANGED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED AS CAP EFFACED, VERTICALLY UNSTABLE.  
MARKER REPORTED IN GOOD CONDITION.

1996-09-03 2001-08-28  
1988-09-29 1988-11-08

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56583 4 320

99-10-21

0.021 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+04.320 56583 4 320