

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 04 11.69751 dms  
Longitude 113 58 14.27473 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 76-03

ASCM 22624

Tablet Markings 658+4.215

Date Printed 2025-08-03  
Last Updated 2007-06-26

Mapsheet Name CALGARY B  
Mapsheet Number 5658 + 004

Vert Datum CVD28 Updated: 1999-10-21  
Elevation 1077.858 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 07-01-26

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-26

Scale Factor 0.999900 At Ref Mer 114

Northing 5659298.225 m  
Easting 2058.269 m  
Convergence 0 01 22.25 dms  
Station Ellipsoid Factor 0.999834  
Station Combined Factor 0.999734

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/ Order	Grid/ Factor	Grnd	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
225326 658+4.196	115.865	1	86/2	0.999728	309 21	28.56	6.5	0.00
87486 658+4.192	173.835	1	63/2	0.999729	21 19	00.39	5.1	0.00
251199 658+4.319	185.117	1	92/2	0.999736	119 23	06.94	7.3	0.00
52787 658+4.320	188.527	1	80/2	0.999733	68 20	49.19	5.5	0.00
135715 658+4.198	195.561	1	46/2	0.999734	290 38	21.70	3.7	0.00
276352 658+4.199	248.924	1	40/2	0.999734	227 12	26.31	3.4	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1976-12-01

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

COORDINATE HISTORY

MARKER LOCATION

Updated: 2007-06-26

Originating Project 76030 76030  
Published 76-03-01 76-03-01

LOCATED ON RUNDLERIDGE DR IN FRONT OF HOUSE #144; 0.1 M N OF BOW ON CURVE; 2.1 M  
N OF N/BOW PROD E; 3.0 M W OF E/BOW PROD N.

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

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.

2007-01-26 2007-06-26  
1988-09-29 1988-11-07

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56583 4 215

99-10-21

0.018 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+04.215 56583 4 215