

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 04 18.00010 dms  
Longitude 113 57 51.50697 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 76-03

ASCM 1503

Tablet Markings 658+4.224

Date Printed 2025-08-03  
Last Updated 2007-06-25

Mapsheet Name CALGARY B  
Mapsheet Number 5658 + 004

Vert Datum CVD28 Updated: 1999-10-21  
Elevation 1086.937 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: 2007-06-25

Scale Factor 0.999900 At Ref Mer 114

Northing 5659493.168 m  
Easting 2501.419 m  
Convergence 0 01 39.96 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)
171546 658+4.309	102.046	1 157/3	0.999739	106 54 56.75	9.9	0.00
110247 658+4.195	120.764	1 99/2	0.999735	195 47 31.71	7.3	0.00
88435 658+4.101	150.207	1 53/2	0.999731	54 37 55.91	4.6	0.00
240390 658+4.98	178.536	1 62/2	0.999729	8 50 59.94	5.3	0.00
158410 658+4.310	180.127	1 94/2	0.999731	122 24 55.91	6.7	0.00
162925 658+4.99	217.660	1 46/2	0.999733	36 31 54.71	4.0	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 -16.42 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

COORDINATE HISTORY

MARKER LOCATION

Updated: 2007-06-22

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

LOCATED ON SE CORNER OF 48 ST AND RUNDLEWOOD RD NE IN FRONT OF HOUSE @2216 48 ST  
NE; 0.4 M NW OF BOW ON CURVE; 3.3 M E OF E/BOW PROD N; 1.8 M S OF S/BOW PROD W.

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 2007-06-22  
1988-09-29 1988-11-09

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56583 4 224

99-10-21

0.021 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+04.224 56583 4 224