

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 18.20883 dms
Longitude 113 57 40.26439 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 75-03

ASCM 30247

Tablet Markings 658+4.92

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

Mapsheet Name CALGARY B
Mapsheet Number 5658 + 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1085.663 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: 2021-11-15

Scale Factor 0.999900 At Ref Mer 114

Northing 5659499.728 m
Easting 2720.279 m
Convergence 0 01 48.70 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)
158410 658+4.310	122.898	1 130/2	0.999729	212 57 28.32	10.8	0.00
88435 658+4.101	125.540	1 88/2	0.999736	309 48 47.41	7.1	0.00
171546 658+4.309	126.590	1 118/2	0.999729	253 21 29.57	4.4	0.00
48801 658+4.315	130.337	1 138/3	0.999734	138 19 01.00	9.6	0.00
261586 658+4.100	168.348	1 59/2	0.999736	353 12 58.96	5.2	0.00
162925 658+4.99	190.578	1 58/2	0.999736	332 02 26.10	4.8	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) 4.2 s 2 s
Geoid_Ellip Separation -16.42 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 2007-06-22

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

LOCATED ON THE NORTH EAST CORNER OF RUNDLEHORN DRIVE AND 50 STREET NORTH
EAST IN FRONT OF A STRIP MALL; AT INTERSECTION OF BACK OF WALKS; 2.7 M E OF E/BO
W PROD S.

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 1988-11-17

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56583 4 92

99-10-21

0.020 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+04.92 56583 4 92