

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 03.34388 dms
Longitude 113 58 22.55684 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 76-03

ASCM 2428

Tablet Markings 658+4.200

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 1075.510 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 88-09-29

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-25

Scale Factor 0.999900 At Ref Mer 114

Northing 5659040.039 m
Easting 1897.127 m
Convergence 0 01 15.80 dms
Station Ellipsoid Factor 0.999834
Station Combined Factor 0.999734

ASCM Tablet To Markings	Horizontal Distance	Std Dev (m)	PPM/ Order	Grid/ Factor	Grnd	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
183202 658+4.216	149.760	1	40/1	0.999736	88 43 48.54	3.2	0.00	
48330 658+4.204	267.260	1	41/2	0.999736	285 48 21.33	3.3	0.00	
195123 658+4.206	282.822	1	39/2	0.999733	338 05 15.30	3.2	0.00	
144311 658+4.35	288.975	1	28/1	0.999732	121 28 34.92	2.2	0.00	
22624 658+4.215	304.427	1	33/1	0.999735	31 58 10.50	2.8	0.00	
177675 658+4.201	311.773	1	26/1	0.999734	270 06 49.63	2.1	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) 4.4 s 2 s
Geoid_Ellip Separation -16.40 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 RUNDLE RIDGE DRIVE AND 41 STREET IN FRONT OF
HOUSE #1704; 0.1 M NE OF BOW ON CURVE; 0.3 M N OF N/BOW PROD E; 7.4 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.

1988-09-29 1988-11-07

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56583 4 200

99-10-21

0.017 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658+04.200 56583 4 200