

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 05.50128 dms
Longitude 114 09 51.52825 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 66-03

ASCM 22657

Tablet Markings B23

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

Mapsheet Name CALGARY G
Mapsheet Number 5658 - 008

Vert Datum CVD28 Updated: 2001-03-06
Elevation 1059.848 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 05-07-19

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2021-11-15

Scale Factor 0.999900 At Ref Mer 114

Northing 5659119.199 m
Easting -11516.348 m
Convergence -0 07 40.15 dms
Station Ellipsoid Factor 0.999836
Station Combined Factor 0.999738

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
210823 1722.37	165.254	1	42/1	0.999740	101 20 46.26	3.2	0.00
251975 1722.36	234.462	1	34/1	0.999738	51 05 41.99	2.8	0.00
289603 B28	353.375	1	25/1	0.999738	327 41 57.99	2.2	-0.01
73809 170225	472.743	1	17/1	0.999738	0 24 09.83	1.5	-0.01
260521 B25	505.908	1	29/2	0.999730	207 05 55.08	2.4	0.01
272948 B-26	520.653	1	25/1	0.999731	244 29 16.73	2.2	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2006-06-16

Meridian Defl,XI(+N) 2.7 s 2 s
Prime Vert Defl,ETA(+E) 7.0 s 2 s
Geoid_Ellip Separation -16.03 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
20 CM BGL; LANDSCAPED.

COORDINATE HISTORY

MARKER LOCATION

Updated: 2006-06-16

Originating Project 70107 70107
Published 70-12-23 70-12-23

LOCATED ON THE SE CORNER OF MONTGOMERY BLVD AND HOME RD NW; 1.6 M S OF S/FOC; 2.7 M E OF E/BOW PROD S; 11.2 M E OF CB.

Revising Project NAD83 21002
Published 94-05-24 01-03-06
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1970-12-23 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	2005-07-19	2006-06-16
MARKER REPORTED IN GOOD CONDITION	1993-11-01	1993-12-31
MARKER REPORTED IN GOOD CONDITION	1991-12-02	1992-01-23
MARKER REPORTED IN GOOD CONDITION	1989-02-08	1990-05-03

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56584 8 26

01-03-06

0.018 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56584 8 26