

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 04 45.29291 dms
Longitude 114 09 10.60723 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 70-03

ASCM 22012

Tablet Markings 1722.6

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 1111.635 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 5660347.028 m
Easting -10717.112 m
Convergence -0 07 08.38 dms
Station Ellipsoid Factor 0.999828
Station Combined Factor 0.999730

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/ Order	Grid/ Factor	Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
187740 1722.7	155.707	1	51/2	0.999724	292 51	13.85	4.1	0.00
38240 1723.20	233.650	1	43/2	0.999730	342 03	25.42	3.7	-0.01
477984 658-8.250	250.526	1	60/2	0.999730	20 27	31.00	5.0	-0.01
10603 1722.14	299.312	1	37/2	0.999729	252 58	17.31	3.0	0.00
145755 1722.13	372.185	1	30/1	0.999730	249 46	55.75	2.5	0.00
32482 1722.17	458.375	1	26/1	0.999733	199 14	09.25	2.1	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1970-12-23

Meridian Defl,XI(+N) 2.5 s 2 s
Prime Vert Defl,ETA(+E) 6.8 s 2 s
Geoid_Ellip Separation -16.07 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

COORDINATE HISTORY

MARKER LOCATION

Updated: 2006-06-16

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

IN SIDEWALK ON SW CORNER OF MACKAY RD AND MONTANA DR NW; 0.5 M W OF FOW; 7.8 M S
OF FOW; 7.6 M N OF LT.S.

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
MARKER REPORTED IN GOOD CONDITION

2005-07-19 2006-06-16
1989-02-07 1990-05-01

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56584 8 58

01-03-06

0.025 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56584 8 58