

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 07.18818 dms
Longitude 114 09 37.72384 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 70-03
Date Printed 2025-08-03
Last Updated 2006-06-28

ASCM 52233
Tablet Markings 1723.18
Mapsheet Name CALGARY G
Mapsheet Number 5661 - 008

Vert Datum CVD28 Updated: 2001-03-06
Elevation 1108.788 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 05-07-11

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5661024.707 m
Easting -11243.439 m
Convergence -0 07 29.52 dms
Station Ellipsoid Factor 0.999829
Station Combined Factor 0.999730

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
197509 1723.8	268.218	1	30/1	0.999731	275 38 17.97	2.6	0.00
439034 1723.2	366.328	1	41/2	0.999729	21 13 03.28	3.4	-0.01
494682 661-8.238	432.026	1	32/2	0.999729	38 36 49.81	2.7	-0.01
56226 1723.10	442.230	1	29/2	0.999731	189 39 43.65	2.4	0.01
120519 1723.19	447.340	1	27/1	0.999731	174 31 56.81	2.2	0.01
247098 1722.9	475.513	1	27/1	0.999731	202 24 25.70	2.2	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 -16.06 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

LANDSCAPED.

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 2006-06-19

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

IN WALK ON W/S OF RD ACROSS FROM APPT #112 - 50 ST AND S OF VARSCLIFF RD NW; 0.7
M W OF FOC; 8.4 M S OF LT.S.; 42 M S OF BACK OF SEP.W. PROD E.

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

2005-07-11 2006-06-19
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 93

01-03-06

0.024 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56584 8 93