

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 55 55.23172 dms
Longitude 114 02 03.34051 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 73-03

ASCM 68536

Tablet Markings 643-0.105

Date Printed 2025-08-03
Last Updated 2006-06-23

Mapsheet Name CALGARY F
Mapsheet Number 5643 - 000

Vert Datum CVD28 Updated: 1983-03-21
Elevation 1040.514 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 05-06-13

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-23

Scale Factor 0.999900 At Ref Mer 114

Northing 5643957.971 m
Easting -2408.333 m
Convergence -0 01 35.76 dms
Station Ellipsoid Factor 0.999840
Station Combined Factor 0.999740

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
149211 643-0.104	109.371	1 82/2	0.999742	206 23 41.71	3.6	0.00
69096 643-0.107	214.036	1 47/2	0.999739	322 55 39.43	4.0	0.00
160143 643-0.106	291.720	1 27/1	0.999737	349 55 00.75	2.3	0.00
242032 643-0.115	340.993	1 29/1	0.999740	265 10 56.33	2.5	0.00
15354 643-0.108	344.208	1 32/2	0.999740	294 23 15.30	2.6	0.00
114140 643-0.180	386.308	1 26/1	0.999740	233 15 56.52	2.1	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1974-03-21

Meridian Defl,XI(+N) 4.0 s 2 s
Prime Vert Defl,ETA(+E) 5.5 s 2 s
Geoid_Ellip Separation -16.07 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 2006-06-23

Originating Project 73118 73118
Published 83-03-21 83-03-21

ON E/S OF RD ACROSS FROM HOUSE #1024 - LAKE ONTARIO DR SE; 0.05 M E OF BOW; IN L
INE WITH THE S/WALL OF HOUSE PROD E; 2.0 M NW OF LT.S.

Revising Project NAD83
Published 94-05-24
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1974-03-21 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	2005-06-13	2006-06-23
MARKER REPORTED IN GOOD CONDITION	1999-09-23	2001-08-17
MARKER REPORTED IN GOOD CONDITION	1989-03-29	1990-05-01
MARKER REPORTED IN GOOD CONDITION	1987-12-14	1988-06-27

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56434 0 105

HISTORY 643+00.105 56434 0 105