

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 56 00.75515 dms
Longitude 114 02 09.95098 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 73-03
Date Printed 2025-08-03
Last Updated 2006-06-28

ASCM 69096
Tablet Markings 643-0.107
Mapsheet Name CALGARY F
Mapsheet Number 5643 - 000

Vert Datum CVD28 Updated: 1983-03-21
Elevation 1038.667 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 05-06-15

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5644128.700 m
Easting -2537.325 m
Convergence -0 01 40.90 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)
160143 643-0.106	140.125	1 57/2	0.999737	33 48 02.81	4.0	0.00
15354 643-0.108	186.681	1 48/2	0.999740	261 10 21.74	4.0	0.00
68536 643-0.105	214.036	1 47/2	0.999739	142 55 39.43	4.0	0.00
149211 643-0.104	280.513	1 39/2	0.999741	163 20 36.93	3.1	0.00
242032 643-0.115	290.148	1 38/2	0.999740	226 35 06.60	2.8	0.00
173997 643-0.109	400.652	1 30/1	0.999739	290 24 08.47	2.6	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 HORZ VERT

MARKER LOCATION

Updated: 2006-06-23

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

IN LANE ON E/S OF HOUSE #1520 - LAKE BONAVISTA DR SE; 1.2 M S OF BOW; 0.6 M E OF
WOODEN RETAINING WALL S/S LANE PROD N; 2.4 M E OF THE E/EDGE OF CONCRETE DW PAD
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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
MARKER REPORTED IN GOOD CONDITION

2005-06-15 2006-06-23
1989-03-29 1990-05-01

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56434 0 107

HISTORY 643+00.107 56434 0 107