

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 55 57.19557 dms
Longitude 114 02 36.55452 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 73-03
Date Printed 2025-08-03
Last Updated 2007-06-25

ASCM 2642
Tablet Markings 643-0.113
Mapsheet Name CALGARY F
Mapsheet Number 5643 - 000

Vert Datum CVD28 Updated: 1983-03-21
Elevation 1043.629 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 06-10-16

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5644018.993 m
Easting -3056.830 m
Convergence -0 02 01.55 dms
Station Ellipsoid Factor 0.999839
Station Combined Factor 0.999739

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
299511 643-0.114	182.770	1 49/2	0.999736	122 29 40.88	4.1	0.00
173997 643-0.109	288.054	1 42/2	0.999739	30 01 18.98	3.5	0.00
242032 643-0.115	321.632	1 31/1	0.999739	106 11 22.53	2.7	0.00
15354 643-0.108	344.840	1 35/2	0.999738	76 23 58.90	2.8	0.00
248195 643-0.130	352.885	1 31/1	0.999738	136 31 47.40	2.6	0.00
102665 643-0.131	369.555	1 32/2	0.999738	200 56 58.14	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) 5.6 s 2 s
Geoid_Ellip Separation -16.05 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
40 CM BGL.

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 2007-06-25

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

LOCATED ON NE CORNER OF LAKE LUCERNE DR AND LAKE ARROW RD; 2.4 M E OF E/BOW OF L
AKE ARROW RD; 3.3 M N OF N/BOW OF LAKE LUCERNE DR SE; 1.0 M NE OF BOW ON CURVE.

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

2006-10-16 2007-06-25
1989-03-29 1990-05-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56434 0 113

HISTORY 643+00.113 56434 0 113