

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 55 59.82524 dms
Longitude 114 02 19.39552 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 73-03
Date Printed 2025-08-03
Last Updated 2006-06-26

ASCM 15354
Tablet Markings 643-0.108
Mapsheet Name CALGARY F
Mapsheet Number 5643 - 000

Vert Datum CVD28 Updated: 1983-03-21
Elevation 1041.339 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: 2006-06-26

Scale Factor 0.999900 At Ref Mer 114

Northing 5644100.060 m
Easting -2721.747 m
Convergence -0 01 48.23 dms
Station Ellipsoid Factor 0.999839
Station Combined Factor 0.999739

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/ Grid/ Grnd Order Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
242032 643-0.115	172.777	1	46/2 0.999739	188 45 11.42	3.4	0.00
69096 643-0.107	186.681	1	48/2 0.999740	81 10 21.74	4.0	0.00
173997 643-0.109	254.618	1	39/2 0.999739	311 22 51.69	3.1	0.00
299511 643-0.114	254.768	1	43/2 0.999738	225 16 35.82	3.7	0.00
160143 643-0.106	299.860	1	33/2 0.999739	61 03 45.79	2.7	0.00
68536 643-0.105	344.208	1	32/2 0.999740	114 23 15.30	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 -16.06 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

LANDSCAPED.

COORDINATE HISTORY

MARKER LOCATION

Updated: 2006-06-26

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

ON SW CORNER OF LAKE BONA VISTA DR AT LAKE CRIMSON DR SE; 8.4 M S OF BOW PROD E;
1.2 M W OF BOW; 2.8 M SW 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
MARKER REPORTED IN GOOD CONDITION

2005-06-15 2006-06-26
1989-03-29 1990-05-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56434 0 108

HISTORY 643+00.108 56434 0 108