

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 55 51.75488 dms
Longitude 114 03 06.80011 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 77-03

ASCM 15347

Tablet Markings 643-0.220

Date Printed 2025-08-03
Last Updated 2007-06-25

Mapsheet Name CALGARY F
Mapsheet Number 5643 - 000

Vert Datum CVD28 Updated: 1983-06-15
Elevation 1043.883 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 05-09-28

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5643851.264 m
Easting -3647.513 m
Convergence -0 02 25.03 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)
91298 643-0.221	227.772	1 48/2	0.999736	28 57 14.36	4.3	0.00
294355 643-0.222	300.267	1 43/2	0.999738	17 52 58.71	3.6	0.00
226514 643-0.129	317.873	1 35/2	0.999740	253 48 44.99	2.8	0.00
125005 643-4.191	480.177	1 29/2	0.999739	268 07 38.53	2.4	0.00
102665 643-0.131	491.797	1 26/1	0.999739	111 08 18.47	2.2	0.00
95042 643-0.224	536.878	1 32/2	0.999738	342 57 21.60	2.7	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1978-01-19

Meridian Defl,XI(+N) 4.1 s 2 s
Prime Vert Defl,ETA(+E) 5.8 s 2 s
Geoid_Ellip Separation -16.03 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 2007-06-25

Originating Project 77028 77028
Published 83-06-15 83-06-15

LOCATED ON THE SE CORNER OF LAKE PLACID DR AT LAKE PLACID RISE SE; 0.01 M E OF BOW ON CURVE; 0.01 M N OF THE N/SIDE OF DRIVEWAY PAD IN FRONT OF HOUSE #4 - LAKE PLACID RISE; 0.3 M E OF BOW PROD N.

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

NON COORDINATE REVISIONS

1978-01-19 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

2005-09-28 2007-06-25
1989-03-21 1990-05-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56434 0 220

HISTORY 643+00.220 56434 0 220