

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 57 13.86751 dms
Longitude 114 02 02.58628 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 70-03

ASCM 30452

Tablet Markings 646-0.36

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

Mapsheet Name CALGARY F
Mapsheet Number 5646 - 000

Vert Datum CVD28 Updated: 1999-08-16
Elevation 1040.943 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 06-10-13

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-25

Scale Factor 0.999900 At Ref Mer 114

Northing 5646387.724 m
Easting -2392.484 m
Convergence -0 01 35.21 dms
Station Ellipsoid Factor 0.999839
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)
246751 646-0.35	114.882	1 104/2	0.999744	192 40 08.03	5.0	0.00
148445 646-0.28	144.058	1 104/2	0.999743	274 49 37.23	8.6	0.00
208231 646-0.27	304.175	1 49/2	0.999740	341 21 55.63	4.2	0.00
229518 646-0.37	326.654	1 40/2	0.999737	13 39 22.80	2.9	0.00
124586 646-0.30	334.203	1 48/2	0.999740	290 42 50.41	3.8	0.00
230599 643-0.33	389.227	1 36/2	0.999740	189 38 22.42	2.9	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2007-06-25

Meridian Defl,XI(+N) 3.7 s 2 s
Prime Vert Defl,ETA(+E) 5.3 s 2 s
Geoid_Ellip Separation -16.12 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

LANDSCAPED, 0.9 M E OF GP.

COORDINATE HISTORY

HORZ VERT

Originating Project 70103 70103
Published 71-05-25 71-05-25

Revising Project NAD83 98014
Published 94-05-24 99-08-16
Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 2007-06-25

LOCATED IN MAPLE RIDGE GOLF COURSE BEHIND HOUSE #104 - MAPLEBURN DR SE; 1.1 M E
OF E/BDY FENCE LINE (CHAIN LINK) OF HOUSE #104; 1.2 M N OF N/WALL OF HOUSE #104
PROD E.

NON COORDINATE REVISIONS

1971-05-25 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

2006-10-13 2007-06-25
1993-09-24 1994-01-18

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56464 0 36

VERT

99-08-16

0.015 m ELEVATION REVISED AND REINTEGRATED

HISTORY 646+00.36 56464 0 36