

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 06 23.57273 dms
Longitude 114 12 04.50453 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 76-03

ASCM 53884

Tablet Markings 661-12.218

Date Printed 2025-08-03
Last Updated 2006-06-28

Mapsheet Name CALGARY G
Mapsheet Number 5661 - 012

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1135.866 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-10-20

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5663391.981 m
Easting -14093.575 m
Convergence -0 09 23.89 dms
Station Ellipsoid Factor 0.999825
Station Combined Factor 0.999727

ASCM Tablet To Markings	Horizontal Distance	Std Dev (m)(cm)	PPM/ Order	Grid/ Factor	Grnd	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
34496 661-12.223	134.180	1	74/2	0.999728	166 47 04.37	5.7	0.00	
98632 661-12.215	185.159	1	43/2	0.999724	357 45 12.62	3.8	-0.01	
285429 661-12.219	189.231	1	48/2	0.999723	288 23 08.25	3.8	0.00	
157727 661-12.217	203.680	1	49/2	0.999726	44 11 31.10	4.1	-0.01	
131052 661-12.166	206.947	1	48/2	0.999728	141 25 07.75	4.0	0.01	
14019 661-12.220	226.420	1	49/2	0.999724	307 34 11.99	4.2	0.00	

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1977-09-09

Meridian Defl,XI(+N) 2.4 s 2 s
Prime Vert Defl,ETA(+E) 6.9 s 2 s
Geoid_Ellip Separation -15.99 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

COORDINATE HISTORY HORZ VERT

Originating Project 76044 76044
Published 83-06-14 83-06-14

Revising Project NAD83 98016
Published 94-05-24 00-06-15
Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 1994-02-04

IN FRONT OF HOUSE #203 SILVER HILL WAY NW; 0.50 M SE OF F.O.R.C.
ON CURVE; 8.8 M E OF W WALL PROD. NW; 2.4 M E OF THE EDGE OF
CONC. DWY. PAD PROD. NW.

NON COORDINATE REVISIONS

1977-09-09 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.

1993-10-20 1994-02-04
1988-10-28 1989-05-16

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56614 12 218

VERT

00-06-15

0.032 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56614 12 218