

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 06 19.34918 dms
Longitude 114 12 02.90976 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 76-03

ASCM 34496

Tablet Markings 661-12.223

Date Printed 2025-08-03
Last Updated 2020-01-09

Mapsheet Name CALGARY G
Mapsheet Number 5661 - 012

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1124.227 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: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5663261.390 m
Easting -14062.908 m
Convergence -0 09 22.64 dms
Station Ellipsoid Factor 0.999826
Station Combined Factor 0.999729

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/ Order	Grid/ Factor	Grnd	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
131052 661-12.166	103.195	1	87/2	0.999727	107 34 07.48	7.0	0.00	
53884 661-12.218	134.180	1	74/2	0.999728	346 47 04.37	5.7	0.00	
3970 661-12.168	250.525	1	44/2	0.999728	56 04 26.74	3.8	0.00	
60087 661-12.185	266.972	1	41/2	0.999728	274 52 03.85	3.4	0.00	
285429 661-12.219	283.588	1	39/2	0.999726	312 09 03.36	3.4	-0.01	
108985 661-12.186	288.948	1	42/2	0.999731	248 26 25.41	3.4	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

MARKER LOCATION

Updated: 1994-02-04

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

ON N/S OF RD. IN FRONT OF HOUSE #191 SILVER CREST CRES. NW;
0.60 M N OF F.O.R.C.; 2.0 M W OF THE W WALL OF HOUSE PROD. S;
2.10 M NE OF CB. .

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

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 1989-05-10

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 12 223

00-06-15

0.032 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56614 12 223