

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 06 49.61239 dms  
Longitude 114 11 57.59489 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 77-03

ASCM 2451

Tablet Markings 661-12.244

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

Mapsheet Name CALGARY G  
Mapsheet Number 5664 - 012

Vert Datum CVD28 Updated: 2000-06-15  
Elevation 1168.330 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-10-18

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5664196.234 m  
Easting -13956.985 m  
Convergence -0 09 18.57 dms  
Station Ellipsoid Factor 0.999819  
Station Combined Factor 0.999722

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev (m) (cm)	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
104406 661-12.226	146.123	1	41/1	0.999723	273 52 49.42	3.6	0.00
29058 661-12.260	185.106	1	70/2	0.999721	183 33 45.23	4.2	0.01
190215 661-12.258	225.776	1	57/2	0.999723	147 34 15.45	5.0	0.01
213967 661-12.255	230.209	1	48/2	0.999723	112 19 05.75	4.1	0.00
191726 661-12.257	297.984	1	57/2	0.999722	159 54 17.44	4.2	0.01
57422 661-12.224	309.647	1	32/1	0.999722	186 24 21.85	2.6	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1994-02-04

Meridian Defl,XI(+N) 2.3 s 2 s  
Prime Vert Defl,ETA(+E) 6.9 s 2 s  
Geoid\_Ellip Separation -16.01 m 1 m

ASC BRASS TABLET SET ON TOP OF 2" X 10' STEEL PIPE.  
3 CM BGL.

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 #7732 68 AVE. NW; 0.15 M N OF B.O.R.C.;  
1.2 M E OF W WALL OF HOUSE PROD. S; 6.3 M NE OF CENTER OF SEWER MH. .

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.

1993-10-18 1994-02-04  
1988-10-28 1989-05-08

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 12 244

00-06-15

0.027 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56614 12 244