

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 05 30.68590 dms  
Longitude 114 12 07.83547 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03  
Date Printed 2025-08-03  
Last Updated 2020-01-09

ASCM 23440  
Tablet Markings 661-12.52  
Mapsheet Name CALGARY G  
Mapsheet Number 5661 - 012  
Marker Condition GOOD 93-09-28

Vert Datum CVD28 Updated: 2000-06-15  
Elevation 1076.006 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5661757.971 m  
Easting -14162.858 m  
Convergence -0 09 26.37 dms  
Station Ellipsoid Factor 0.999834  
Station Combined Factor 0.999736

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	PPM/ Factor	Grid/ Bearing (dms)	Grnd Dev (s)	T-t Corr (s)
257105 661-12.51	201.849	1	59/2	0.999736 274 59 15.18	3.7	0.00
27748 661-12.71	258.440	1	43/2	0.999737 356 39 28.03	3.2	-0.01
184564 661-12.55	274.165	1	51/2	0.999736 135 48 26.03	4.1	0.01
69625 661-12.53	315.195	1	38/2	0.999735 183 55 46.01	3.2	0.01
176347 661-12.73	326.610	1	40/2	0.999738 317 24 18.28	3.3	-0.01
131268 661-12.50	357.602	1	45/2	0.999736 254 19 12.26	3.5	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1973-06-19

Meridian Defl,XI(+N) 2.6 s 2 s  
Prime Vert Defl,ETA(+E) 7.0 s 2 s  
Geoid\_Ellip Separation -15.97 m 1 m

ASC BRASS TABLET ON TOP OF 2" X 5.1' STEEL PIPE.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1994-02-03

Originating Project 72106 72106  
Published 83-04-29 83-04-29

ON E/S OF 79 ST. AT 44 AVE. NW; 0.80 M E OF B.O.W.; IN LINE WITH  
B.OF SEP.W S/S PROD. E; 8.4 M SE OF CB. .

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

NON COORDINATE REVISIONS

1973-06-19 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.

1993-09-28 1994-02-03  
1988-10-14 1989-05-16

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 12 52

00-06-15

0.012 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56614 12 52