

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 42.19326 dms
Longitude 114 11 57.07592 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03

ASCM 31773

Tablet Markings 661-12.69

Date Printed 2025-08-03
Last Updated 2020-07-28

Mapsheet Name CALGARY G
Mapsheet Number 5661 - 012

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1077.665 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-09-28

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-07-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5662112.974 m
Easting -13952.527 m
Convergence -0 09 18.02 dms
Station Ellipsoid Factor 0.999834
Station Combined Factor 0.999736

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
240101 661-12.68	99.905	1	140/2	0.999739	358 01 17.93	6.1	0.00
17152 B44	180.278	1	83/2	0.999734	56 02 00.34	6.4	0.00
100149 B45	222.897	1	67/2	0.999740	291 44 36.58	5.7	0.00
27748 661-12.71	245.473	1	65/2	0.999736	246 41 59.99	5.2	0.00
173765 661-12.67	256.323	1	62/2	0.999735	113 07 41.37	5.1	0.00
108837 661-12.63	289.967	1	59/2	0.999736	97 34 23.89	5.0	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1973-06-19

Meridian Defl,XI(+N) 2.5 s 2 s
Prime Vert Defl,ETA(+E) 6.9 s 2 s
Geoid_Ellip Separation -15.98 m 1 m

ASC BRASS TABLET ON TOP OF 2" X 4.8' STEEL PIPE.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1994-02-03

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

ON NE COR. OF 47 AVE. AND 77 ST. NW; 1.8 M N OF B.O.W. PROD. W;
5.0 M E OF F.O.C. PROD. S; 0.25 M NE OF B.O.W. ON CURVE.

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 CONDITION COMMENTS	Inspected	Updated
MARKER REPORTED IN GOOD CONDITION	1993-09-28	1994-02-03
MARKER REPORTED IN GOOD CONDITION	1993-09-22	1994-02-03
MARKER REPORTED IN GOOD CONDITION.	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 69

00-06-15

0.012 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56614 12 69