

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 25.85898 dms
Longitude 114 03 37.58413 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 71-03

ASCM 20818

Tablet Markings 661-04.125

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

Mapsheet Name CALGARY G
Mapsheet Number 5661 - 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1071.671 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-07-22

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5661591.115 m
Easting -4234.066 m
Convergence -0 02 49.31 dms
Station Ellipsoid Factor 0.999835
Station Combined Factor 0.999735

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
198010 661-04.122	241.720	1	87/2	0.999736	218 33 54.86	6.8	0.00
39461 661-04.128	292.526	1	106/3	0.999736	292 46 24.15	5.3	0.00
218438 661+00.86	294.613	1	98/3	0.999735	44 20 02.72	8.1	0.00
244145 661-04.136	317.953	1	75/2	0.999734	15 32 41.86	6.5	0.00
206532 661-04.135	330.264	1	73/2	0.999734	332 32 22.48	5.9	0.00
106435 661+00.87	361.185	1	91/3	0.999737	75 53 06.34	5.5	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1972-06-25

Meridian Defl,XI(+N) 2.4 s 2 s
Prime Vert Defl,ETA(+E) 5.7 s 2 s
Geoid_Ellip Separation -16.28 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY HORZ VERT

Originating Project 71102 71102
Published 84-01-07 84-01-07

Revising Project NAD83 98015
Published 94-05-24 99-10-21
Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 1994-01-24

IN TURN AROUND IN FRONT OF HOUSE #123 42 AVE. NE; 0.60 M E OF
B.O.W. ON CURVE; 0.70 M W OF E WALL OF HOUSE PROD. N; 4.10 M N
OF F.O.C. S/S PROD. E; 3.5 M NE OF CB. .

NON COORDINATE REVISIONS

1972-06-25 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

1993-07-22 1994-01-24
1988-11-02 1989-05-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56614 4 125

VERT

99-10-21

0.031 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 661-04 125