

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 29.51516 dms
Longitude 114 03 51.44621 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 71-03

ASCM 39461

Tablet Markings 661-04.128

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 1075.620 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 14-08-08

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5661704.318 m
Easting -4503.716 m
Convergence -0 03 00.10 dms
Station Ellipsoid Factor 0.999834
Station Combined Factor 0.999734

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	PPM/ Factor	Grid/ Bearing (dms)	Grnd Dev (s)	T-t Corr (s)
64873 661-04.129	133.159	1 188/3	0.999728	315 54 33.84	7.4	0.00
206532 661-04.135	214.764	1 121/3	0.999735	33 08 42.65	10.3	0.00
18507 661-04.130	224.689	1 102/3	0.999732	262 51 20.35	7.7	0.00
128413 661-04.134	279.000	1 118/3	0.999733	336 57 18.45	8.7	0.00
20818 661-04.125	292.526	1 106/3	0.999736	112 46 24.15	5.3	0.00
27151 661-04.132	319.006	1 82/3	0.999735	288 15 36.29	5.0	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 -16.27 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

FLUSH W/GRD.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1994-01-24

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

ON S/S OF RD. IN FRONT OF HOUSE #131 43 AVE. NW; 0.60 M S OF F.O.C.;
IN LINE WITH W WALL OF HOUSE PROD N; 1.9 M NE OF LT.S. .

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

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
MARKER REPORTED IN GOOD CONDITION

2014-08-08 2014-09-30
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

VERT

OLD ASC # 56614 4 128

99-10-21

0.034 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 661-04 128