

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 32.60687 dms
Longitude 114 03 56.21066 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 71-03

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

ASCM 64873

Tablet Markings 661-04.129

Mapsheet Name CALGARY G
Mapsheet Number 5661 - 004

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1075.173 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 5661799.932 m
Easting -4596.342 m
Convergence -0 03 03.81 dms
Station Ellipsoid Factor 0.999834
Station Combined Factor 0.999734

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
39461 661-04.128	133.159	1 188/3	0.999728	135 54 33.84	7.4	0.00
128413 661-04.134	161.945	1 197/3	0.999736	354 07 45.45	16.3	0.00
18507 661-04.130	179.582	1 134/3	0.999731	226 30 50.15	6.5	0.00
27151 661-04.132	210.336	1 114/3	0.999737	271 10 31.92	8.6	0.00
206532 661-04.135	226.314	1 110/3	0.999736	68 09 47.96	9.2	0.00
293431 661-4.133	381.153	1 66/2	0.999735	306 27 24.33	5.3	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2014-09-30

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 ON 6 CM DIA STEEL PIPE 3.0 M LONG
5 CM BGL

COORDINATE HISTORY

MARKER LOCATION

Updated: 1994-01-19

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

ON NS OF RD. IN FRONT OF HOUSE #212 43 AVE. NW; 1.5 M N OF B.O.W.;
7.0 M W OF E WALL OF HOUSE PROD. S; 4.8 M NW OF CB. .

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, TOP PAINTED.
MARKER REPORTED IN GOOD CONDITION
MARKER REPORTED IN GOOD CONDITION.

2014-08-08 2014-09-30
1993-07-22 1994-01-19
1988-11-02 1989-05-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 4 129

99-10-21

0.034 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 661-04 129