

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 06 13.92899 dms
Longitude 114 12 26.18929 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 75-03

ASCM 39453

Tablet Markings 661-12.190

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

Mapsheet Name CALGARY G
Mapsheet Number 5661 - 012

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1119.216 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-10-21

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5663095.163 m
Easting -14516.241 m
Convergence -0 09 40.75 dms
Station Ellipsoid Factor 0.999827
Station Combined Factor 0.999730

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
62182 661-12.189	138.910	1 94/2	0.999725	252 09 01.25	7.3	0.00
108985 661-12.186	194.252	1 77/2	0.999730	71 58 47.16	6.2	0.00
35196 661-12.187	199.809	1 75/2	0.999734	104 23 58.52	6.1	0.00
245027 661-12.183	263.791	1 53/2	0.999727	11 36 10.32	4.1	-0.01
60087 661-12.185	266.137	1 56/2	0.999731	44 46 29.24	4.5	-0.01
107888 661-12.184	277.604	1 54/2	0.999727	27 08 13.97	4.4	-0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1994-02-04

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 CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
10 CM BGL.

COORDINATE HISTORY

MARKER LOCATION

Updated: 1994-02-04

Originating Project 75111 75111
Published 83-05-31 83-05-31

ON S/S OF RD. IN FRONT OF HOUSE #427 SILVER VALLEY RD. NW;
0.15 M S OF B.O.W.; 7.3 M W OF E WALL OF HOUSE PROD. N;
8.2 M E SE OF CB. .

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

NON COORDINATE REVISIONS

1976-01-30 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.

1993-10-21 1994-02-04
1988-10-28 1989-05-16

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 12 190

00-06-15

0.035 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56614 12 190