

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 06 20.05844 dms
Longitude 114 12 16.58353 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 75-03

Date Printed 2025-08-03
Last Updated 2003-03-12

ASCM 60087

Tablet Markings 661-12.185

Mapsheet Name CALGARY G
Mapsheet Number 5661 - 012

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1124.501 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: 2000-06-22

Scale Factor 0.999900 At Ref Mer 114

Northing 5663284.038 m
Easting -14328.845 m
Convergence -0 09 33.29 dms
Station Ellipsoid Factor 0.999826
Station Combined Factor 0.999729

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)	
108985 661-12.186	128.863	1	47/1	0.999730	181 12 40.09	3.9	0.00
245027 661-12.183	151.287	1	73/2	0.999728	297 20 12.35	5.4	0.00
285429 661-12.219	176.688	1	57/2	0.999727	18 23 49.93	4.9	-0.01
35196 661-12.187	238.693	1	33/1	0.999729	178 32 19.70	3.0	0.01
14019 661-12.220	252.292	1	48/2	0.999725	12 47 41.07	3.9	-0.01
53884 661-12.218	258.922	1	42/2	0.999725	65 21 14.82	3.5	0.00

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

Component Magnitude Std Dev

Meridian Defl, XI(+N) 2.4 s 2 s
Prime Vert Defl, ETA(+E) 6.9 s 2 s
Geoid_Ellip Separation -15.98 m 1 m

MARKER TYPE

Updated: 1994-02-04

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG
20 CM BGL., 1 GP.

COORDINATE HISTORY HORZ VERT

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

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

MARKER LOCATION

Updated: 1994-02-04

IN FIELD ACROSS FROM HOUSE #127 SILVER VALLEY BLVD. NW;
7.8 M NE OF F.O.C. ON CURVE; 10.5 M SE OF THE SE WALL OF
FRONT GARAGE PROD. NE; 4.8 M NE OF POST AND CABLE FENCE
ON CURVE; 21.10 M SE OF LT.S. .

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

OLD ASC # 56614 12 185

VERT

00-06-15

0.033 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56614 12 185