

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 06 02.66675 dms
Longitude 114 11 23.14342 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03
Date Printed 2025-08-03
Last Updated 2020-01-09

ASCM 19679
Tablet Markings 661-12.117
Mapsheet Name CALGARY G
Mapsheet Number 5661 - 012

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1116.682 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-10-14

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5662743.855 m
Easting -13290.655 m
Convergence -0 08 51.66 dms
Station Ellipsoid Factor 0.999828
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)
150656 661-12.119	122.804	1 106/2	0.999735	50 24 42.31	8.3	0.00
13177 661-12.118	126.675	1 95/2	0.999729	186 41 57.92	3.7	0.00
222976 661-12.161	241.409	1 54/2	0.999730	276 49 45.85	4.7	0.00
22418 661-12.122	253.044	1 59/2	0.999729	138 23 29.65	5.0	0.01
40360 661-12.142	276.693	1 51/2	0.999730	81 12 17.16	4.3	0.00
97428 661-12.98	284.762	1 49/2	0.999730	245 16 08.90	3.8	0.00

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 -16.01 m 1 m

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

COORDINATE HISTORY

MARKER LOCATION

Updated: 1994-02-04

Originating Project 74112 74112
Published 83-05-04 83-05-04

ON E/S OF RD. IN FRONT OF HOUSE #7060 SILVERVIEW DR. NW; 0.10 M E
OF B.O.W.; 1.7 M S OF N WLL OF HOUSE PROD. W; 2.6 M N OF FH.;
12.10 M SW OF CB. .

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

NON COORDINATE REVISIONS

1974-08-20 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.

1993-10-14 1994-02-04
1988-10-28 1989-05-17

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 12 117

00-06-15

0.028 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56614 12 117