

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 06 11.88229 dms
Longitude 114 11 53.87034 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 75-03

ASCM 30973

Tablet Markings 661-12.164

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 1118.542 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-10-20

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5663030.188 m
Easting -13887.684 m
Convergence -0 09 15.59 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)
131052 661-12.166	214.378	1	47/2 0.999731	338 58 54.61	3.5	-0.01
107359 661-12.162	262.763	1	46/2 0.999728	147 30 53.06	3.4	0.01
34496 661-12.223	290.178	1	41/2 0.999730	322 50 31.71	3.2	-0.01
235515 661-12.169	351.954	1	43/2 0.999729	24 08 06.30	3.5	-0.01
265140 661-12.222	355.641	1	31/1 0.999727	334 55 40.85	2.5	-0.01
260455 661-12.159	366.226	1	33/2 0.999729	83 10 01.32	2.6	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1976-01-30

Meridian Defl, XI(+N) 2.4 s 2 s
Prime Vert Defl, ETA(+E) 6.9 s 2 s
Geoid_Ellip Separation -16.00 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG

COORDINATE HISTORY

MARKER LOCATION

Updated: 1994-02-04

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

ON SW COR. OF SILVER RIDGE DR. AND SILVER CREST DR. NW;
8.0 M S OF B.OF SEP.W PROD. E; 0.30 M W OF F.O.C.;
2.3 M SE OF LT.S. .

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.

1993-10-20 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 12 164

00-06-15

0.032 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56614 12 164