

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 58.59509 dms
Longitude 114 11 23.88614 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03

ASCM 13177

Tablet Markings 661-12.118

Date Printed 2025-08-03
Last Updated 2005-08-02

Mapsheet Name CALGARY G
Mapsheet Number 5661 - 012

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1115.610 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: 2005-08-02

Scale Factor 0.999900 At Ref Mer 114

Northing 5662618.079 m
Easting -13305.429 m
Convergence -0 08 52.23 dms
Station Ellipsoid Factor 0.999828
Station Combined Factor 0.999730

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
19679 661-12.117	126.675	1	95/2	0.999729	6 41 57.92	3.7	0.00
22418 661-12.122	193.487	1	78/2	0.999731	109 07 28.69	6.4	0.00
150656 661-12.119	231.551	1	52/2	0.999732	28 11 56.59	4.3	-0.01
97428 661-12.98	243.958	1	41/2	0.999731	271 34 06.74	3.4	0.00
171728 160241.2	264.601	1	38/2	0.999730	142 07 50.30	3.1	0.01
222976 661-12.161	272.880	1	37/2	0.999731	304 29 19.54	3.1	-0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1974-08-20

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

COORDINATE HISTORY

MARKER LOCATION

Updated: 1994-02-04

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

ON W/S O RD. ACROSS FROM HOUSE #7036 SILVERVIEW DR. NW; 0.20 M W
OF F.O.C. ON CURVE; .63 M N OF S WALL OF HOUSE PROD. W; 6.3 M N 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 12 118

00-06-15

0.027 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56614 12 118