

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 06 40.48865 dms
Longitude 114 11 39.52685 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 78-03

Date Printed 2025-08-03
Last Updated 2006-06-28

ASCM 1925

Tablet Markings 661-12.252

Mapsheet Name CALGARY G
Mapsheet Number 5661 - 012

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1148.355 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-10-18

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5663913.373 m
Easting -13606.312 m
Convergence -0 09 04.49 dms
Station Ellipsoid Factor 0.999823
Station Combined Factor 0.999725

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
291443 661-12.253	108.464	1 110/2	0.999727	351 20 47.17	6.2	0.00
103028 661-12.254	192.235	1 78/2	0.999722	359 06 37.19	4.7	-0.01
80218 661-12.250	218.674	1 87/2	0.999728	64 05 07.69	6.9	0.00
97543 661-12.249	238.785	1 79/2	0.999724	45 05 13.43	6.0	-0.01
213967 661-12.255	239.202	1 67/2	0.999724	324 49 21.74	5.4	-0.01
190215 661-12.258	247.574	1 61/2	0.999724	291 54 26.39	5.1	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 -16.02 m 1 m

MARKER TYPE

Updated: 1994-02-04

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

COORDINATE HISTORY HORZ VERT

Originating Project 78039 78039
Published 83-08-18 83-08-18

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

MARKER LOCATION

Updated: 1994-02-04

ON SE COR. OF SILVER RIDGE COURT AT SILVER RIDGE RD. NW;
2.6 M S OF B.O.W. PROD. W; 3.5 M E OF F.O.R.C. PROD. N;
0.40 M SE OF B.O.W. ON CURVE.

NON COORDINATE REVISIONS

1978-12-06 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.

1993-10-18 1994-02-04
1988-10-28 1989-05-08

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56614 12 252

VERT

00-06-15

0.029 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56614 12 252