

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 57.25045 dms
Longitude 114 09 34.02705 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 73-03

ASCM 45674

Tablet Markings 661-8.136

Date Printed 2025-08-03
Last Updated 2020-01-09

Mapsheet Name CALGARY G
Mapsheet Number 5661 - 008

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1114.609 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-06-16

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5662571.458 m
Easting -11168.144 m
Convergence -0 07 26.73 dms
Station Ellipsoid Factor 0.999828
Station Combined Factor 0.999729

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev (m) (cm)	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
120071 661-8.135	165.249	1	73/2	0.999730	3 38 26.04	5.1	0.00
6205 661-8.130	171.114	1	58/2	0.999729	104 38 17.18	4.4	0.00
37135 661-8.134	202.747	1	59/2	0.999729	20 48 19.22	4.6	-0.01
193334 661-8.131	261.592	1	50/2	0.999729	81 57 10.90	3.9	0.00
197350 661-8.137	357.044	1	39/2	0.999728	186 11 23.93	3.3	0.01
385229 661-8.254	360.785	1	42/2	0.999731	67 37 33.16	3.2	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-11-26

Meridian Defl,XI(+N) 2.4 s 2 s
Prime Vert Defl,ETA(+E) 6.7 s 2 s
Geoid_Ellip Separation -16.08 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

COORDINATE HISTORY

MARKER LOCATION

Updated: 1974-08-20

Originating Project 74111 74111
Published 83-04-28 83-04-28

ON NE COR OF VANSTONE RD AND VICEROY DR NW; 4.1 M N OF B.O.W. PRODUCED W;
1.0 M E OF B.O.W. PRODUCED S; 0.7 M NE OF F.O.C. ON CURVE; 2.6 M NW OF CB.

NOTE: ELEVATION REVISED IN NOVEMBER '82 - REVISION PROJECT 81047.

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

1993-06-16 1993-11-26

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 8 136

00-06-15

0.039 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 661-08.136 56614 8 136