

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 54.96686 dms
Longitude 114 08 27.69226 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 71-03
Date Printed 2025-08-03
Last Updated 2020-01-09

ASCM 47605
Tablet Markings 661-8.96
Mapsheet Name CALGARY G
Mapsheet Number 5661 - 008

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1113.686 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-05-18

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5662498.262 m
Easting -9877.684 m
Convergence -0 06 35.10 dms
Station Ellipsoid Factor 0.999828
Station Combined Factor 0.999729

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)
122796 661-8.100	187.060	1	43/2	0.999725	96 34 54.24	3.7	0.00
51607 661-8.203	248.410	1	36/2	0.999731	359 54 26.94	3.1	-0.01
54171 76A006	424.060	1	35/2	0.999732	251 12 33.63	2.8	0.00
81034 661-8.92	482.386	1	29/2	0.999728	55 15 18.94	2.4	-0.01
160465 661-8.163	532.923	1	23/1	0.999728	357 10 33.59	1.8	-0.01
241109 661-8.70	594.414	1	20/1	0.999729	125 20 29.04	1.8	0.01

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) 6.5 s 2 s
Geoid_Ellip Separation -16.12 m 1 m

MARKER TYPE

Updated: 1993-11-26

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

COORDINATE HISTORY

Originating Project 71105 71105
Published 71-10-21 71-10-21
Revising Project NAD83 98016
Published 94-05-24 00-06-15
Revising Project
Published
Revising Project
Published

MARKER LOCATION

Updated: 1971-12-10

IN SW COR OF PARKING LOT OF CHURCHILL HIGH SCHOOL E/S OF NORTHLAND DR NW; 1.4 M
N OF S BDY STEEL FENCE PRODUCED W; 0.15 M W OF BDY STEEL FENCE W/S OF SCHOOL;
1.85 M E OF B.O.W.

NOTE: ELEVATION REVISED 82/11/29 REVISION PROJECT 81047.

NON COORDINATE REVISIONS

1971-12-10 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

1993-05-18 1993-11-26

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56614 8 96

VERT

00-06-15

0.040 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 661-08.96 661-08 96