

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 04 35.91074 dms  
Longitude 114 09 37.66325 dms  
Horz Class INTEGRATED , ORDER 1

Marker Installed 70-03

ASCM 23598

Tablet Markings 1722.23

Date Printed 2025-08-03  
Last Updated 2022-03-03

Mapsheet Name CALGARY G  
Mapsheet Number 5658 - 008

Vert Datum CVD28 Updated: 2001-03-06  
Elevation 1074.196 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 12-04-25

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2022-03-03

Scale Factor 0.999900 At Ref Mer 114

Northing 5660058.243 m  
Easting -11244.366 m  
Convergence -0 07 29.42 dms  
Station Ellipsoid Factor 0.999834  
Station Combined Factor 0.999736

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)
267203 1722.24	174.366	1	40/1	0.999735	319 57 27.90	3.3	0.00
145755 1722.13	239.606	1	29/1	0.999736	48 01 43.32	2.6	0.00
3061 1722.12	258.001	1	31/1	0.999736	10 08 23.92	2.7	-0.01
10603 1722.14	314.111	1	28/1	0.999734	50 09 56.84	2.3	-0.01
68825 1622.4	316.189	1	28/1	0.999735	247 58 34.96	2.4	0.00
58545 1722.22	328.561	1	27/1	0.999735	137 23 05.52	2.3	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1970-12-23

Meridian Defl,XI(+N) 2.6 s 2 s  
Prime Vert Defl,ETA(+E) 6.9 s 2 s  
Geoid\_Ellip Separation -16.05 m 1 m

ASC CAP SET IN CONCRETE SIDEWALK

COORDINATE HISTORY

MARKER LOCATION

Updated: 2006-06-16

Originating Project 70107 70107  
Published 70-12-23 70-12-23

PM TJE SE CPRMER PF 21 AVE AND 48 ST NW; 0.4 M S OF BOW PROD W; 0.1 M E OF BACK  
OF SEP.W. PROD N; 0.3 M SE OF FOW ON CURVE.

Revising Project NAD83 21002  
Published 94-05-24 01-03-06  
Revising Project  
Published  
Revising Project  
Published

NON COORDINATE REVISIONS

1970-12-23 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	2012-04-25	2012-05-28
MARKER REPORTED IN GOOD CONDITION	2007-10-12	2007-11-28
MARKER REPORTED IN GOOD CONDITION	2005-07-19	2006-06-16
MARKER REPORTED IN GOOD CONDITION	1989-02-06	1990-04-30

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56584 8 75

01-03-06

0.020 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56584 8 75