

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 05 47.02522 dms
Longitude 114 12 49.41865 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 72-03
Date Printed 2025-08-03
Last Updated 2006-06-28

ASCM 15719
Tablet Markings 661-12.76
Mapsheet Name CALGARY G
Mapsheet Number 5661 - 012

Vert Datum CVD28 Updated: 2000-06-15
Elevation 1079.316 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 94-03-17

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5662265.136 m
Easting -14970.554 m
Convergence -0 09 58.77 dms
Station Ellipsoid Factor 0.999833
Station Combined Factor 0.999736

ASCM Tablet To Markings	Horizontal Distance (m) (cm)	Std Dev	PPM/ Order	Grid/ Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
119024 B48	212.809	1	70/2	0.999735	340 44 40.15	3.8	-0.01
34819 150240	216.660	1	74/2	0.999739	108 07 15.65	5.8	0.00
45393 661-12.85	264.940	1	72/2	0.999734	236 48 45.30	6.0	0.01
228312 661-12.86	271.292	1	66/2	0.999734	191 29 40.96	4.3	0.01
217620 661-12.78	292.922	1	58/2	0.999734	257 02 22.81	4.9	0.00
184325 661-12.75	324.422	1	55/2	0.999736	145 45 31.59	3.6	0.01

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

Component	Magnitude	Std Dev
Meridian Defl,XI(+N)	2.5 s	2 s
Prime Vert Defl,ETA(+E)	7.0 s	2 s
Geoid_Ellip Separation	-15.95 m	1 m

MARKER TYPE

Updated: 1991-12-09

1" X 5' IRON BAR.

1 CM BGL, LANDSCAPED

COORDINATE HISTORY

	HORZ	VERT
Originating Project	72106	72106
Published	83-04-29	83-04-29
Revising Project	NAD83	98016
Published	94-05-24	00-06-15
Revising Project	82057	
Published	83-06-14	
Revising Project		
Published		

MARKER LOCATION

Updated: 1995-02-16

IN PRIVATE PROPERTY AT THE REAR OF HOUSE NO.8808 - 48 AVENUE NORTH WEST; 6.5 M WEST OF THE EAST PROPERTY LINE FENCE OF HOUSE NO.8808; 0.9 M SOUTH OF THE SOUTH EDGE OF BANK FOR BOWNESS PARK; 12.1 M NORTH NORTH WEST OF THE NORTH WEST CORNER OF HOUSE NO.8808.

NON COORDINATE REVISIONS

1973-06-19 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
MARKER REPORTED IN GOOD CONDITION.

1994-03-17 1995-02-16
1991-11-06 1991-12-09
1988-10-12 1989-05-08

COORDINATE HISTORY COMMENTS

HORZ 94-05-24 ALBERTA NAD83 READJUSTMENT
83-06-14 32 54 23 0.029 m MOVEMENT DETECTED

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56614 12 76

VERT

00-06-15 0.005 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 56614 12 76