

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 04 53.65329 dms  
Longitude 114 06 36.12632 dms  
Horz Class INTEGRATED , ORDER 3

Marker Installed 71-03

ASCM 5587

Tablet Markings 658-4.129

Date Printed 2025-08-03  
Last Updated 2005-08-02

Mapsheet Name CALGARY G  
Mapsheet Number 5658 - 004

Vert Datum CVD28 Updated: 2000-06-15  
Elevation 1091.422 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-03-05

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2005-08-02

Scale Factor 0.999900 At Ref Mer 114

Northing 5660599.992 m  
Easting -7709.884 m  
Convergence -0 05 08.20 dms  
Station Ellipsoid Factor 0.999832  
Station Combined Factor 0.999732

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev (m)(cm)	PPM/ Grid/ Grnd Order Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
169813 658-4.125	170.166	1	41/1 0.999733	172 46 46.30	3.5	0.00
2766 658-4.126	170.663	1	41/1 0.999734	226 51 23.48	3.7	0.00
119941 658-4.193	230.561	1	35/1 0.999731	335 07 14.43	2.8	0.00
159327 658-4.194	239.985	1	33/1 0.999730	354 14 43.69	3.0	0.00
47969 658-4.131	264.913	1	34/1 0.999733	123 33 58.84	3.0	0.00
32219 658-4.132	314.969	1	35/2 0.999734	104 25 59.86	2.9	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1993-07-06

Meridian Defl,XI(+N) 2.5 s 2 s  
Prime Vert Defl,ETA(+E) 6.3 s 2 s  
Geoid\_Ellip Separation -16.17 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
FLUSH WITH GROUND

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-07-06

Originating Project 71103 71103  
Published 84-01-07 84-01-07

IN PARK ON SW CORNER OF SW LEG OF CHICOUTIMI DRIVE N.W; 4.2 M EAST OF F.O.C.  
WEST SIDE PRODUCED SOUTH; 1.2 M SOUTH OF F.O.C. PRODUCED WEST; 13.3 M SE OF  
CB.

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

NON COORDINATE REVISIONS

1971-12-20 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

1993-03-05 1993-07-06

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56584 4 129

00-06-15

0.017 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658-04.129 56584 4 129