

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 04 40.36983 dms  
Longitude 114 06 15.04335 dms  
Horz Class INTEGRATED , ORDER 3

Marker Installed 71-03  
Date Printed 2025-08-03  
Last Updated 2006-06-28

ASCM 61341  
Tablet Markings 658-4.115  
Mapsheet Name CALGARY G  
Mapsheet Number 5658 - 004

Vert Datum CVD28 Updated: 2000-06-15  
Elevation 1098.155 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: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5660188.941 m  
Easting -7300.123 m  
Convergence -0 04 51.78 dms  
Station Ellipsoid Factor 0.999831  
Station Combined Factor 0.999731

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
41970 658-4.116	136.912	1 58/2	0.999728	272 18 10.53	4.6	0.00
34967	138.762	1 561/4	0.999727	247 50 03.14	46.1	0.00
218263 658-4.117	183.920	1 54/2	0.999731	238 27 02.07	4.6	0.00
112557 658-4.113	249.128	1 40/2	0.999734	102 12 18.73	3.1	0.00
176032 658-4.118	312.098	1 38/2	0.999729	274 08 17.09	3.1	0.00
136697 658-4.114	314.980	1 38/2	0.999731	129 16 29.69	3.1	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) 6.2 s 2 s  
Geoid\_Ellip Separation -16.18 m 1 m

ASC CAP ON 6 CM DIA STEEL PIPE 3.0 M LONG  
20 CM BGL, 0.35 M WEST OF GP

COORDINATE HISTORY

MARKER LOCATION

Updated: 1993-07-06

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

IN PARK ON NE CORNER OF LANE BEHIND HOUSE NO. 2828 - 18 STREET N.W.; 6.2 M  
EAST OF N-S FENCE WEST SIDE PRODUCED NORTH; IN LINE WITH NORTH P/L FENCE OF  
HOUSE PRODUCED EAST; 7.3 M EAST OF N-S POWER LINE.

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 4 115

00-06-15

0.010 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY 658-04.115 56584 4 115