

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 51 06 38.16304 dms  
Longitude 114 12 15.72791 dms  
Horz Class INTEGRATED , ORDER 2

Marker Installed 76-03

ASCM 45302

Tablet Markings 661-12.237

Date Printed 2025-08-03  
Last Updated 2007-06-20

Mapsheet Name CALGARY G  
Mapsheet Number 5661 - 012

Vert Datum CVD28 Updated: 2000-06-15  
Elevation 1159.229 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-10-22

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2007-06-20

Scale Factor 0.999900 At Ref Mer 114

Northing 5663843.419 m  
Easting -14310.648 m  
Convergence -0 09 32.66 dms  
Station Ellipsoid Factor 0.999821  
Station Combined Factor 0.999723

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)
278788 661-12.229	132.480	1	45/1	0.999724	69 14 37.33	3.9	0.00
100552 661-12.228	210.556	1	38/1	0.999726	15 11 24.06	3.3	-0.01
137786 661-12.176	216.238	1	37/1	0.999724	215 22 59.06	3.0	0.01
283069 661-12.214	219.116	1	32/1	0.999724	129 00 06.02	2.8	0.00
232611 661-12.238	256.938	1	35/1	0.999725	270 04 29.01	2.7	0.00
185017 661-12.221	260.663	1	46/2	0.999725	160 53 39.96	4.0	0.01

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1994-02-04

Meridian Defl,XI(+N) 2.4 s 2 s  
Prime Vert Defl,ETA(+E) 6.9 s 2 s  
Geoid\_Ellip Separation -15.99 m 1 m

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

COORDINATE HISTORY

MARKER LOCATION

Updated: 1994-02-04

Originating Project 76044 76044  
Published 83-06-14 83-06-14

ON SE COR. OF SILVERCREEK DR. AT 64 AVE. NW; 6.0 M W OF F.O.C. PROD. S;  
0.30 M N OF B.O.R.C. ON CURVE; 3.2 M SW OF CB. .

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

NON COORDINATE REVISIONS

1977-09-09 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

1993-10-22 1994-02-04  
1991-04-11 1991-09-20

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56614 12 237

00-06-15

0.033 m REVISED ELEVATION-BETTER INTEGRATION

HISTORY

56614 12 237