

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

Horz Datum NAD83 Updated: 1994-05-24  
Latitude 50 56 13.28909 dms  
Longitude 114 01 54.64016 dms  
Horz Class INTEGRATED , ORDER 3

Marker Installed 75-03

ASCM 8870

Tablet Markings 643-0.190

Date Printed 2025-08-03  
Last Updated 2008-02-29

Mapsheet Name CALGARY F  
Mapsheet Number 5643 - 000

Vert Datum CVD28 Updated: 1999-08-16  
Elevation 1020.852 m  
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 07-02-04

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5644515.847 m  
Easting -2238.210 m  
Convergence -0 01 29.01 dms  
Station Ellipsoid Factor 0.999843  
Station Combined Factor 0.999743

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
143883 643-0.167	187.087	1 43/2	0.999740	18 42 18.79	3.1	0.00
11965 643-0.153	234.133	1 38/2	0.999743	118 13 44.71	3.3	0.00
152991 643-0.150	290.044	1 34/2	0.999742	29 58 19.11	2.5	0.00
271494 643-0.149	299.591	1 33/2	0.999741	343 12 26.51	2.9	0.00
220657 643-0.152	312.088	1 38/2	0.999741	84 56 52.33	3.0	0.00
160143 643-0.106	349.690	1 26/1	0.999743	219 14 51.59	2.1	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 1976-01-05

Meridian Defl,XI(+N) 3.9 s 2 s  
Prime Vert Defl,ETA(+E) 5.4 s 2 s  
Geoid\_Ellip Separation -16.08 m 1 m

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

COORDINATE HISTORY

MARKER LOCATION

Updated: 2006-06-16

Originating Project 75108 75108  
Published 83-04-29 83-04-29

IN PARK ON W/S OF LANE BEHIND DUPLEX #46 - QUEEN ALEXANDRA RD SE; 10.4 M S OF TH  
E S WALL OF DUPLEX PROD NW; 14.4 M S OF LAST POWER POLE; 1.75 M W OF POST AND CA  
BLE FENCE.

Revising Project NAD83 98014  
Published 94-05-24 99-08-16  
Revising Project  
Published  
Revising Project  
Published

NON COORDINATE REVISIONS

1976-01-05 FIRST MARKER LOCATION  
DESCRIPTION ENTERED  
2003-03-12 "MAPSHEET NAME" AND/OR  
"MAPSHEET NO" CHANGED  
1993-11-22 NGDB NUMBER AND  
NGDB NAME ENTERED

MARKER CONDITION COMMENTS

Inspected Updated

MARKER REPORTED IN GOOD CONDITION	2007-02-04	2008-02-29
MARKER REPORTED IN GOOD CONDITION	2005-05-31	2006-06-16
MARKER REPORTED IN GOOD CONDITION	1989-04-03	1990-05-02

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56434 0 190 NGBD # 77X1015  
NGBD NAME 643-0.190  
HISTORY 643+00.190 56434 0 190

99-08-16 0.017 m ELEVATION REVISED AND REINTEGRATED