

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 50 56 16.24784 dms
Longitude 114 01 53.03478 dms
Horz Class INTEGRATED , ORDER 2

Marker Installed 70-03

ASCM 58313

Tablet Markings 643-0.59

Date Printed 2025-08-03
Last Updated 2006-06-28

Mapsheet Name CALGARY F
Mapsheet Number 5643 - 000

Vert Datum CVD28 Updated: 1971-05-25
Elevation 1019.879 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 05-05-31

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2006-06-28

Scale Factor 0.999900 At Ref Mer 114

Northing 5644607.255 m
Easting -2206.828 m
Convergence -0 01 27.77 dms
Station Ellipsoid Factor 0.999843
Station Combined Factor 0.999743

ASCM Tablet To Markings	Horizontal Distance (m)(cm)	Std Dev Order	PPM/ Grid/ Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
152991 643-0.150	196.031	1	51/2 0.999744	35 22 57.74	4.1	0.00
271494 643-0.149	228.223	1	39/2 0.999742	328 52 56.83	3.4	0.00
11965 643-0.153	267.327	1	45/2 0.999742	139 08 16.68	3.7	0.00
220657 643-0.152	286.708	1	45/2 0.999741	102 53 16.43	3.7	0.00
83584 643-0.151	310.701	1	39/2 0.999741	86 21 51.58	3.2	0.00
201202 643-0.160	370.777	1	38/2 0.999741	108 45 41.97	3.0	0.00

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

Component Magnitude Std Dev

MARKER TYPE

Updated: 2006-06-19

Meridian Defl,XI(+N) 3.9 s 2 s
Prime Vert Defl,ETA(+E) 5.4 s 2 s
Geoid_Ellip Separation -16.09 m 1 m

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

COORDINATE HISTORY HORZ VERT

MARKER LOCATION

Updated: 2006-06-19

Originating Project 70103 70103
Published 71-05-25 71-05-25

IN PARK ON NW CONER OF INT OF THE SW LEG OF QUEEN ALEXANDER RD SE; 4.55 M W OF F
OC; 0.6 M S OF N/BOW N/S PROD W; 1.2 M W OF POSE AND CABLE FENCE; 7.8 M NW OF MA
NHOLE.

Revising Project NAD83
Published 94-05-24
Revising Project
Published
Revising Project
Published

NON COORDINATE REVISIONS

1971-05-25 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

2005-05-31 2006-06-19
1989-04-03 1990-05-01

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

VERT

OLD ASC # 56434 0 59

HISTORY 643+00.59 56434 0 59