

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

Horz Datum NAD83 Updated: 1994-05-24
Latitude 51 06 24.62655 dms
Longitude 114 02 53.49007 dms
Horz Class INTEGRATED , ORDER 3

Marker Installed 64-05
Date Printed 2025-08-03
Last Updated 2020-01-09

ASCM 3681
Tablet Markings 220248
Mapsheet Name CALGARY G
Mapsheet Number 5661 - 000

Vert Datum CVD28 Updated: 1999-10-21
Elevation 1050.471 m
Vert Class INTEGRATED , SPIRIT LEVELS

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

Marker Condition GOOD 93-11-17

3TM COORDINATES

ADJACENT MARKERS (calculated)

Updated: 2020-01-09

Scale Factor 0.999900 At Ref Mer 114

Northing 5663406.384 m
Easting -3374.832 m
Convergence -0 02 15.03 dms
Station Ellipsoid Factor 0.999838
Station Combined Factor 0.999738

ASCM Tablet To Markings	Horizontal Distance (m)	Std Dev (cm)	PPM/Order	Grid/Grnd Factor	Grid Bearing (dms)	Std Dev (s)	T-t Corr (s)
286815 F82	305.379	1	52/2	0.999738	143 22 40.59	3.7	0.00
116558 F85.2	350.792	1	31/1	0.999738	348 21 24.52	2.4	0.00
263780 661-0.119	468.788	1	21/1	0.999737	241 28 37.55	1.8	0.00
157479 661-0.117	640.039	1	20/1	0.999738	203 19 38.20	1.8	0.01
202267 661-0.124	668.770	1	15/1	0.999736	290 33 39.24	1.2	0.00
209999 2124.5	685.780	1	15/1	0.999738	228 17 52.06	1.2	0.00

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

Component	Magnitude	Std Dev
Meridian Defl,XI(+N)	2.4 s	2 s
Prime Vert Defl,ETA(+E)	5.5 s	2 s
Geoid_Ellip Separation	-16.32 m	1 m

MARKER TYPE

Updated: 1994-02-07

TSC CAP IN REINFORCED CONCRETE CYLINDER
5 CM BGL., 0.40 M S OF GP.

COORDINATE HISTORY

	HORZ	VERT
Originating Project Published	63004 70-01-18	63004 70-01-18
Revising Project Published	NAD83 94-05-24	98015 99-10-21
Revising Project Published		
Revising Project Published		

MARKER LOCATION

Updated: 1994-02-07

IN GRASSY AREA E/S OF C.P.R. R.R. TRACKS AND N OF THE ENTRANCE
TO LAYCOCK PARK NOSE CREEK VALLEY NE; 38.5 M E OF C/L OF R.R TRACKS;
130.0 M N OF E-W STEEL FENCE PROD.E; 9.4 M W OF N-S POW.L.;
0.40 M S OF GP. .

NON COORDINATE REVISIONS

Date	Description
1985-12-04	FIRST MARKER LOCATION DESCRIPTION ENTERED
2003-03-12	"MAPSHEET NAME" AND/OR "MAPSHEET NO" CHANGED
2001-12-07	SEE 'HISTORICAL/OTHER MARKER NAMES'

MARKER CONDITION COMMENTS

Inspected Updated

Marker Condition	Inspected	Updated
MARKER REPORTED IN GOOD CONDITION	1993-11-17	1994-02-07
MARKER REPORTED IN GOOD CONDITION.	1988-10-27	1988-12-06

COORDINATE HISTORY COMMENTS

HORZ 94-05-24

ALBERTA NAD83 READJUSTMENT

HISTORICAL/OTHER MARKER NAMES

OLD ASC # 56614 0 3 NGBD # 636215
NGBD NAME 220248
HISTORY 56614 0 3

VERT

99-10-21 0.045 m REVISED ELEVATION-BETTER INTEGRATION