

CHARN DATA SHEET

2004 ADJUSTED

DG21 ID # DG21 [MONUMENT PICTURE CLICK HERE](#) NGS PID \_\_\_\_\_  
 DG21 [PHOTOGRAPHS](#) DATE OBSERVED 09/2002  
 DG21 STATION NAME \_\_\_\_\_ DATE PRINTED 4/3/2007  
 DG21 USGS QUAD BALDWIN CITY (1978)  
 DG21 SECTION 28 TOWNSHIP 14 RANGE 20 East of the 6th P.M.

KANSAS STATE PLANE INFORMATION - NORTH ZONE 1501

	LATITUDE	LONGITUDE	SOURCE
DG21	NAD 83 <u>38°48'18.34507"</u> (N)	<u>095°11'10.86930"</u> (W)	<u>GPS</u>
DG21	NAVD 88 <u>352.6320</u> meters	<u>1,156.93</u> feet	<u>GPS</u>

NOTE: Conversion factor used: 1m = 3937/1200 ft = 3.28083333 (8 decimal places are held)

DG21	SPC KS N <u>56,167.2080</u> meters	SPC KS N <u>184,275.25</u> feet	<u>GPS</u>
DG21	SPC KS E <u>644,360.906</u> meters	SPC KS E <u>2,114,040.74</u> feet	<u>GPS</u>

	SCALE	SEA LEVEL	CAF =	CONVERGENCE	
DG21	<u>0.99998691</u>	<u>0.99994965</u>	<u>0.99993656</u>	* <u>+1°46'48.840"</u>	<u>GPS</u>

\* A negative value of the convergence is used in RTK

DG21	ELLIPSOID HEIGH	<u>320.903</u> meters	<u>1,052.83</u> feet	<u>GPS</u>
DG21	GEOID HEIGHT 2003	<u>-31.753</u> meters	<u>-104.18</u> feet	<u>GPS</u>

DG21 Tested for horizontal accuracy at 95% (1 sigma) confidence level.  Yes

DG21 Tested for vertical accuracy at 95% (1 sigma) confidence level.  Yes

DG21 HORIZONTAL ORDER B CLASS I VERTICAL ORDER FIRST CLASS II ELLIP ORDER GPS

DG21 RECOVERY CONDITION GOOD YEAR ESTABLISHED 1960 STAMPING DG21 1998

DG21 STATUS EXISTENT ORIGIN NGS RECOVERED BY DG CO DATE RECOVERED 2002

DG21 MONUMENT DESCRIPTION : ALUMINUM DISK IN CONCRETE STAMPED "DG21 1998"

DG21 STATION DESCRIPTION :

DG21 THE STATION IS LOCATED 0.9KM ( 1.5 MI) NORTH OF BALDWIN ON RTE. 1055 AND IMMEDIATELY PAST RURAL WATER DISTRICT #4'S WATER TOWER ON THE WEST SIDE OF THE ROAD, TURN LEFT ONTO ENTRANCE WHEN RTE. 1055 VEERS NORTHEAST AND 91.4m (300FT) NORTH AND 9.1m (30FT) EAST OF THE CENTERLINE OF THE ROAD.

DG21 STANDARD DOUGLAS COUNTY ALUMINUM DISK IN CONCRETE STAMPED "DG21 1998".

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