

Note

JB,NMGREEN VALLEY LAKES,DT11-28-2016,TM07:17:58

MO,AD0,UN2,SF1.00000000,EC0,EO0.0,AU0

SurvCE Version 4.07

CRD: Alphanumeric

CT NAD83

Equipment: Carlson Robotic, CR2/CR5, FW:3044

TS Scale: 1.00000000

Scale Point not used

EDM Mode: Standard

P.C. mm Applied: -11.3000 (Leica 360:foresight)

P.C. mm Applied: -34.4000 (Leica Circle:backsight)

PntNo	Northing	Easting	Elevation	Desc
88	682192.6481	1135836.9442	72.0800	COMPUTED MAP

InstHt	RodHt
5.400	5.070

OcPt	BsPt	Azi	SetAzi
88	96	86°34'54"	0°00'00"

OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
BD 88	96	AR 0°00'10"	348.029	89°10'45"	mag s

Note

Calculated: AR0°00'00", HD347.984, Z77.560

Measured: AR0°00'10", HD347.993, Z77.396

Delta: AR0°00'10", HD0.009, Z-0.164

P.C. mm Applied: -11.3000 (Leica 360:foresight)

P.C. mm Applied: -34.4000 (Leica Circle:foresight)

InstHt	RodHt
5.400	5.140

OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
FD 88	641	AR 154°32'04"	577.617	91°02'24"	TRAV SPK
FR 88	641	AR 334°31'51"	577.617	268°57'09"	TRAV SPK

Note

SS,OP88,FP641,AR154.32000,ZE91.02380,SD577.616955,--TRAV SPK

OC,OP641,N 681913.67432,E 1135331.27211,EL61.818,--TRAV SPK

InstHt	RodHt
5.140	5.400

OcPt	BsPt	Azi	SetAzi
641	88	61°06'54"	0°00'00"

OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
BD 641	88	AR 0°00'02"	577.618	88°56'52"	COMPUTED MAP

Note

Calculated: AR0°00'00", HD577.521, Z72.080

Measured: AR0°00'02", HD577.520, Z72.165

Delta: AR0°00'02", HD-0.001, Z0.085

InstHt	RodHt
5.140	4.840

OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
FD 641	642	AR 148°05'03"	784.252	89°23'02"	TRAV SPK
FR 641	642	AR 328°04'52"	784.251	270°36'29"	TRAV SPK

Note

SS,OP641,FP642,AR148.05050,ZE89.23170,SD784.251384,--TRAV SPK

OC,OP642,N 681229.12002,E 1134948.69472,EL70.495,--TRAV SPK

InstHt	RodHt
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4.840 5.140
 OcPt BsPt Azi SetAzi
 642 641 0°00'00"
 OcPt FsPt HorzAngle SlopeDist ZenithAng Desc
 BD 642 641 AR 0°00'00" 0.000 90°36'25" TRAV SPK
 BR 642 641 AR 179°59'59" 0.000 269°23'41" TRAV SPK

Note

SS,OP642,FP641,AR0.00000,ZE90.36220,SD,--TRAV SPK

Calculated: AR0°00'00"

Measured: AR0°00'00"

Delta: AR0°00'00"

OC,OP642,N 681229.12002,E 1134948.69472,EL70.495,--TRAV SPK

InstHt RodHt

4.840 5.140

OcPt BsPt Azi SetAzi
 642 641 0°00'00"

OcPt FsPt HorzAngle SlopeDist ZenithAng Desc
 BD 642 641 AR 0°00'20" 784.251 90°36'24" TRAV SPK

Note

Calculated: AR0°00'00", HD784.207, Z61.818

Measured: AR0°00'20", HD784.207, Z61.892

Delta: AR0°00'20", HD0.001, Z0.074

P.C. mm Applied: -11.3000 (Leica 360:foresight)

InstHt RodHt

4.840 5.020

OcPt FsPt HorzAngle SlopeDist ZenithAng Desc

FD 642 643 AR 146°29'06" 76.272 89°22'28" MON X

FR 642 643 AR 326°29'03" 76.267 270°36'58" MON X

Note

SS,OP642,FP643,AR146.28590,ZE89.22450,SD76.269368,--MON X

OcPt FsPt HorzAngle SlopeDist ZenithAng Desc

FD 642 644 AR 166°06'53" 69.267 85°50'00" MON X

FR 642 644 AR 346°06'14" 69.265 274°09'27" MON X

Note

SS,OP642,FP644,AR166.06290,ZE85.50170,SD69.265609,--MON X

OcPt FsPt HorzAngle SlopeDist ZenithAng Desc

FD 642 645 AR 69°08'15" 56.444 92°16'08" MON X

FR 642 645 AR 249°08'27" 56.428 267°43'11" MON X

Note

SS,OP642,FP645,AR69.08160,ZE92.16280,SD56.436075,--MON X

OcPt FsPt HorzAngle SlopeDist ZenithAng Desc

FD 642 646 AR 124°22'33" 362.631 91°02'43" TRAV SPK

FR 642 646 AR 304°22'20" 362.633 268°56'47" TRAV SPK

Note

SS,OP642,FP646,AR124.22220,ZE91.02580,SD362.632149,--TRAV SPK

OC,OP646,N 680904.43882,E 1135110.06412,EL63.673,--TRAV SPK

InstHt RodHt

4.860 5.020

OcPt BsPt Azi SetAzi
 646 642 0°00'00"

OcPt FsPt HorzAngle SlopeDist ZenithAng Desc

BD 646 642 AR 0°00'00" 362.647 88°53'33" TRAV SPK

BR 646 642 AR 179°59'49" 362.640 271°05'53" TRAV SPK

Note

SS,OP646,FP642,AR0.00000,ZE88.53500,SD362.643304,--TRAV SPK

Calculated: AR0°00'00", HD362.571, Z70.495

Measured: AR0°00'00", HD362.576, Z70.493

Delta: AR0°00'00", HD0.005, Z-0.002

	OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
FD	646	647	AR 19°36'50"	75.686	90°15'59"	IPIN 1/2"
FR	646	647	AR 199°36'06"	75.689	269°43'23"	IPIN 1/2"

Note

SS,OP646,FP647,AR19.36330,ZE90.16180,SD75.687677,--IPIN 1/2"

	OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
SS	646	648	AR 24°43'17"	72.125	91°34'15"	WF 11-1

Note

CTSS1:GREEN VALLEY LAKES.crd

CTSD0:Design Pt#,Design Elv,Stake Elv,Cut,Fill,Desc,Stake Pt#,Stake Nor,

CTSD1:Stake Eas,Delta X,Delta Y

CTSD0:511,100.000,61.536,,38.464,WF 11-1,648,680976.505,1135107.917,37.668,

CTSD1:22.983

	OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
SS	646	649	AR 62°49'12"	34.502	93°44'58"	WF 11-2
SS	646	650	AR 157°26'04"	72.264	91°19'04"	WF 11-4
SS	646	651	AR 167°11'07"	120.315	90°51'55"	WF 11-5
SS	646	652	AR 167°13'56"	138.796	90°36'26"	WF 11-6

InstHt RodHt
4.860 5.700

	OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
FD	646	653	AR 138°32'41"	210.493	90°50'09"	TRAV SPK
FR	646	653	AR 318°32'35"	210.503	269°09'19"	TRAV SPK

Note

SS,OP646,FP653,AR138.32440,ZE90.50250,SD210.497775,--TRAV SPK

OC,OP653,N 680825.19263,E 1135305.05084,EL59.746,--TRAV SPK

InstHt RodHt
5.080 5.020

	OcPt	BsPt	Azi	SetAzi
	653	646		0°00'00"

	OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
BD	653	646	AR 0°00'00"	210.505	88°56'57"	TRAV SPK
BR	653	646	AR 179°59'50"	210.496	271°02'25"	TRAV SPK

Note

SS,OP653,FP646,AR0.00000,ZE88.57160,SD210.500727,--TRAV SPK

Calculated: AR0°00'00", HD210.475, Z63.673

Measured: AR0°00'00", HD210.466, Z63.647

Delta: AR0°00'00", HD-0.009, Z-0.026

	OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
SS	653	654	AR 313°52'03"	128.629	89°02'11"	cbc
SS	653	655	AR 321°12'39"	80.961	89°12'22"	WF 11-7
SS	653	656	AR 331°57'10"	47.520	89°31'50"	WF 11-8
SS	653	657	AR 6°23'17"	26.946	88°37'17"	WF 11-9
SS	653	658	AR 280°18'37"	39.451	88°36'41"	WF 12-4
SS	653	659	AR 259°12'36"	37.294	89°39'21"	WF 12-5

InstHt RodHt
5.080 5.500

	OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
SS	653	660	AR 259°16'46"	63.542	88°58'51"	WF 12-6

InstHt RodHt
5.080 5.020

	OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
SS	653	661	AR 266°01'26"	85.975	89°14'47"	WF 12-1
SS	653	662	AR 277°26'39"	86.448	89°32'46"	WF 12-2

InstHt RodHt
5.080 6.020

	OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
SS	653	663	AR 288°50'03"	84.595	88°46'12"	WF 12-3

	InstHt	RodHt				
	5.080	5.020				
	OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
SS	653	664	AR 35°22'14"	66.992	90°29'00"	WF 11-10
SS	653	665	AR 58°55'49"	53.932	93°51'53"	WF 11-11
SS	653	666	AR 100°51'06"	47.425	97°12'25"	WF 11-12
	InstHt	RodHt				
	5.080	7.000				
	OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
SS	653	667	AR 126°33'08"	60.856	93°53'56"	FES 18" INV
SS	653	668	AR 126°36'51"	60.831	93°53'46"	WF 11-13
	InstHt	RodHt				
	5.080	5.020				
	OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
SS	653	669	AR 145°50'33"	78.258	95°31'33"	WF 11-14

Note

Measured Offset: AR143.3807,ZE95.3148,SD78.2006

Left Offset 3.0000 (Relative Point Facing Instrument)

	InstHt	RodHt				
	5.080	12.000				
	OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
SS	653	670	AR 162°10'03"	77.813	89°45'06"	WF 11-15
	InstHt	RodHt				
	5.080	8.400				
	OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
SS	653	671	AR 181°55'44"	99.696	92°09'29"	WF 11-16
	InstHt	RodHt				
	5.080	5.020				
	OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
SS	653	672	AR 195°02'38"	97.701	92°38'02"	WF 11-17
	InstHt	RodHt				
	5.080	5.700				
	OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
SS	653	673	AR 194°50'50"	88.371	91°36'38"	SW CL
SS	653	674	AR 207°34'46"	115.241	91°34'36"	SW CL
	InstHt	RodHt				
	5.080	5.020				
	OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
SS	653	674	AR 207°34'32"	115.223	91°34'37"	SW CL
	InstHt	RodHt				
	5.080	5.700				
	OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
SS	653	675	AR 205°25'19"	125.101	91°59'23"	WF 11-18
	InstHt	RodHt				
	5.080	6.400				
	OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
SS	653	676	AR 207°09'16"	149.204	91°53'38"	WF 11-19
	InstHt	RodHt				
	5.080	5.020				
	OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
FD	653	677	AR 215°35'09"	197.308	91°40'56"	TRAV SPK
FR	653	677	AR 35°35'13"	197.305	268°18'25"	TRAV SPK

Note

SS,OP653,FP677,AR215.35160,ZE91.41160,SD197.306692,--TRAV SPK

OC,OP677,N 680658.47913,E 1135410.42055,EL53.995,--TRAV SPK

InstHt RodHt
5.110 5.500

OcPt BsPt Azi SetAzi

	OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
	677	653			0°00'00"	
BD	677	653	AR 0°00'00"	197.301	88°12'40"	TRAV SPK
BR	677	653	AR 179°59'56"	197.307	271°46'43"	TRAV SPK

Note

SS,OP677,FP653,AR0.00000,ZE88.12590,SD197.304231,--TRAV SPK

Calculated: AR0°00'00", HD197.221, Z59.746

Measured: AR0°00'00", HD197.209, Z59.747

Delta: AR0°00'00", HD-0.012, Z0.000

OC,OP677,N 680658.47913,E 1135410.42055,EL53.995,--TRAV SPK

InstHt RodHt

5.110 5.500

	OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
	677	653			0°00'00"	
BD	677	653	AR 0°00'00"	197.301	88°12'40"	TRAV SPK
BR	677	653	AR 179°59'56"	197.307	271°46'43"	TRAV SPK

Note

SS,OP677,FP653,AR0.00000,ZE88.12590,SD197.304231,--TRAV SPK

Calculated: AR0°00'00", HD197.221, Z59.746

Measured: AR0°00'00", HD197.209, Z59.747

Delta: AR0°00'00", HD-0.012, Z0.000

InstHt RodHt

5.110 5.020

	OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
SS	677	678	AR 1°50'01"	47.193	88°49'28"	SW CL RM
SS	677	679	AR 259°43'19"	18.486	86°26'19"	SW CL RM
SS	677	680	AR 220°37'40"	42.222	88°46'39"	SW CL RM

InstHt RodHt

5.110 1.400

	OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
SS	677	681	AR 208°27'06"	91.256	91°23'18"	SW CL RM

InstHt RodHt

5.110 5.020

	OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
SS	677	682	AR 56°00'05"	34.285	91°00'26"	WF 11-20
SS	677	683	AR 82°11'44"	44.393	91°46'30"	WF 11-21
SS	677	684	AR 121°03'10"	40.636	92°17'34"	WF 11-22
SS	677	685	AR 131°40'07"	35.156	91°46'59"	WF 11-23
SS	677	686	AR 152°17'23"	53.077	91°08'51"	WF 11-24
SS	677	687	AR 167°20'47"	47.550	92°53'17"	WF 11-25
SS	677	688	AR 182°09'42"	84.879	91°35'35"	WF 11-26 END

Note

Measured Offset: AR184.5149,ZE91.3542,SD84.7849

Right Offset 4.0000 (Relative Point Facing Instrument)

	OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
SS	677	689	AR 187°36'23"	127.278	91°07'06"	WF 11-27

InstHt RodHt

5.110 6.000

	OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
SS	677	690	AR 190°33'40"	163.796	90°25'03"	WF 11-28

InstHt RodHt

5.110 5.600

	OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
SS	677	691	AR 188°51'02"	208.250	90°17'49"	WF 11-29

Note

Measured Offset: AR190.3006,ZE90.1749,SD208.1640

Right Offset 6.0000 (Relative Point Facing Instrument)

InstHt	RodHt					
5.110	5.020					
OcPt	FsPt		HorzAngle	SlopeDist	ZenithAng	Desc
FD 677	692	AR	202°18'30"	211.548	89°13'44"	TRAV SPK
FR 677	692	AR	22°18'00"	211.533	270°45'37"	TRAV SPK

Note

SS,OP677,FP692,AR202.18170,ZE89.14040,SD211.540423,--TRAV SPK
 OC,OP692,N 680450.16449,E 1135447.11349,EL56.912,--TRAV SPK

InstHt	RodHt					
5.170	5.020					
OcPt	BsPt		Azi	SetAzi		
692	677			0°00'00"		
OcPt	FsPt		HorzAngle	SlopeDist	ZenithAng	Desc
BD 692	677	AR	0°00'00"	211.559	90°49'54"	TRAV SPK
BR 692	677	AR	179°59'46"	211.560	269°09'20"	TRAV SPK

Note

SS,OP692,FP677,AR0.00000,ZE90.50170,SD211.559452,--TRAV SPK
 Calculated: AR0°00'00", HD211.522, Z53.995
 Measured: AR0°00'00", HD211.537, Z53.968
 Delta: AR0°00'00", HD0.015, Z-0.027

InstHt	RodHt					
5.170	5.500					
OcPt	FsPt		HorzAngle	SlopeDist	ZenithAng	Desc
SS 692	693	AR	125°10'57"	76.264	93°06'39"	WF 11-30

InstHt	RodHt					
5.170	6.500					
OcPt	FsPt		HorzAngle	SlopeDist	ZenithAng	Desc
SS 692	694	AR	146°35'37"	121.760	91°26'07"	WF 11-31

InstHt	RodHt					
5.170	5.020					
OcPt	FsPt		HorzAngle	SlopeDist	ZenithAng	Desc
SS 692	695	AR	151°25'41"	142.813	91°39'29"	WF 11-32
SS 692	696	AR	143°24'02"	163.059	91°46'30"	WF 11-33 END
SS 692	697	AR	146°43'34"	171.167	91°34'58"	WF 12-1
SS 692	698	AR	153°03'53"	160.718	91°33'51"	WF 12-2
SS 692	699	AR	156°09'53"	171.564	91°32'13"	WF 12-3

InstHt	RodHt					
5.170	5.500					
OcPt	FsPt		HorzAngle	SlopeDist	ZenithAng	Desc
FD 692	700	AR	137°13'03"	201.161	91°02'53"	TRAV SPK
FR 692	700	AR	317°12'45"	201.166	268°56'28"	TRAV SPK

Note

SS,OP692,FP700,AR137.13010,ZE91.03120,SD201.163476,--TRAV SPK
 OC,OP700,N 680328.48577,E 1135607.26141,EL52.884,--TRAV SPK

InstHt	RodHt					
4.910	5.500					
OcPt	BsPt		Azi	SetAzi		
700	692			0°00'00"		
OcPt	FsPt		HorzAngle	SlopeDist	ZenithAng	Desc
BD 700	692	AR	0°00'00"	201.185	88°41'21"	TRAV SPK
BR 700	692	AR	179°58'56"	201.188	271°17'55"	TRAV SPK

Note

SS,OP700,FP692,AR0.00000,ZE88.41430,SD201.186441,--TRAV SPK
 Calculated: AR0°00'00", HD201.129, Z56.912
 Measured: AR0°00'00", HD201.134, Z56.874
 Delta: AR0°00'00", HD0.005, Z-0.037

InstHt	RodHt
4.910	4.250

	OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
FD	700	701	AR 333°02'36"	275.547	86°09'23"	IPIN 1/2" IN STONE
FR	700	701	AR 153°02'21"	275.542	273°50'00"	IPIN 1/2" IN STONE

Note
SS,OP700,FP701,AR333.03010,ZE86.09420,SD275.544232,--IPIN 1/2" IN STONE

InstHt	RodHt
4.910	5.600

	OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
SS	700	702	AR 274°19'38"	82.649	89°34'37"	WF 12-4
SS	700	703	AR 247°18'31"	102.199	90°34'33"	WF 12-5
SS	700	704	AR 233°28'40"	140.527	90°23'21"	WF 12-6
SS	700	705	AR 229°50'40"	177.436	90°38'42"	WF 12-7

Note
Measured Offset: AR227.5423,ZE90.3843,SD177.3349
Left Offset 6.0000 (Relative Point Facing Instrument)

InstHt	RodHt
4.910	5.020

	OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
SS	700	706	AR 133°29'30"	99.705	89°53'54"	TB CL 6'W
SS	700	707	AR 134°19'20"	73.107	89°46'56"	TB CL 6'W
SS	700	708	AR 133°10'06"	47.864	89°17'09"	TB CL 6'W
SS	700	709	AR 132°20'43"	40.194	94°18'52"	BREACH BTM
SS	700	710	AR 131°34'46"	35.584	95°07'40"	BREACH BTM
SS	700	711	AR 131°03'32"	26.109	88°29'08"	TB CL 6'W
SS	700	712	AR 342°32'16"	9.846	89°43'26"	TB CL 6'W
SS	700	713	AR 324°19'14"	64.389	89°20'36"	TB CL 6'W

InstHt	RodHt
4.910	5.500

	OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
FD	700	714	AR 224°26'32"	228.233	90°47'54"	TRAV SPK
FR	700	714	AR 44°26'12"	228.229	269°11'21"	TRAV SPK

Note
SS,OP700,FP714,AR224.26540,ZE90.48170,SD228.231007,--TRAV SPK
OC,OP714,N 680102.68167,E 1135640.30122,EL49.088,--TRAV SPK

InstHt	RodHt
5.230	5.500

OcPt	BsPt	Azi	SetAzi
714	700		0°00'00"

	OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
BD	714	700	AR 0°00'00"	228.250	88°59'26"	TRAV SPK
BR	714	700	AR 179°59'38"	228.252	270°59'53"	TRAV SPK

Note
SS,OP714,FP700,AR0.00000,ZE88.59460,SD228.251184,--TRAV SPK

Calculated: AR0°00'00", HD228.209, Z52.884

Measured: AR0°00'00", HD228.216, Z52.817

Delta: AR0°00'00", HD0.008, Z-0.066

InstHt	RodHt
5.230	5.020

	OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
SS	714	715	AR 273°32'50"	103.838	85°30'26"	SW CL CR
SS	714	716	AR 254°10'32"	104.279	86°35'04"	SW CL END

Note
Measured Offset: AR252.3127,ZE86.3459,SD104.2360

Left Offset 3.0000 (Relative Point Facing Instrument)

	OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
SS	714	717	AR 275°14'17"	49.592	84°10'02"	SW CL END

InstHt	RodHt
5.230	5.600

	OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
SS	714	718	AR 300°28'33"	21.833	82°53'51"	WF 12-8
	InstHt	RodHt				
	5.230	5.020				
	OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
SS	714	719	AR 230°01'44"	24.697	85°28'33"	WF 12-9
SS	714	720	AR 200°39'52"	40.136	85°57'17"	SW CL END
SS	714	721	AR 166°29'48"	40.359	89°39'38"	SW CL IN POND
FD	714	722	AR 106°59'34"	235.876	88°32'52"	TRAV SPK TIE IN
FR	714	722	AR 286°59'17"	235.880	271°26'30"	TRAV SPK TIE IN

Note
SS,OP714,FP722,AR106.59360,ZE88.33110,SD235.878465,--TRAV SPK TIE IN
OC,OP714,N 680102.68167,E 1135640.30122,EL49.088,--TRAV SPK

InstHt RodHt
5.230 5.500

OcPt BsPt Azi SetAzi
714 700 0°00'00"

	OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
BD	714	700	AR 0°00'00"	228.243	88°59'14"	TRAV SPK
BR	714	700	AR 179°59'48"	228.253	271°00'05"	TRAV SPK

Note
SS,OP714,FP700,AR0.00000,ZE88.59350,SD228.248231,--TRAV SPK
Calculated: AR0°00'00", HD228.209, Z52.884
Measured: AR0°00'00", HD228.213, Z52.830
Delta: AR0°00'00", HD0.004, Z-0.053

InstHt RodHt
5.230 5.400

	OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
FD	714	723	AR 258°07'54"	188.772	81°37'21"	TRAV SPK
FR	714	723	AR 78°07'08"	188.762	278°22'12"	TRAV SPK

Note
SS,OP714,FP723,AR258.07370,ZE81.37340,SD188.767175,--TRAV SPK
OC,OP723,N 680038.20310,E 1135465.03046,EL76.409,--TRAV SPK

InstHt RodHt
5.270 5.500

OcPt BsPt Azi SetAzi
723 714 0°00'00"

	OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
BD	723	714	AR 0°00'00"	188.699	98°14'29"	TRAV SPK
BR	723	714	AR 179°59'44"	188.711	261°44'43"	TRAV SPK

Note
SS,OP723,FP714,AR0.00000,ZE98.14530,SD188.705167,--TRAV SPK
Calculated: AR0°00'00", HD186.755, Z49.088
Measured: AR0°00'00", HD186.753, Z49.107
Delta: AR0°00'00", HD-0.001, Z0.019

InstHt RodHt
5.270 5.020

	OcPt	FsPt	HorzAngle	SlopeDist	ZenithAng	Desc
FD	723	724	AR 343°10'16"	23.028	105°39'06"	MON X
FR	723	724	AR 163°09'25"	23.029	254°19'44"	MON X

Note
SS,OP723,FP724,AR343.09580,ZE105.39410,SD23.028497,--MON X