

→ Cross Sections →

→ Sutherland San

Vicente Conduit. →

→ From Sta 8+39⁹⁰

to

Sta. 556+66^{ES} →

F.B. # 220

Party Lead

Rauner

Clarett.

July 29, 1927

①

Left of #

Sta.								Elev. \pm
July 29, 1927	45 ²	38 ⁴	29 ¹	16 ⁴			2 ⁰	
8+39 ⁰⁰	1950	1945	1940	1935	1930			1928.3
same								
+50	49 ¹	41 ¹	32 ²	18 ²	16 ⁰	14 ²	7 ²	4 ⁸
	1950	1945	1940	1935	1933 ²	1931 ⁴	1930 ⁸	1927.0
Aug 3, 1927	Rd. Bed old Pipeline							
9+00	52 ⁵	42 ²	32 ⁹	23 ¹	17 ²	17 ⁵	11 ³	2 ²
	1950	1945	1940	1936	1933	1930.5	1930	1925
								1923.7
	Rd. Bed old Pipeline							
+50	53 ⁸	45 ²	33 ⁵	25 ⁷	23 ²	17 ²	14 ⁸	6 ⁰
	1950	1945	1940	1935	1934 ⁵	1931 ²	1930	1925
								1921.2
10+00	51 ¹	42 ¹	32 ¹	28 ⁶	25 ⁸	17 ²	16 ⁴	7 ⁵
	1945	1940	1935	1934 ¹	1931 ²	1931 ²	1930	1925
								1919.8
+25	52 ³	43 ³	33 ¹	27 ¹	18 ⁹	13 ⁵	4 ⁷	
	1945	1940	1936	1931 ⁴	1930	1925	1920	
								1917.9
	Outcropping of very large Boulders.							
+50	49 ⁵	39 ⁴	31 ¹	23 ⁹	16 ⁴	8 ¹		
	1945	1940	1935	1930	1929	1925		
								1920.3
	Outcropping large Boulders. 5° to 10° high.							
+75	50 ⁷	39 ⁴	29 ²	20 ²	16 ⁴	8 ²	5 ⁰	
	1950	1945	1940	1935	1930 ²	1930 ⁹	1930	
								1927.3
	Very large Boulders							
11+00	49 ⁴	35 ¹	28 ⁴	18 ²	9 ⁷	5 ⁰		
	1955	1950	1945	1940	1935	1931		
								1930.1
+25	49 ¹	38 ⁶	33 ¹	27 ²	18 ²	11 ³	8 ⁵	
	1960	1955	1950	1945	1941 ³	1940	1935	
								1933.4
+50	51 ⁴	37 ⁹	27 ⁵	18 ²	10 ⁵			
	1965	1960	1955	1950	1945			
								1939.4
Aug 4, 1927								
+75				22 ²	11 ⁸			
				1955	1950			
								1944.3

Right of ϕ

①

$\frac{63}{1925}$ $\frac{152}{1920}$ $\frac{272}{1915}$ $\frac{386}{1910}$ $\frac{491}{1905}$ ← Earth and small rocks

$\frac{68}{1925}$ $\frac{157}{1920}$ $\frac{279}{1915}$ $\frac{386}{1910}$ $\frac{497}{1905}$ ← same Earth & rocks

$\frac{84}{1920}$ $\frac{187}{1915}$ $\frac{282}{1910}$ $\frac{372}{1905}$ $\frac{474}{1900}$ Earth & rocks

$\frac{34}{1920}$ $\frac{132}{1915}$ $\frac{222}{1910}$ $\frac{323}{1905}$ $\frac{405}{1900}$ $\frac{485}{1895}$ Earth & rocks

$\frac{84}{1915}$ $\frac{212}{1910}$ $\frac{275}{1905}$ $\frac{413}{1900}$ $\frac{512}{1895}$

$\frac{61}{1915}$ $\frac{181}{1910}$ $\frac{284}{1905}$ $\frac{382}{1900}$ $\frac{493}{1895}$ Earth & large boulders.

$\frac{110}{1915}$ $\frac{222}{1910}$ $\frac{324}{1905}$ $\frac{416}{1900}$ $\frac{506}{1895}$ Large boulders

$\frac{33}{1925}$ $\frac{125}{1920}$ $\frac{192}{1915}$ $\frac{314}{1910}$ $\frac{394}{1905}$ $\frac{485}{1900}$

$\frac{103}{1925}$ $\frac{180}{1920}$ $\frac{267}{1915}$ $\frac{352}{1910}$ $\frac{448}{1905}$ $\frac{533}{1900}$ Large boulders.

$\frac{30}{1931L}$ $\frac{76}{1930L}$ $\frac{95}{1930}$ $\frac{205}{1925}$ $\frac{315}{1920}$ $\frac{419}{1915}$ $\frac{542}{1910}$

← Old Pipeline → outcropping large boulders.
 $\frac{91}{1935}$ $\frac{132}{1934L}$ $\frac{155}{1933L}$ $\frac{213}{1932L}$ $\frac{280}{1930}$ $\frac{364}{1925}$ $\frac{462}{1920}$ $\frac{544}{1915}$

Old Pipeline ↑
 $\frac{82}{1940}$ $\frac{146}{1937L}$ $\frac{171}{1935}$ $\frac{238}{1930}$ $\frac{298}{1929L}$ $\frac{341}{1925}$ $\frac{411}{1920}$ $\frac{508}{1915}$

Old Pipeline ↑
Large boulders ↑

Sta.	Left of #				②	
12+00				$\frac{24^{\circ}}{1955}$	$\frac{13^{\circ}}{1950}$	
+25				$\frac{24^{\circ}}{1955}$	$\frac{14^{\circ}}{1950}$	
	Earth and small Boulders					
+50				$\frac{24^{\circ}}{1955}$	$\frac{13^{\circ}}{1950}$	$\frac{3^{\circ}}{1945}$
+76 ⁷⁰ E.C.				$\frac{24^{\circ}}{1955}$	$\frac{7^{\circ}}{1950}$	
13+00				$\frac{24^{\circ}}{1955}$	$\frac{12^{\circ}}{1950}$	$\frac{2^{\circ}}{1945}$
+50	$\frac{49^{\circ}}{1955}$	$\frac{41^{\circ}}{1950}$	$\frac{32^{\circ}}{1945}$	$\frac{23^{\circ}}{1940}$	$\frac{12^{\circ}}{1935}$	
+63	$\frac{60^{\circ}}{1955}$	$\frac{50^{\circ}}{1950}$	$\frac{42^{\circ}}{1945}$	$\frac{32^{\circ}}{1940}$	$\frac{24^{\circ}}{1935}$	$\frac{16^{\circ}}{1930}$
						$\frac{3^{\circ}}{1925}$
14+00		$\frac{38^{\circ}}{1955}$	$\frac{28^{\circ}}{1950}$	$\frac{17^{\circ}}{1945}$	$\frac{5^{\circ}}{1940}$	
+50				$\frac{17^{\circ}}{1955}$	$\frac{6^{\circ}}{1950}$	
Aug 5, 1917						
15+00						
+50				Earth & rocks →		
16+00						

Right of #

(2)

El. #

1944.1 $\frac{92}{1940}$ $\frac{190}{1935}$ $\frac{20}{1925}$ $\frac{31}{1920}$ $\frac{39}{1925}$ $\frac{46}{1920}$ $\frac{56}{1915}$
 Grade = 1932.5

old Pipeline

1945.1 $\frac{10}{1940}$ $\frac{21}{1935}$ $\frac{27}{1930}$ $\frac{34}{1930}$ $\frac{39}{1930}$ $\frac{40}{1925}$ $\frac{48}{1920}$ $\frac{58}{1915}$

Old Pipe Line

1942.6 $\frac{7}{1940}$ $\frac{22}{1935}$ $\frac{27}{1935}$ $\frac{31}{1930}$ $\frac{40}{1930}$ $\frac{59}{1925}$ $\frac{66}{1920}$ $\frac{77}{1915}$ $\frac{89}{1910}$

Old Pipe Line

1946.0 $\frac{12}{1945}$ $\frac{13}{1940}$ $\frac{24}{1935}$ $\frac{32}{1931}$ $\frac{39}{1929}$ $\frac{41}{1929}$ $\frac{55}{1925}$ $\frac{67}{1920}$ $\frac{74}{1915}$ $\frac{86}{1910}$

Old Pipe Line

1943.7 $\frac{10}{1940}$ $\frac{17}{1925}$ $\frac{26}{1930}$ $\frac{30}{1928}$ $\frac{33}{1928}$ $\frac{40}{1925}$ $\frac{42}{1925}$ $\frac{55}{1920}$ $\frac{65}{1915}$ $\frac{76}{1910}$

Old Pipe Line

1930.0 $\frac{10}{1925}$ $\frac{27}{1922}$ $\frac{28}{1921}$ $\frac{32}{1920}$ $\frac{40}{1915}$ $\frac{49}{1910}$ Earth and Rock

old Pipe Line

1923.6 $\frac{7}{1920}$ $\frac{14}{1915}$ $\frac{27}{1910}$

1937.60 $\frac{8}{1935}$ $\frac{18}{1930}$ $\frac{31}{1925}$ $\frac{39}{1920}$ $\frac{40}{1918}$ $\frac{45}{1918}$ $\frac{50}{1915}$ $\frac{58}{1910}$

Old Pipe Line

1947.6 $\frac{3}{1945}$ $\frac{13}{1940}$ $\frac{25}{1935}$ $\frac{36}{1930}$ $\frac{46}{1925}$ $\frac{48}{1923}$ $\frac{54}{1923}$ $\frac{59}{1920}$ $\frac{67}{1915}$ $\frac{78}{1910}$

1958.8 $\frac{7}{1955}$ $\frac{18}{1950}$ $\frac{29}{1945}$ $\frac{38}{1940}$ $\frac{46}{1935}$ $\frac{57}{1930}$ $\frac{60}{1926}$ $\frac{66}{1926}$ $\frac{69}{1925}$ $\frac{77}{1920}$ $\frac{87}{1915}$ $\frac{91}{1910}$

Old Pipe Line

1962.8 $\frac{5}{1960}$ $\frac{12}{1955}$ $\frac{19}{1950}$ $\frac{27}{1945}$ $\frac{34}{1940}$ $\frac{43}{1935}$ $\frac{54}{1930}$ $\frac{59}{1926}$ $\frac{60}{1925}$ $\frac{65}{1923}$ $\frac{69}{1920}$ $\frac{77}{1915}$ $\frac{85}{1910}$

Old Pipe Line

1959.4 $\frac{7}{1955}$ $\frac{16}{1950}$ $\frac{25}{1945}$ $\frac{34}{1940}$ $\frac{43}{1935}$ $\frac{52}{1930}$ $\frac{60}{1926}$ $\frac{61}{1925}$ $\frac{63}{1923}$ $\frac{66}{1922}$ $\frac{73}{1920}$ $\frac{80}{1915}$ $\frac{87}{1910}$

Old Pipe Line

Earth and rocks.

③

Sta.

16+25

Earth and very few rocks.

+50

+75

Earth and Rocks

17+00

Earth and Rocks.

+25

+50

Earth and Rocks -

+75

18+00

+25

+50

+75

19+00

+22⁶⁹

Flu. \$

1960.2 $\frac{10^{\frac{1}{2}}}{1955}$ $\frac{19^{\frac{1}{2}}}{1950}$ $\frac{31^{\frac{1}{2}}}{1945}$ $\frac{40^{\frac{1}{2}}}{1940}$ $\frac{49^{\frac{1}{2}}}{1935}$ $\frac{59^{\frac{1}{2}}}{1930}$ $\frac{64^{\frac{1}{2}}}{1927}$ $\frac{70^{\frac{1}{2}}}{1925}$ $\frac{77^{\frac{1}{2}}}{1924}$ $\frac{86^{\frac{1}{2}}}{1920}$ $\frac{95^{\frac{1}{2}}}{1915}$ $\frac{102^{\frac{1}{2}}}{1910}$

Old Pipe Line

1961.5 $\frac{14^{\frac{1}{2}}}{1955}$ $\frac{24^{\frac{1}{2}}}{1950}$ $\frac{34^{\frac{1}{2}}}{1945}$ $\frac{46^{\frac{1}{2}}}{1940}$ $\frac{56^{\frac{1}{2}}}{1935}$ $\frac{67^{\frac{1}{2}}}{1930}$ $\frac{71^{\frac{1}{2}}}{1926}$ $\frac{79^{\frac{1}{2}}}{1925}$ $\frac{88^{\frac{1}{2}}}{1920}$ $\frac{98^{\frac{1}{2}}}{1915}$ $\frac{107^{\frac{1}{2}}}{1910}$

Old Pipe Line

1962.4 $\frac{16^{\frac{1}{2}}}{1955}$ $\frac{26^{\frac{1}{2}}}{1950}$ $\frac{37^{\frac{1}{2}}}{1945}$ $\frac{58^{\frac{1}{2}}}{1940}$ $\frac{75^{\frac{1}{2}}}{1935}$ $\frac{82^{\frac{1}{2}}}{1930}$ $\frac{83^{\frac{1}{2}}}{1928}$ $\frac{96^{\frac{1}{2}}}{1925}$ $\frac{105^{\frac{1}{2}}}{1920}$ $\frac{112^{\frac{1}{2}}}{1913}$

Center of Old Pipe Line

1962.8 $\frac{22^{\frac{1}{2}}}{1955}$ $\frac{31^{\frac{1}{2}}}{1950}$ $\frac{43^{\frac{1}{2}}}{1945}$ $\frac{56^{\frac{1}{2}}}{1940}$ $\frac{62^{\frac{1}{2}}}{1935}$ $\frac{71^{\frac{1}{2}}}{1930}$ $\frac{77^{\frac{1}{2}}}{1925}$ $\frac{83^{\frac{1}{2}}}{1925}$ $\frac{92^{\frac{1}{2}}}{1920}$ $\frac{102^{\frac{1}{2}}}{1915}$ $\frac{110^{\frac{1}{2}}}{1910}$

Old Pipe Line

1961.7 $\frac{16^{\frac{1}{2}}}{1955}$ $\frac{30^{\frac{1}{2}}}{1950}$ $\frac{39^{\frac{1}{2}}}{1945}$ $\frac{48^{\frac{1}{2}}}{1940}$ $\frac{58^{\frac{1}{2}}}{1935}$ $\frac{67^{\frac{1}{2}}}{1930}$ $\frac{78^{\frac{1}{2}}}{1925}$ $\frac{89^{\frac{1}{2}}}{1920}$ $\frac{92^{\frac{1}{2}}}{1918}$ $\frac{106^{\frac{1}{2}}}{1916}$

Old Pipeline

1958.7 $\frac{88^{\frac{1}{2}}}{1955}$ $\frac{19^{\frac{1}{2}}}{1950}$ $\frac{30^{\frac{1}{2}}}{1945}$ $\frac{41^{\frac{1}{2}}}{1940}$ $\frac{53^{\frac{1}{2}}}{1935}$ $\frac{65^{\frac{1}{2}}}{1930}$ $\frac{77^{\frac{1}{2}}}{1925}$ $\frac{89^{\frac{1}{2}}}{1920}$ $\frac{98^{\frac{1}{2}}}{1915}$ $\frac{112^{\frac{1}{2}}}{1910}$

1960.3 $\frac{10^{\frac{1}{2}}}{1955}$ $\frac{16^{\frac{1}{2}}}{1950}$ $\frac{25^{\frac{1}{2}}}{1945}$ $\frac{37^{\frac{1}{2}}}{1940}$ $\frac{38^{\frac{1}{2}}}{1935}$ $\frac{51^{\frac{1}{2}}}{1930}$ $\frac{64^{\frac{1}{2}}}{1925}$ $\frac{75^{\frac{1}{2}}}{1920}$ $\frac{87^{\frac{1}{2}}}{1915}$ $\frac{98^{\frac{1}{2}}}{1910}$

1955.1 $\frac{11^{\frac{1}{2}}}{1950}$ $\frac{23^{\frac{1}{2}}}{1945}$ $\frac{36^{\frac{1}{2}}}{1940}$ $\frac{49^{\frac{1}{2}}}{1935}$ $\frac{61^{\frac{1}{2}}}{1930}$ $\frac{72^{\frac{1}{2}}}{1925}$ $\frac{83^{\frac{1}{2}}}{1920}$ $\frac{97^{\frac{1}{2}}}{1915}$ $\frac{112^{\frac{1}{2}}}{1910}$

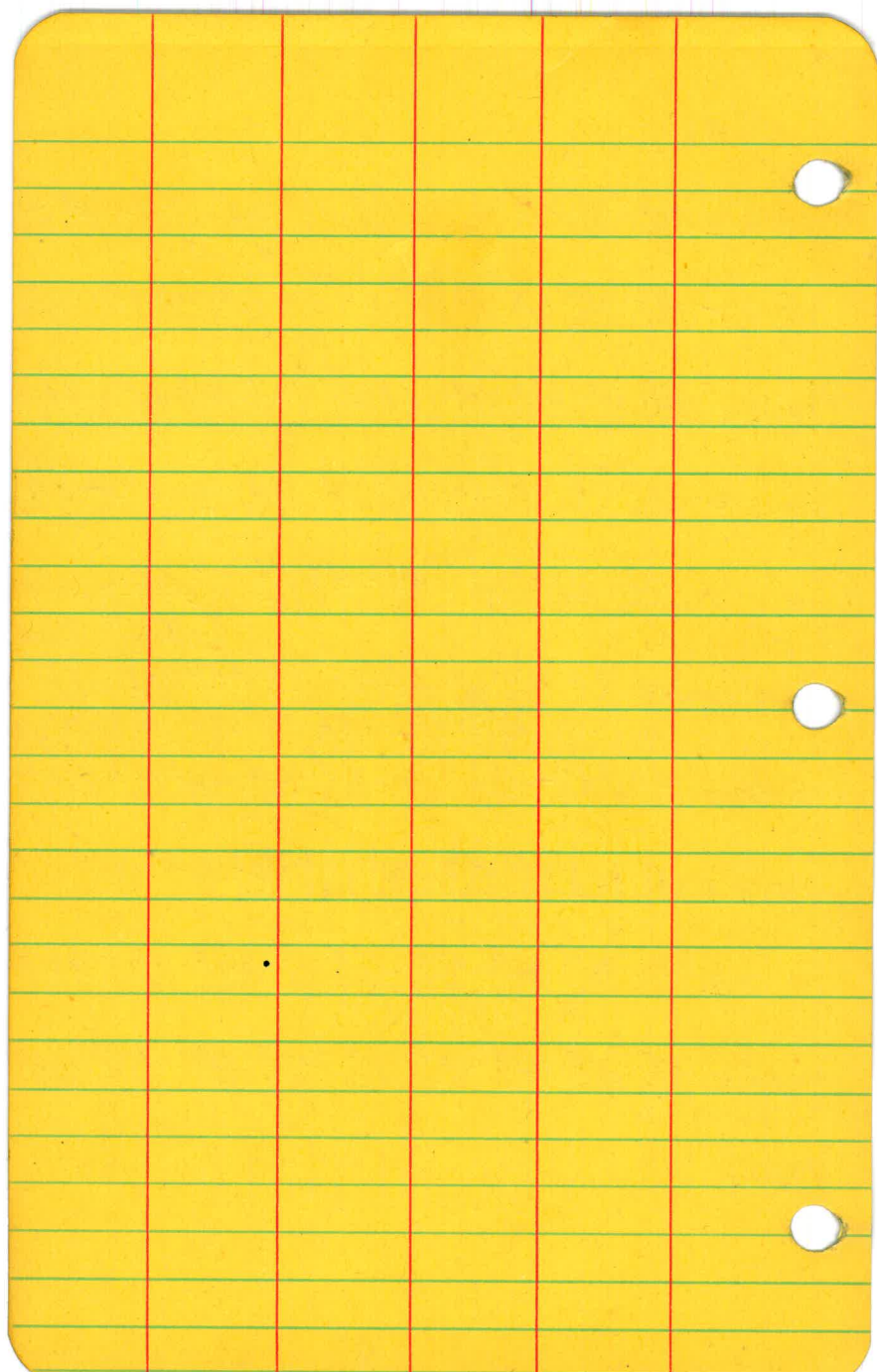
1954.4 $\frac{12^{\frac{1}{2}}}{1950}$ $\frac{23^{\frac{1}{2}}}{1945}$ $\frac{35^{\frac{1}{2}}}{1940}$ $\frac{46^{\frac{1}{2}}}{1935}$ $\frac{58^{\frac{1}{2}}}{1930}$ $\frac{69^{\frac{1}{2}}}{1925}$ $\frac{82^{\frac{1}{2}}}{1920}$ $\frac{93^{\frac{1}{2}}}{1915}$ $\frac{105^{\frac{1}{2}}}{1910}$

1953.3 $\frac{9^{\frac{1}{2}}}{1950}$ $\frac{23^{\frac{1}{2}}}{1945}$ $\frac{35^{\frac{1}{2}}}{1940}$ $\frac{49^{\frac{1}{2}}}{1935}$ $\frac{62^{\frac{1}{2}}}{1930}$ $\frac{72^{\frac{1}{2}}}{1925}$ $\frac{83^{\frac{1}{2}}}{1920}$ $\frac{96^{\frac{1}{2}}}{1915}$ $\frac{110^{\frac{1}{2}}}{1910}$

1953.2 $\frac{8^{\frac{1}{2}}}{1950}$ $\frac{22^{\frac{1}{2}}}{1945}$ $\frac{39^{\frac{1}{2}}}{1940}$ $\frac{55^{\frac{1}{2}}}{1935}$ $\frac{67^{\frac{1}{2}}}{1930}$ $\frac{81^{\frac{1}{2}}}{1925}$ $\frac{95^{\frac{1}{2}}}{1920}$ $\frac{111^{\frac{1}{2}}}{1915}$ $\frac{126^{\frac{1}{2}}}{1910}$

1954.3

1953.6



← Profile Levels →

← Sutherland Son.

Vicente Conduit →

From Sta. 8739²⁰

Party Leach.

Claremont.

Ranger (1926) 2000.

July 29, 1927.

①

Sta.	+	π	-	E.I.	B.M.
July 19, 1927				1954.13	Sta. 19422 T.P. #3 (on rock)
	4.75	1958.88			
19+22 ⁶² B.C.			5.3	1953.6	
19+00			4.6	1954.3	
18+85 ⁰⁴ B.C.			4.7	1954.2	
18+75			5.7	1953.2	
+50			5.6	1953.3	
+25			4.5	1954.4	
18+00			3.8	1955.1	
			2.51	1956.37	
	10.06	1966.43			
17+92			10.0	1956.4	
+82			4.3	1962.1	
+50			7.7	1958.7	

Harry Leach - A
Rauner - Notes
Clavert Rod. ①

Sta.	+	T	-	E.I.
		1966.43		
17+00			3.6	1962.83
16+75			4.0	1962.43
+50			4.9	1961.53
+25			6.2	1960.23
16+00			7.0	1959.43
15+98 ^{LO} B.C. Hub.			7.14	1959.29 T.P.
		8.39	1967.68	
+60 ⁰⁴			3.0	1964.68
+50			4.9	1962.8
15+00			8.9	1958.8
			11.05	1956.63 T.P.
		.78	1957.11	
14 +50			98.	1947.6
			11.94	1945.47 T.P.

②

Sta	+	π	-	Elev
				1945.47
	1.78	1947.25		
14+00			9.6	1937.65
			10.18	1937.07 T.P.
	.80	1937.87		
+63			14.30	1923.6
+50			7.80	1930.0
			9.80	1937.07 T.P.
	9.83	1946.90		
13+00			3.2	1943.7
Ec. 12+76 ²⁰			0.9	1946.0
+50			4.3	1942.6
+25			1.8	1945.1

Sta	+	π	-	Elev
		1946.90		
12+00			2.8	1944.1
11+75			2.6	1944.3
			11.91	1939.99 T.P.
		9.45		1944.44
11+50			5.0	1939.4
11+25			11.0	1933.4
			12.80	1931.64 T.P.
		2.94		1934.58
11+00			4.5	1930.1
10+75			7.3	1927.3
			5.01	E.I. T.P. #2
			5.10	1929.57 / 1929.57
				Check. →
	5.01	1934.58		
10+50	5.10		14.3	1920.3
			12.83	1921.75 T.P.

③

Sta.	+	T	-	Elev.
				1921.75 T.P.
	5.17	1926.92		
+25			9.0	1917.9
10+00			7.1	1919.8
BC 10+05 ⁷⁶			7.4	1919.5
9+50			5.7	1921.2
9+00			3.2	1923.7
			0.89	1926.03 T.P.
	10.87	1936.90		
+50			9.9	1927.0
EC. 8+39 ²⁹			8.6	1928.3
			4.78	1932.12 T.P. #1 check

— H Line —

— Profile Levels

Southerland San Vicente

Conduit —

— From Sta. 19+22.69

— to Sta 41+00

Party Leach T
Rouner Rod.

Aug. 6, 1927.

Sta.	+	π	-	E.I.	B.M. or T.P.
Aug. 6, 1927				1954.133	T.P.#3
	2.650	1956.783			
19+22 ⁶⁷			3.2	1953.6	
+25			3.2	1953.6	
+50			5.0	1951.8	
+75			8.0	1948.8	
			12.693	1944.090	T.P.
	.349	1944.439			
20+00			2.8	1941.6	
+25			11.0	1933.4	
+29 ¹⁹			11.6	1932.8	
+50			12.2	1932.2	
+65			12.9	1931.5	
			12.816	1931.623	T.P.
	.233	1931.856			
20+93			17.8	1914.1	

→ Warm →

Party - Leach.
Rauner.

Point on Rock. Near Sta. 19+22 ⁶⁹

→ Note: All Rod readings taken
on Nail near Sta. Stake. →

On rock. Sta. 19+85

On rock. Sta. 20+65

"Boosted. Center of Dry Wash. →
Rod"

Sta.	+	π	-	E.I.
		1931.856		
21+00			12.0	1919.9
+13			8.9	1923.0
+32			4.0	1927.9
+50			5.8	1926.1
			4.873	1926.983 T.P.
	3.220	1930.203		
21+78 $\frac{1}{2}$			10.2	1920.0
22+00			3.2	1927.0
+21			0.8	1929.4
+50			2.3	1927.9
+66			4.8	1925.4
+85			11.4	1918.8
23+01 $\frac{1}{2}$ B.C.			4.7	1925.5

On Stump near Sta. 21+32.

£ wash → Running Sewer
from Construction Camp.

Top of Hogs back.

£ Dry wash →

Sta.	+	π	-	El.	
		1930.203			
			0.173	1930.030	T.P.
	12.405	1942.435			
R3+25			8.8	1933.6	
	+43 ⁵⁵		3.6	1938.8	
	+50		2.8	1939.6	
			1.190	1941.245	
	13.063	1954.308			
23+97			8.1	1946.2	
24+00			8.5	1945.8	
	+11 ^E		9.7	1944.6	
	+46 ³³ B.C.		1.4	1952.9	
			1.214	1953.094	
	3.670	1956.764			
			8.673	1948.071	B.M.#4
<u>Aug 8, 1927</u>				1948.098	
	2.608	1950.706			

On Stump Sta. 23+12.

Edge old abandoned Rd.

Edge old abandoned Rd.

El. B.M. #4 = 1948.0985

~~check~~

El. B.M. #4

Sta.	+	π	-	El.
Hog. 1927		1950.706		
24+75			6.2	1944.5
			12.633	1938.073
	0.487	1938.550		
25+00			2.8	1935.8
+25			15.0	1923.6
			10.302	1928.258
	0.870	1929.128		
+50			12.6	1916.5
+54 ³³	E.C		12.8	1916.3
26+00			8.3	1920.8
+51 ⁴⁴	B.C		12.3	1916.8
+67 ⁵			13.5	1915.6
+75			12.0	1917.1
			9.207	1919.921
	11.050	1930.971		
27+00			9.2	1921.8
+14			5.9	1925.1

→ Very hot. →

Party Leach π
Rauner ϕ

Boosted Rod" Top of 4' Lath.
T.P. on Rock. Sta. 25+35

$\frac{1}{2}$ old Road.

Edge of main traveled Rd. to Dam.

Sta.	+	π	-	E.I.
		1930.971		
27+25			7.3	1923.7
+37 $\bar{5}$			8.6	1922.9
+42 $\frac{43}{\bar{5}}$	E.C.		2.4	1928.6
			0.098	1930.573
		12.650		1943.523
+51 $\frac{28}{\bar{5}}$	P.O.T.		12.7	1930.8
28+00			6.2	1937.3
423 $\frac{30}{\bar{5}}$	B.C.		3.6	1939.9
+50			1.8	1941.7
28+68 $\frac{80}{\bar{5}}$	E.C.		4.2	1939.3
			6.388	1937.135
+	4.696	1941.831		
29+00			10.9	1930.9
+50			6.6	1935.2
+68.			5.0	1936.8

In traveled Rd.

Edge of main traveled Rd.

Base of large rock.

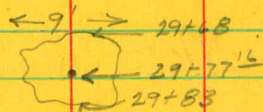
Sta.	+	T	-	E.I.
		1941.821		
			0.512	1941.319
	9.263	1950.582		
29+77 ^{1/2}	P.O.T.		1.4	1949.2
+83			11.5	1939.1
+90			6.3	1944.3
30+00			5.4	1945.2
+142 ³	B.C.		5.5	1945.1
+25			6.3	1944.3
+56 ⁹³	E.C.		14.3	1936.3
			13.037	1937.545
	2.374	1939.919		
			10.953	1928.966
	.303	1929.269		
			11.470	1917.799
	.261	1918.060		
30+92			8.1	
31+00			8.0	

Earth

Top of large rock.

Base of large rock.

Natural ground Elev.



T.P. Sta. 30+65 (On rock)

Sta.	+	∑	-	El.
(31+38)		1918.060		
31+50			6.3	1911.8
=			13.10	1904.96
Hand Level	}	0.00		
			1904.96	
(31+38)			5.3	1899.7
				1917.799 T.P.
	8.406	1926.205		
31+61			7.9	1918.3
32+00			6.7	1919.5
+08 th B.C.			7.1	1919.1
+25			8.4	1917.8
+50			9.2	1917.0
+75			4.8	1921.4
+91 ⁵			1.2	1925.0
			7.954	1918.251
	12.766	1931.017		
Hand Level	}	7.10		
			1935.64	
33+00			0.00	1935.64

E. Dry wash.

Near Sta. 30+65

Base of large rock.

Top of large rock.

Sta.	+	T	-	E.I.
		1931.017	2.879	1928.136
33+25			6.6	
			2.879	1928.136 T.P.#6.
				1928.150
	4.802	1932.952		
33+50			8.9	1924.1
	+75		8.8	1924.2
	+85		13.7	1919.3
34+00			12.5	1920.5
	+25		8.1	1924.9
	+50		3.6	1919.4
	+75		3.0	1930.0
35+00			4.0	1929.0
			0.476	1932.476
	4.497	1936.973		
35+25			4.0	1933.0

Base of Large rock.

E.I.P. #6 = 1928.1505 (Page 5 of B.M's)

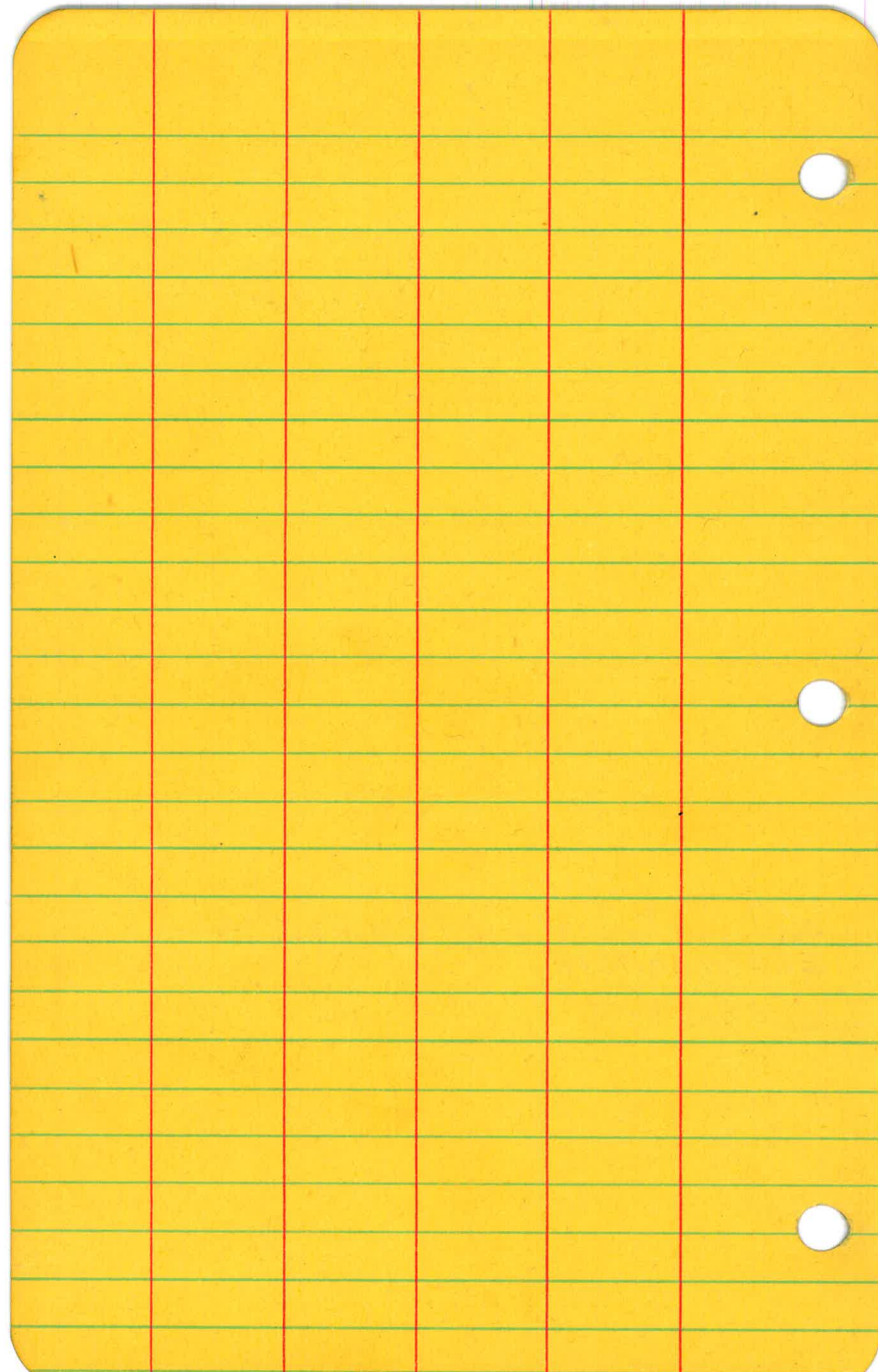
check

Sta.	+	T	-	El.
		1936.973		
35+37 ²³	EC.		2.5	1934.5
+50			3.2	1933.8
36+00			7.8	1929.2
36+50			3.5	1933.5
			0.680	1936.293 T.P.
	9.750	1946.093		
36+74 ²⁵	B.C.		10.2	1935.8
37+00			6.7	1939.3
+25			1.7	1942.3
			0.299	1945.744
	6.502	1952.246		
+50			5.0	1947.2
+75			3.2	1949.0
38+00			3.6	1948.6
+25			6.1	1946.1

Base of rock.

Sta	+	T	-	El.
		1952.246		
38+50			8.1	1944.1
	+76 ²⁴ E.C.		10.6	1991.6
			10.976	1991.770
	4.635	1946.905		
39+00			6.8	1939.6
	+50		8.8	1947.6
40+00			5.7	1940.7
	+50		3.8	1942.6
			0.914	1945.991
	6.643	1952.134		
41+00			7.1	1945.0
			1.392	1950.792
				T.P. #7

Nail in hub A L Sta. 41+35. ~
El. = 1950.7315
— check —



→ H Line ←

Profile Levels Southland

Sao Vicente Conduit ←

From Sta. 38+00

To Sta.

Relocation from Sta.

38+00 on →

Party Leach
Rauner.

Sta.	+	T	-	El.
				1950.73 T.P.#7
	1.26	1951.99		
			10.54	1941.95
	0.32	1941.77		
			12.52	1929.25
	8.07	1937.32		
38+00			7.4	1929.9
	+50		5.0	1932.3
39+00			11.6	1925.7
	+50		15.0	1922.3
40+00			14.9	1922.4
	+06		15.8	1921.5
	+50		12.4	1924.9
			8.07	1929.25
	5.83	1935.08		
41+00			5.5	1929.6
	+50		2.5	1932.6 ?

Nail in Hub 4' L Sta 41+35 -
(old line)

Sta.	+	π	-	El.
		1935.08		
42+00			4.3	1930.8
+07			7.9	1927.2
+50			8.5	1926.6
43+00			3.2	1931.9
			0.74	1934.34
		6.68	1941.02	
+32 ⁴²	P.O.T.		3.6	1937.4
+50			6.1	1934.9
+68			13.6	1927.9
44+00			9.5	1931.5
			12.530	1928.49
		1.79	1930.28	
			5.95	1924.33 B.M.# C-2
+50			2.5	1927.8
+55			4.8	1925.5

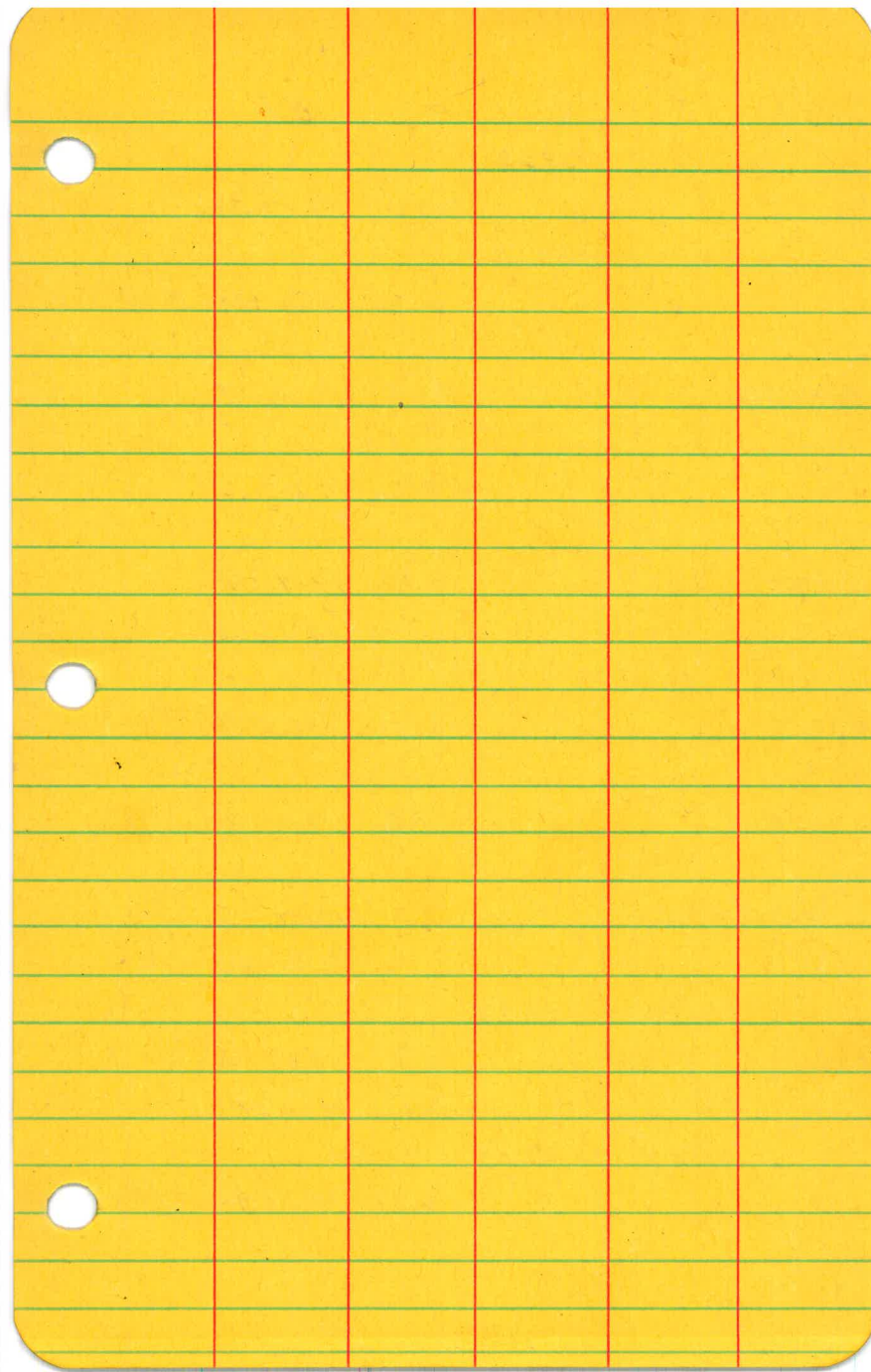
E. B. M[#]C-2 = 1924.36

Sta.	+	π	-	El.
		1930.28		
44+75			5.3	1925 0
45+00			4.5	1925 8
+25			4.2	1926 .1
+50			3.9	1926 4
+75			4.2	1926 .1
			4.27	1926 01 T.P.
	3.69	1929.70		
+83 ⁴²			3.6	1926 .1
46+00			3.7	1926 0
+50			5.5	1924 .2
			12.47	1917.23
	0.59	1917.82		
47+00			4.9	1912 .9
Aug 22, '27			11.57	1906.25 T.P.
	1.14	1907.39		
47+50			10.5	1896.9

Porty - Leach
Rauver.

Sta. 47+35

Sta	+	T	-	E1
		1907.39		
47+68			14.5	1892.9
+74 ⁰² B.C.			10.8	1896.6
			2.36	1905.63
	13.03	1918.06		
48+00			5.2	1912.9
			0.46	1917.68
	8.50	1926.10		
+25			7.0	1919.1
+52 ¹⁴ E.C.			4.8	1921.3
49+00			2.0	1924.1
			0.98	1925.12
	8.51	1933.63		
+50			4.7	1928.9
50+00			4.5	1929.1
+46 ³³ B.C.			5.4	1928.2
+50			5.5	1928.1
+75			6.1	1927.5



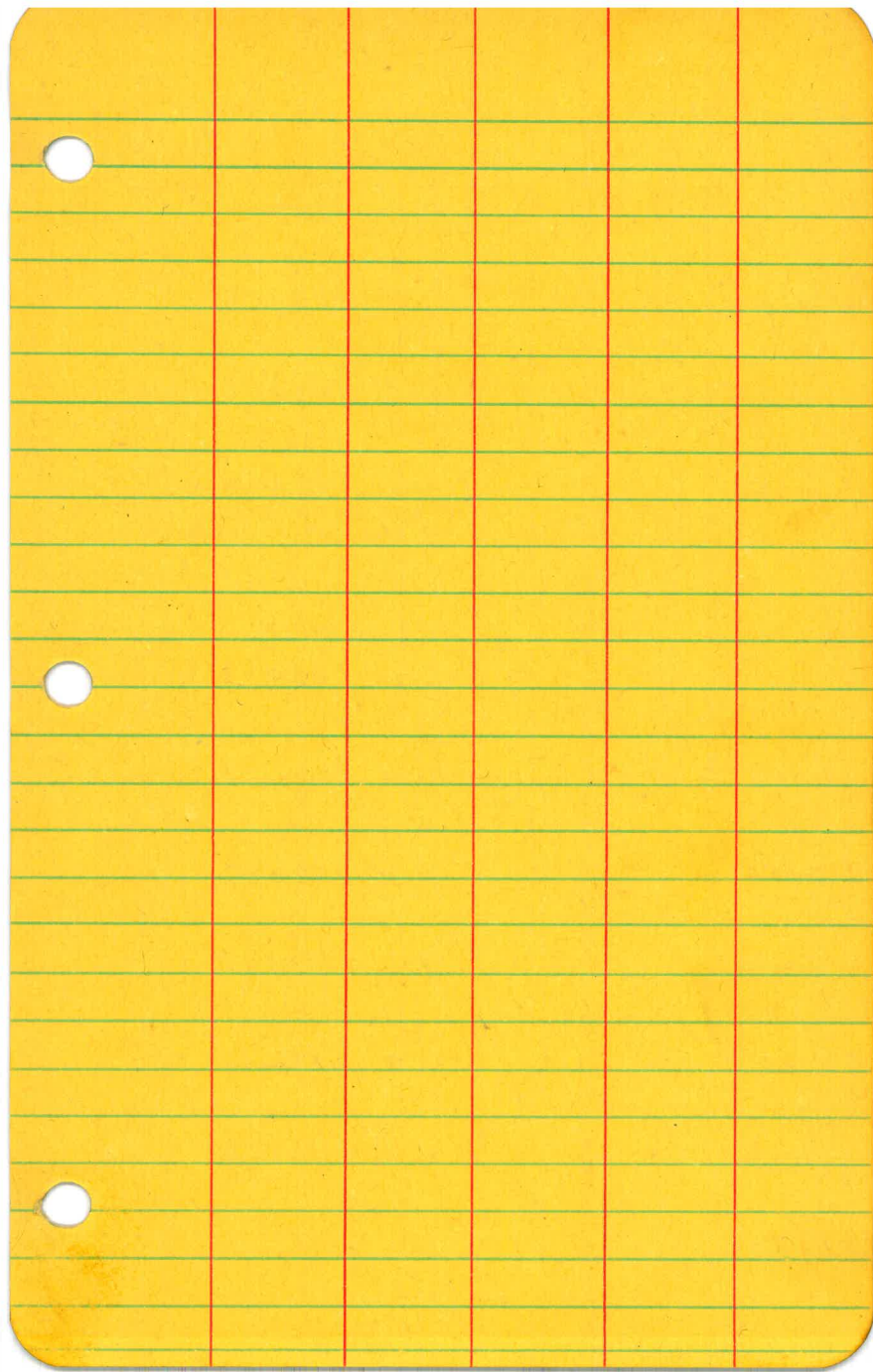
Sta	+	T	-	Elev
		1938.63		
			11.32	1922.31
	6.99	1929.30		
			6.52	1922.78 B.M. #C-3
50+88.42			2.4	1926.9
54+00			3.7	1925.6
+50			9.8	1919.5
			12.77	1916.53
	0.64	1917.17		
52+00			8.5	1908.7
+50			7.2	1910.0
+62.5 P.O.T.			7.7	1909.5
			0.70	1916.47
	12.80	1929.27		
53+00			7.7	1921.5
			07	0.00 1929.27
	12.80	1942.07		
			0.09	1941.98 T.P. #9

1941.76
30

El. Marked on Lath = 1922.81

Correct Elev. = 1942.06

Sta.	+	π	-	El.
				1942.06 T.P.#9
	10.09	1942.15		
			1.03	1941.12
	8.79	1949.91		
53+50			12.9	1937.0
	+84 ^{1/2}		5.8	1944.1
54+00			5.7	1944.2
	+50		11.3	1938.6
			12.58	1937.33
	3.25	1940.58		
			12.27	1928.31
	6.27	1934.58		
55+00			10.2	1924.9
	+16		14.3	1920.3
	+50		10.1	1924.5
56+00			2.5	1932.1
			1.61	1932.97
	3.18	1936.15		



Sta.	+	T	-	E.L.
		1936.15		
56+50			2.1	1934.1
57+00			5.7	1930.5
+02 ⁷⁰	B.C.		6.5	1929.7
+25			7.4	1928.8
			9.98	1926.17
		9.22	1935.39	
+50			11.22	1924.17 B.M.#C-9
			6.9	1928.5
+56 ⁵²	F.C.		6.3	1929.1
58+00			8.6	1926.8
+50			3.6	1931.8
58+63 ⁴	B.C.		2.8	1932.6
+75			3.6	1931.8
59+00			5.0	1930.4

El. marked on 10th = 1929.17.

12

	+	π	-	E.L.
		1935.39		
59+25			15.3	1920.1
+41			18.7	1916.7
+50			15.4	1920.0
+75			8.8	1926.6
+91 ²⁹			6.3	1929.1
60+00			5.2	1930.2
			3.30	1932.09
+ 4.69	1936.78			
+50			1.7	1935.1
61+00			3.4	1933.4
+50			9.4	1927.4
+68			14.5	1922.3
61+93 ⁶²			7.8	1929.0
62+00			7.1	1929.7

-68

± wash. Running creek.

	+	π	-	EI,
		1936.78		
Aug 22			6.11	1930.67 T.P.
	8.86	1939.53		
62+25			7.4	1932.1
	+51 ⁴²	F.C.	6.7	1932.8
63+00			4.5	1935.0
	+50		3.4	1936.1?
	+81 ⁹⁰	B.C.	2.1	1937.4?
64+00			4.0	1935.5?
			6.66	1932.87
	1.06	1933.93		
	+25		8.1	1925.8
	+35 ⁴²	F.C.	5.9	1928.0
	+50		3.8	1930.1
65+00			6.2	1927.7

Near Sta. 62+25

Sta.	+	π	-	El.
		1933.93		
65+50			10.8	1923.1
			12.65	19 21.28
	0.60	1921.88		
66+00			9.9	1912.0
			12.76	19 09.12
	2.27	1911.39		
+32			10.4	1901.0
			2.27	1909.12
	11.53	1920.65		
66+50			9.6	1911.0
			0.18	1920.47
	12.96	19 33.43		
67+00			8.5	1924.9
+50			3.5	1929.9
68+00			1.7	1931.7
+50			5.7	1927.7
+8183			9.0	1924.4

Clear & Hot.

Party-Leach
Rauners

£ small wash Drainage rights

Sta.	+	T	-	EI.
		1933.43		
69+00			11.6	1921.8
			12.68	1920.75 T.P.
	3.30	1924.05		=
			3.04	1921.01 B.M. C-5.
				=
	1.87	1922.62		1920.75 T.P.
69+25			1.4	1921.2
+42 ¹³ F.C.			2.1	1919.5
+50			3.3	1919.3
70+00			8.9	1913.7
+50			11.8	1910.8
71+00			10.3	1912.3
+50			8.3	1919.3
+64			12.7	1909.9
			0.62	1922.00

Near Sta. 69+00

E.L. marked on Lot[?] = 1921.42

± small wash Drainage Rt.

Sta.	+	π	-	El.
				1922.00
	12.82	1934.82		
72+00			11.0	1923.8
			1.12	1933.70
	12.56	1946.26		
+50			10.6	1935.7
+80			4.7	1941.6
73+00			6.4	1939.9
			6.75	1939.51
	0.79	1940.30		
+50			6.2	1934.1
+60 ³⁵			7.5	1932.8
+75			8.3	1932.0
74+00			9.5	1930.8
			10.15	1930.15
	6.17	1936.32		
+25			4.9	1931.4
+50			4.3	1932.0

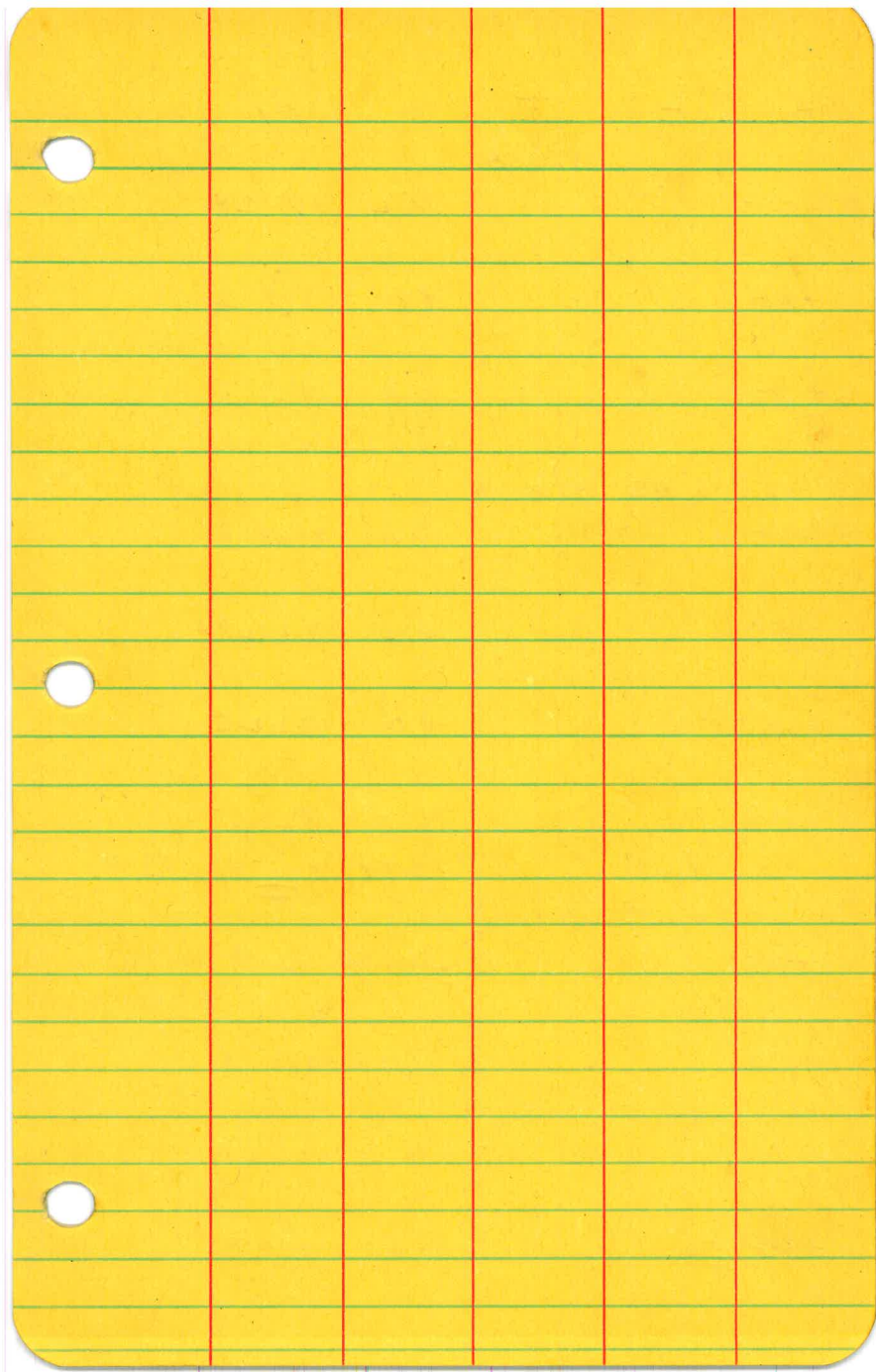
T.P. Sta. 73715

	+	π	-	El.
		1936.32		
74+68 ⁸⁰			4.3	1932.0
75+00			5.9	1930.4
			7.94	1928.38
	6.55	1934.93		
+39			15.7	1919.2
+50			14.4	1920.5
+82			17.5	1917.4
76+00			11.5	1923.4
+48 ¹⁵			1.6	1933.3
			11.82	1923.11 T.P.
	1.35	1924.46		
			10.40	1914.06
	0.38	1914.44		
77+00			6.1	1908.3
+13			13.3	1901.1
				1923.11 T.P.
	6.59	1929.70		

Near Sta. 76+75

Small wash Drainage Right
Near Sta 76+75

Sta	+	T	-	E/
		1929.70		
77+50			13.6	1916.1
78+00			10.0	1919.7
+50			5.4	1924.3
+83.9 ^A P.O.T.			0.5	1929.2
79+00			1.4	1928.3
			11.6	1918.54
	5.83	1924.37		
+50			1.9	1922.5
			5.83	1918.54
	0.88	1919.42		
+92			12.3	1907.1
80+00			8.6	1910.8
			0.06	1919.30
	4.22	1923.58		
+50			3.2	1920.4
+74 ⁵ B.C.			2.6	1921.0
81+00			2.9	1920.7



Sta.	+	T	-	El.
		1923.58		
81+25			11.2	1912.4
+50			4.0	1919.6
+72 ³⁰	EL.		2.3	1921.3
			2.22	1921.36
		6.82	1928.18	
82+00			9.3	1918.9
+50			5.3	1922.9
+85 ⁷⁵	B.C.		6.0	1922.2
83+00			6.7	1921.5
			12.87	1915.31 T.P.
		4.25	1919.56	
+25				Stake out.
+50			9.2	1910.4
+71			16.2	1903.4
+81 ⁷⁶	E.C.		11.8	1907.8

T.P. near Sta. 83+00.

Sta	+	T	-	El.	
		1919.56			
84+00			9.6	1910.0	
+50			0.6	1919.0	
			3.24	1916.32	T.P.
<hr/>					
Aug. 23, 1927.				1915.31	T.P.
	12.96	1928.27			
			0.12	1928.15	
	12.94	1941.09			
			7.39	1933.70	B.M# 10
<hr/>					
				1915.40	T.P.
	5.31	1920.77		=	
85+00			10.9	1909.9	
+07			13.3	1907.5	
+28 ³ B.C.			8.7	1912.1	
+50			2.6	1918.2	
			0.10	1920.67	
	11.50	1932.17			
85+15			9.6	1922.6	

124
7

Party - Leach.
Rauner.

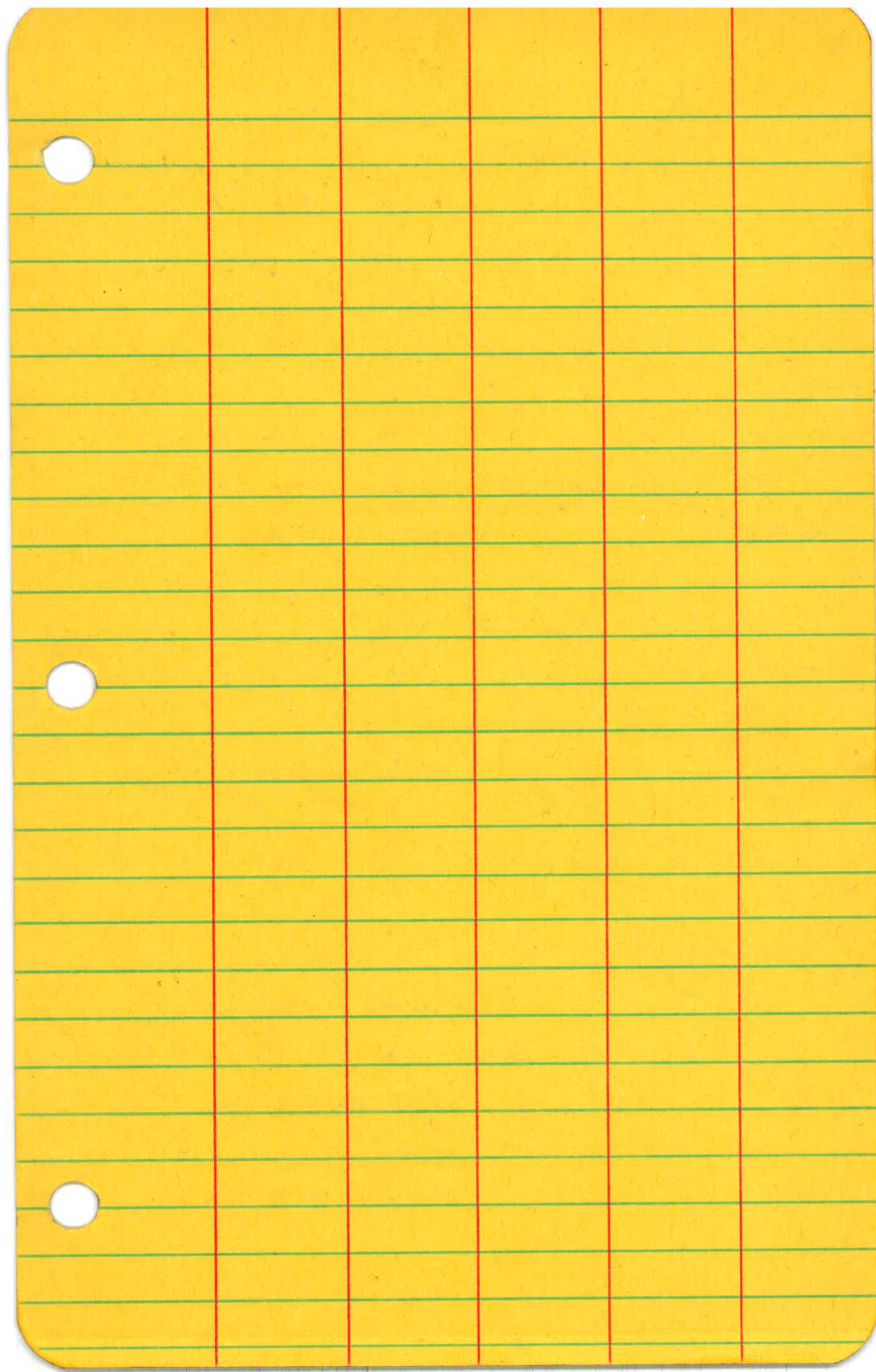
Near Sta. 8475 (Destroyed.)

Near Sta. 8300 (Pt. on rock)

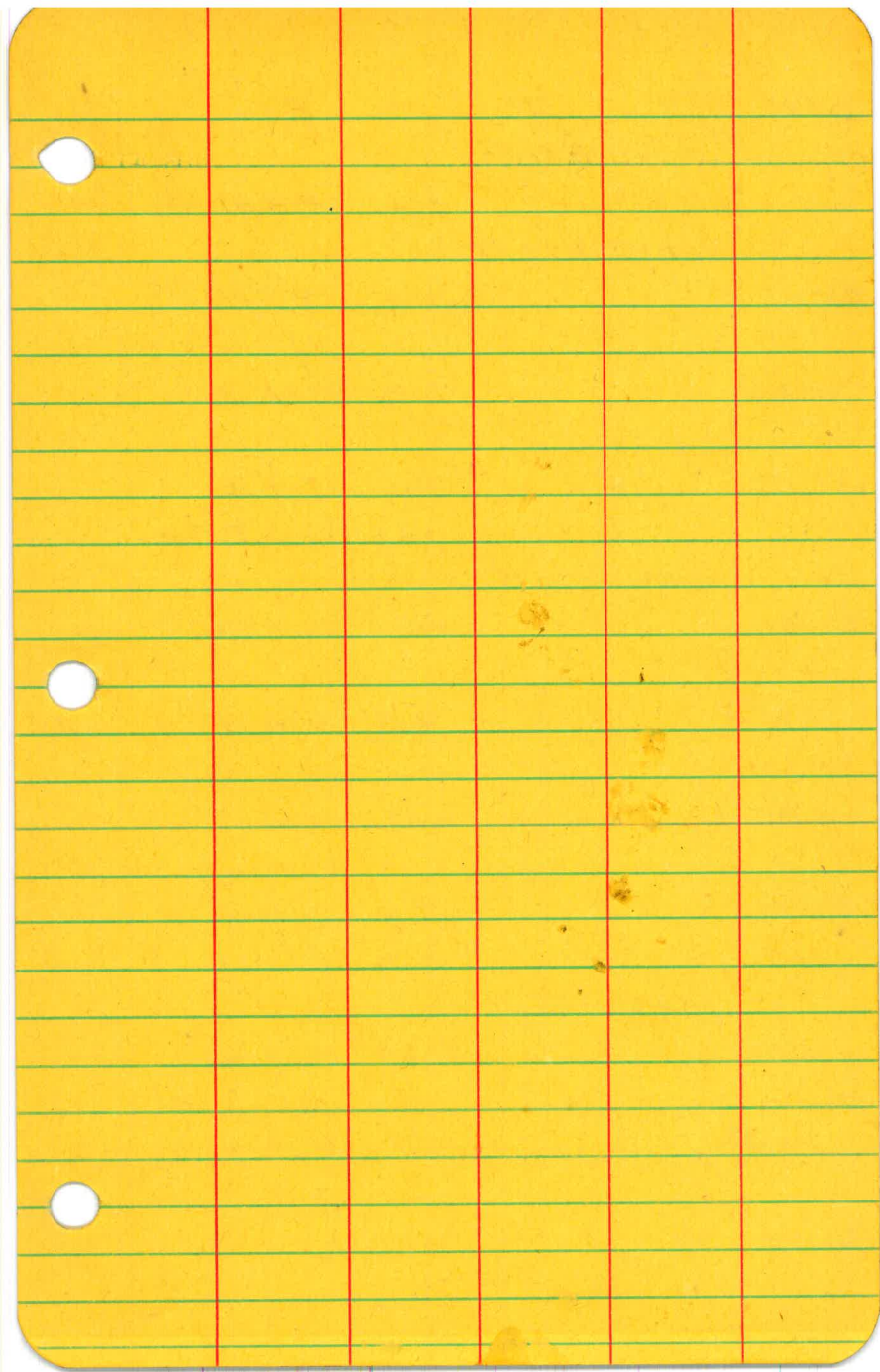
Correct E.L. = 1933.79.

Near Sta. 8300 (Pt. on rock)
(see Preceding page)

Sta.	+	T	-	El.
		1932.17		
86+00			6.3	1925.9
+15 ⁴⁰ E.C.			2.9	1929.3
			0.39	1931.78
	12.73	1944.51		
+50			2.5	1942.0
			0.27	1944.24
	12.20	1956.44		
			0.30	1956.14
	12.19	1968.28		
87+00			9.6	1958.5
			0.99	1967.29
	4.34	1971.63		
+50			3.3	1968.3
+73 ⁵³			1.6	1970.0
88+00			8.5	1963.1
			12.95	1958.68
	0.27	1958.77		
			12.85	1946.12
	0.36	1946.48		
+50			5.2	1941.3



Sta.	+	T	-	El.
		1946.48		
			12.34	1934.14
	0.98	1935.12		
			13.02	1922.10
	0.14	1922.24		
89+00			3.3	1918.94
			13.03	1909.21
	0.38	1909.59		
+50			10.9	1898.69
			12.26	1897.33
	0.51	1897.84		
+78			17.6	1880.2
90+00			8.2	1889.6
+50			0.8	1897.0
+62 ⁷⁶	B.C.		2.2	1895.6
			1.88	1895.76
	3.34	1899.30		
+75			7.5	1891.8
+87 ³			15.8	1883.5
91+00			12.8	1886.5



Sta	T	T	-	E	
		1899.30			
			0.41	1898.89	
	11.88	1910.77			17.3 13.5
91+25			11.2	1899.6	30.6
+46 ³³			3.3	1907.5	
+50			3.0	1907.8	
			0.24	1910.53	
	11.04	1921.57			
92+00			4.3	1917.3	
+17 ⁹⁴			3.3	1918.3	
+50			5.9	1915.7	
93+00			2.6	1919.05	
			0.36	1921.21	
	12.53	1933.74			
+50			10.1	1923.6	
+77 ⁹²			6.1	1927.6	
94+00			6.9	1926.8	



132
147
273

132
147
273

85
134
98.4
142
1126

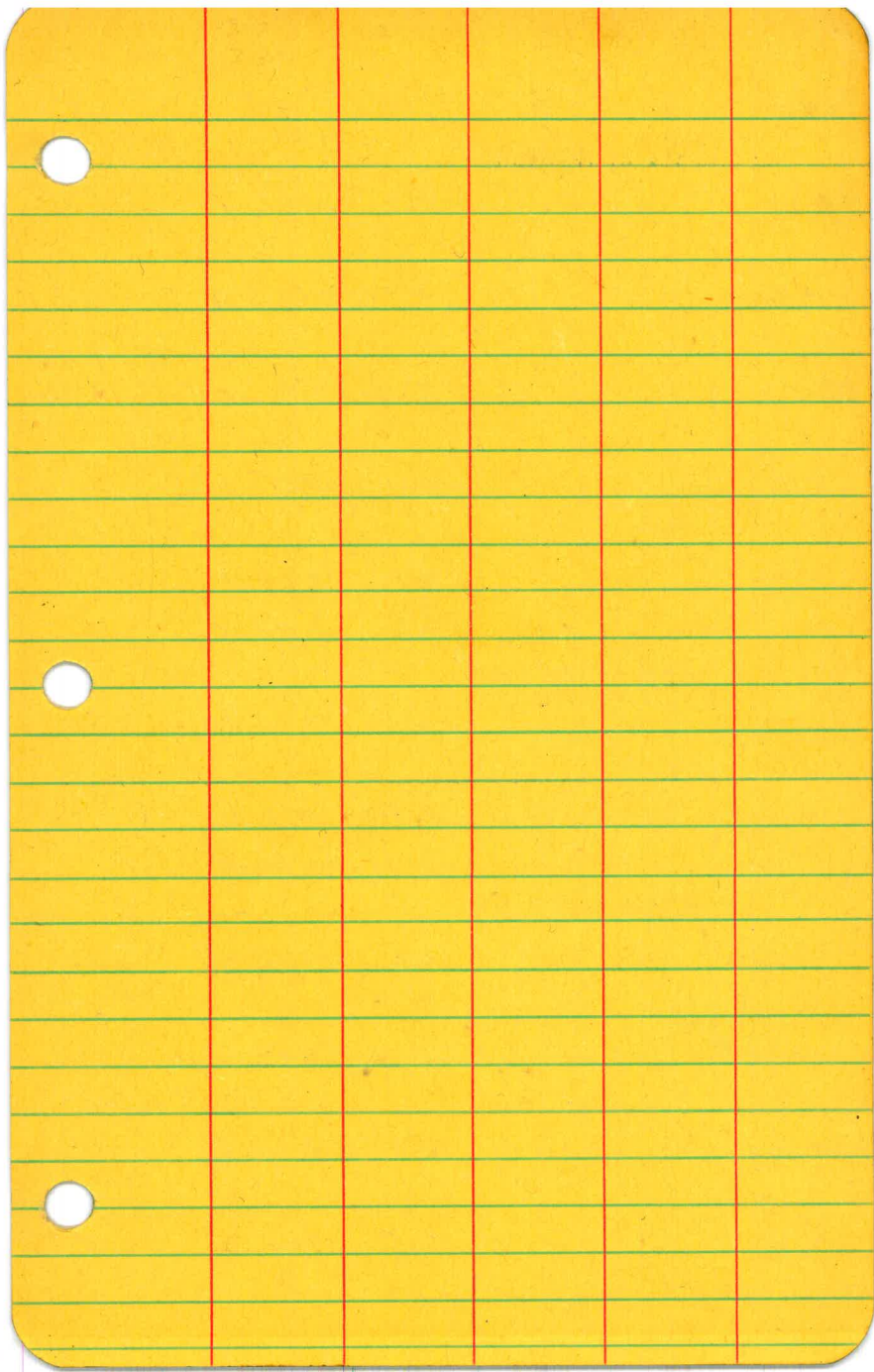
142

132
147
273

on rock.

132
147
273

Sta.	+	T	-	El.
		1933.74		
94+25			4.9	1928.8
+50			8.3	1925.4
+75			6.9	1926.8
+94.4			11.3	1922.4
95+00			10.2	1923.5
+48			6.0	1927.7
+92 ⁶² B.C.			10.2	1923.5
96+00			9.8	1923.9
			10.20	1923.54
		13.05		1936.59
+25			14.0	1922.6
+51 ⁴⁵ E.C.			15.0	1921.6
97+00			0.9	1935.7
			0.43	1936.16
	2.74	1938.90		



Sta	+	T	-	El.
		193890		
97+20			2.2	1936.7
+50			4.5	1934.4
98+00			5.9	1933.0
+50			9.8	1929.1
+80			13.8	1925.1
			12.71	1926.19
	0.86	1927.05		
99+00			12.5	1914.5
+11			9.7	1917.3
			12.19	1914.86
	0.85	1915.71		
+50			7.4	1906.3
+68 ⁹			15.8	1899.9
100+00			14.4	1901.3
+21			10.5	1905.2

112
32

on old Pipe line ditch

Top of slope

Edge of rd.

	+	π	-	E1
		1915.71		
100+50			6.7	1909.0
101+00			6.5	1909.2
			6.77	1908.94 B.M#42
				1908.95 B.M#42
	6.77	1915.72		
			0.00	1915.72
	12.64	1928.36		
104 41			12.7	1915.7
+50			8.4	1920.0
			1.73	1927.13
	12.43	1937.56		
102+00			11.1	1928.5
+50			See Top Next Page	1923.3
				1908.95 B.M#42
	11.53	1920.18		
103+00			3.5	1917.0
+50			1.6	1918.9
+57 ⁵⁰ B.C			1.0	1919.5
			0.50	1919.98 T.P.

Correct El. = 1908.95

Edge of Rd.

± Mesa Grande Rd.
Point on rock. Edge of Rd.

Sta	+	T	-	Et.
				1919.98 T.P.
	3.57	1923.55		
102+50			0.3	1923.3
<hr/>				
109+25				1919.98 T.P.
	5.22	1925.20		-
103+75			4.4	1920.8
104+00			3.1	1922.1
+25			3.4	1921.8
+42 ^{6.9}			4.9	1920.3
+50			5.9	1919.3
105+00			7.0	1918.2
+30			13.5	1911.7
+50			8.5	1916.7
+69 ^{4.6}			8.0	1917.2
+75			8.9	1916.3

Point on rock. (Edge of Rd.)

Top of Cut

Point on rock. (Edge of Rd.)
(See Preceding Page)

Sta.	+	π	-	EI
		1925.20		
106+00			5.7	1919.5
			0.46	1924.74
	12.49	1937.23		
+25 ¹⁵ E.C.			8.6	1928.6
+36 ⁸⁵			6.4	1920.8
+50			6.1	1931.1
107+00			5.8	1931.4
			6.24	1930.99 B.M.#12
				1930.97 B.M.#12
	6.24	1937.21		
			11.59	1925.62
	1.13	1926.75		
+50			13.6	1913.2
108+00			8.4	1918.4
+50			11.9	1915.4
+72			14.5	1912.3
			6.37	1920.38

Edge of Rd.

Edge of Rd.

Correct El. = 1930.97.

Sta.	+	T	-	El.
				1920.38
	12.90	1933.28		
109+00			9.4	1923.9
(109+00)			(8.6)	1924.7
+50			10.5	1922.8
+84			13.2	1920.1
110+00			7.0	1926.3
+27			2.5	1930.8
+50			3.7	1929.4
+69			3.9	1929.9
111+00			8.3	1925.0
+05	⁸¹ B.C.		5.9	1927.3
+25			5.6	1927.7
+50			11.8	1911.5
			12.97	1920.31
	0.00	1920.31		

9.4
8.6

(center of rock at Sta. PT.)

	+	π	-	El.	
		1920.31			T.P.
111+75			8.5	1911.8	
			11.36	1908.95	
	0.19	1909.14			
112+00			10.5	1898.6	
				1920.31	T.P.
	11.56	1931.87			
112+25			10.3	1921.6	
+43 ⁹⁵			2.3	1929.6	
+50			2.5	1929.4	
113+00			6.1	1925.8	
			12.92	1918.95	T.P.
	0.25	1919.20			
+25			6.2	1913.0	
			12.87	1906.33	
	0.01	1906.34			
+50			13.9	1892.4	
+50 ^E			16.9	1889.9	
+70			1.6	1909.7	

Lath driven in ground.
(Near Sta. 11175.)

± wash Drainage Right.

Near Sta 11175

T.P. on Lath Near Sta. 11300

± wash Drainage Right

Top of Hogs back between
Two washes.

	+	T	-	E.I.
		1906.34		
114+00			16.7	1889.6
	+23 ²⁷ B.C.		0.9	1905.9
			0.74	
				1918.95 T.P.
	8.18	1927.13		=
114+50			3.5	1923.6
	+75		2.3	1924.8
	+95 ⁴³ E.C.		3.6	1923.5
115+00			3.7	1923.4
	+46 ¹² B.C.		6.6	1920.5
	+50		6.8	1920.3
	+75		10.1	1917.0
			11.03	1916.10
		13.08		1929.18
116+00			16.5	1912.7
	+25		14.6	1914.6

± Wash. Drainage Right

Near Sta. 11300 (on Lath)
(see Preceding Page.)

	+	π	-	El.
		1929.18		
116+50			13.4	1915.8
+75			12.6	1916.6
117+00			9.9	1919.3
+25			8.3	1920.9
+50			8.0	1921.2
+75			7.7	1921.5
118+00			8.0	1921.2
+25			9.0	1920.2
+37 ⁵⁹			10.0	1919.2
+50			12.0	1917.2
			12.36	1916.82 T.P.
<hr/>				
			0.84	1928.34 T.P.
	12.78	1941.12		
			4.41	1936.71

Phoebe Sta. 118+50.

	+	T	-	El.	
				1936.71	
	8.17	1944.88			
			4.03	1940.85	B.M #13
<hr/>					
				<u>1916.82</u>	T.P.
	0.40	1917.22			
			12.99	1904.23	
	0.25	1904.48			
119400			0.7	1903.8	
			12.78	1891.70	
	0.15	1891.85			
+50			5.0	1886.8	
			12.28	1879.57	
	2.01	1881.58			
120400			9.0	1872.6	
			5.0	1876.6	
+50			0.51	1881.07	
	12.03	1893.10			
121400			11.5	1881.6	
			4.2	1888.9	
+50			0.66	1892.44	
	13.00	1905.44			

Correct Elev = 1940.845

Pt. on rock Sta. 118+50.

see Preceding
Page.

Sta	+	T	-	E ₁
		1905.44		
122+00			6.2	1899.2
			0.32	1905.12
	9.95	1915.07		
+50			4.4	1910.7
+69 ^E			2.6	1912.5
+73 ⁰³ B.C.			5.1	1910.0
123+00			8.2	1906.9
+25			12.4	1902.7
+50			16.6	1898.5
+66 ⁰⁵ E.C.			16.5	1898.6
			12.07	1903.00
	4.30	1907.30		
124+00			11.7	1895.6
+50			9.9	1897.4
+94 ⁴⁶ B.C.			1.5	1905.8
			1.42	1905.88 T.P.

In old Pipe line ditch.

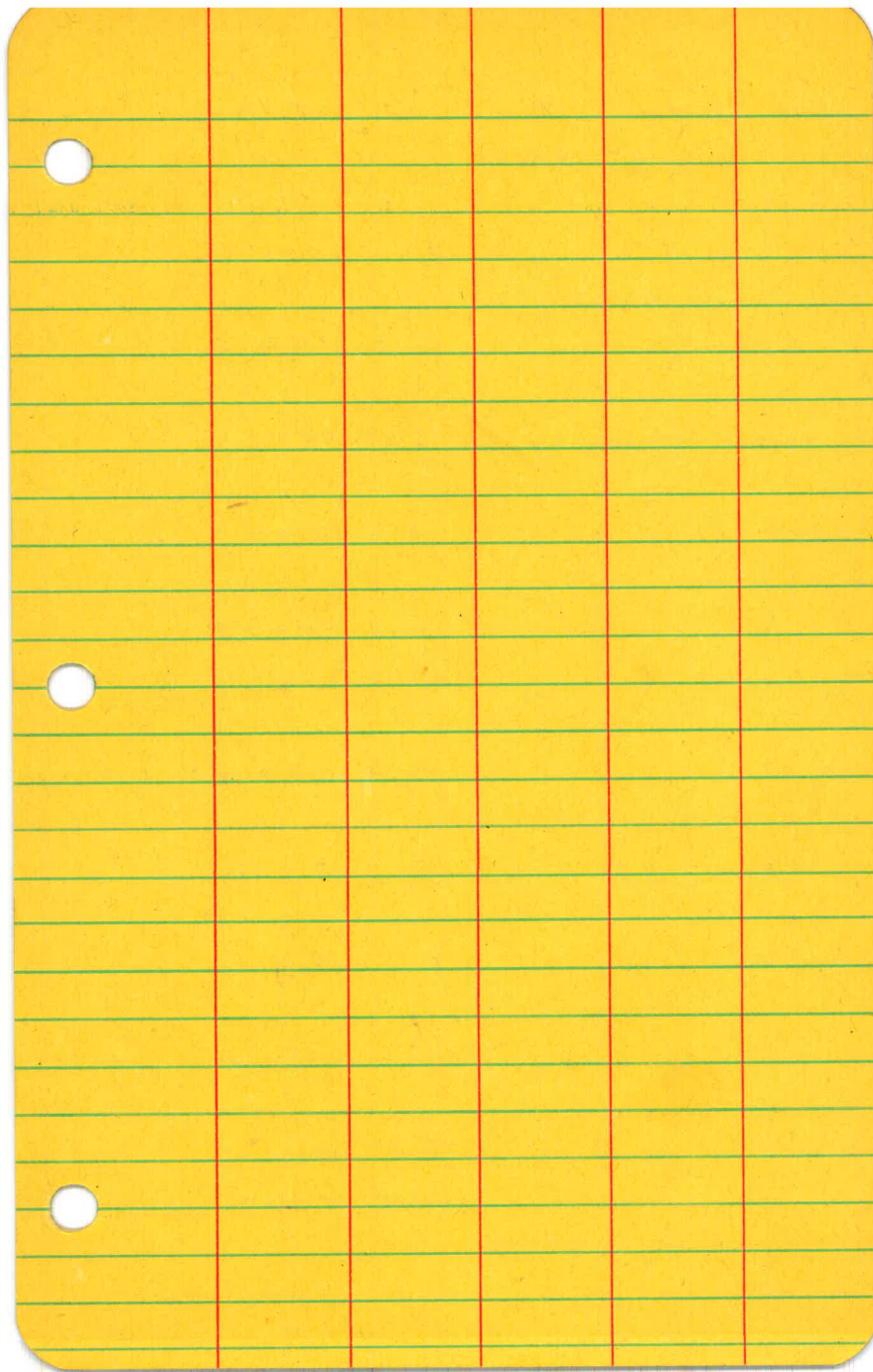
On B.C. Hub.

Sta.	+	T	-	El.	
				1905.88	
	6.08	1911.96			
125+00			6.0	1906.0	
+25			7.7	1904.3	
+50			9.3	1902.7	
+75			11.6	1900.4	
126+00			10.9	1901.1	
+25			10.4	1901.6	
Aug. 28, 1927			6.96	1905.00	T.P.
	7.33	1912.33			
+53 ⁸³ E.C.			12.8	1899.5	
			0.83	1911.50	
	12.78	1924.28			
127+00			11.3	1913.0	
			0.00	1924.28	
	12.46	1936.74			
+50			9.5	1925.2	
			0.42	1936.32	B.M. [#] 14

Pl. on rock. Sta. 126+25

El. = 1936.31

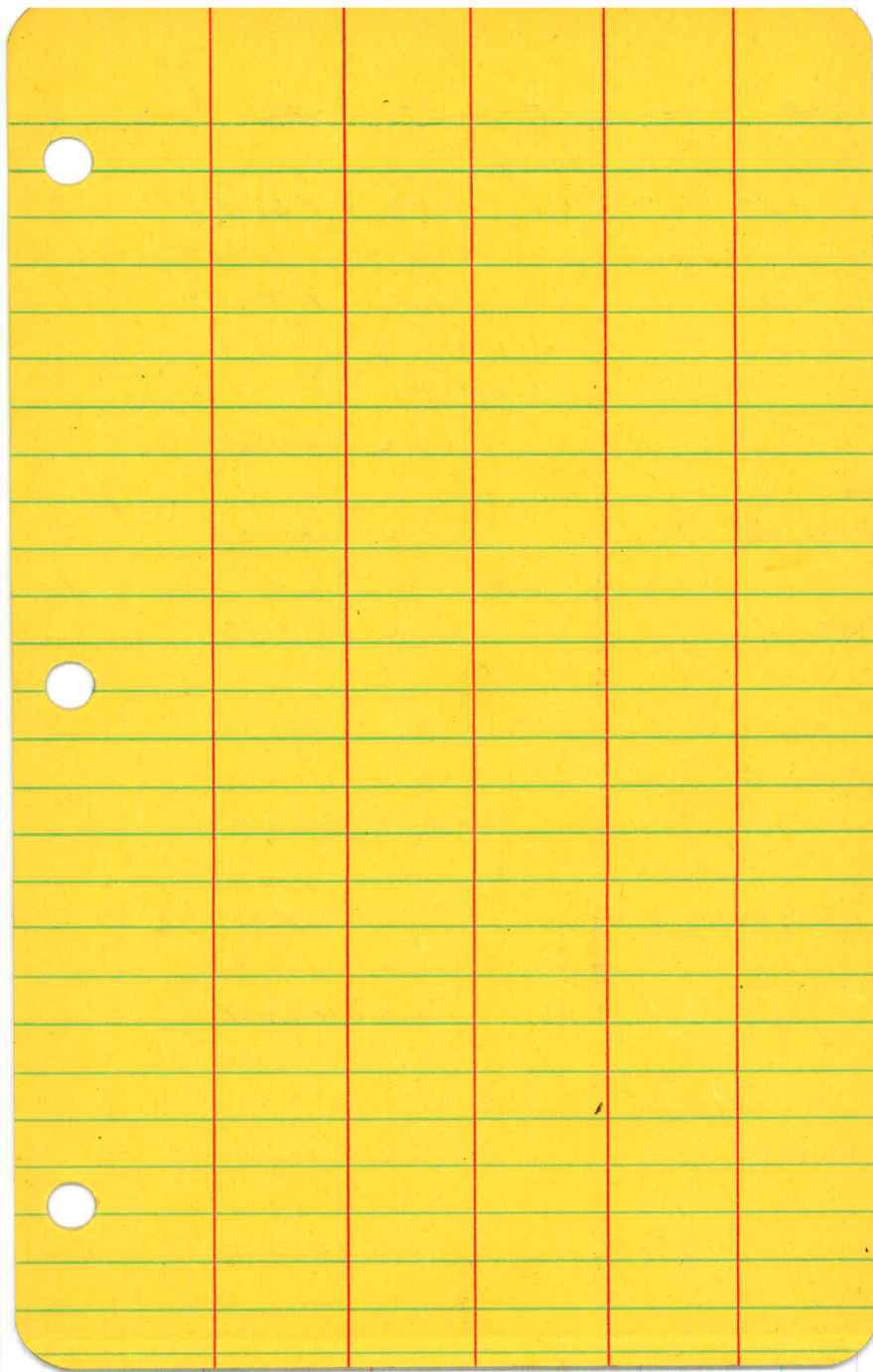
Sta	+	π	-	El.
				1936.31
	0.42	1936.73		
127168 ⁰³	B.C.		4.7	1932.0
+75			3.5	1933.2
128+00			2.8	1933.7
			0.37	1936.36
	8.36	1949.72		
+25			13.0	1931.7
			12.91	1931.81
	0.54	1932.35		
+50			14.0	1918.4
			12.88	1919.7
	0.94	1920.41		
+75			13.6	1906.8
			12.45	1907.96
	0.33	1906.29		
			12.53	1895.76
	1.04	1896.80		
+90 ⁰⁸	E.C.		2.3	1894.5
129+00			9.4	1885.4
			10.31	1886.49
	2.92	1889.41		



Sta	+	T	-	Fl.
		1889.41		
129+12			11.8	1877.6
			2.92	1886.49
	8.18	1894.61		
+50			3.7	1891.0
+68			2.2	1892.5
130+00			4.7	1890.0
+50			13.3	1881.4
			12.72	1881.95
	0.46	1882.41		
131+00			3.2	1879.2
+50			8.8	1873.6
132+00			4.2	1878.2
+50			8.6	1873.8
133+00			9.7	1872.7
			7.84	1874.51
	6.28	1880.85		
+50			12.3	1868.5

wash Drain age Pt.

Sta	+	π	-	El.
		1880.85		
133+66 ⁹⁶			11.2	1869.6
+75			9.9	1870.9
134+00			3.3	1877.5
			0.25	1880.60
	12.39	1891.99		
+25			6.5	1886.5
+50			0.4	1892.6
			2.35	1890.64
	12.70	1903.34		
134+75			5.3	1898.0
+96 ³⁶ E.C.			2.0	1901.3
135+08			1.6	1901.7
			0.84	1902.50
	4.66	1907.16		
+31 ⁸²			4.0	1903.2
+50			3.6	1903.6
136+00			5.9	1901.3



Sta	+	T	-	El.
		1907.16		
+50			10.7	1896.5
+72			13.2	1899.0
			12.03	1895.13
	1.99	1897.12		
+81 ⁴⁸	B.C.		12.2	1889.9
136+95			15.8	1881.3
137+00			14.2	1882.9
+25			8.3	1888.6
+50			8.72	1888.40
	13.06	1901.46		
+50			8.5	1893.0
+75			2.6	1898.9
			0.17	1901.29
	12.89	1914.18		
138+05 ⁴⁹	E.C.		7.3	1906.9
+29 ⁴⁸	P.O.T.		1.9	1912.3

4 small wash.

Sta	+	T	-	El.
		1919.18		
138+50			2.0	1912.2
139+00			4.9	1909.3
			9.62	1904.56 T.P.
	0.25	1909.81		
+24			6.6	1898.2
			12.30	1892.51
	.86	1892.37		
139+50			16.8	1876.6
				1904.56 T.P.
	5.54	1910.10		
140+00			7.9	1902.2
+25			2.2	1907.9
+46 ⁵⁰	P.O.T.		2.0	1908.1
+50			2.9	1907.2
+97 ⁵	B.C.		10.0	1900.1
141+00			11.5	1898.6

Point on rock. near Sta. 139+10

± wash. →

Point on rock. Sta. 139+10.

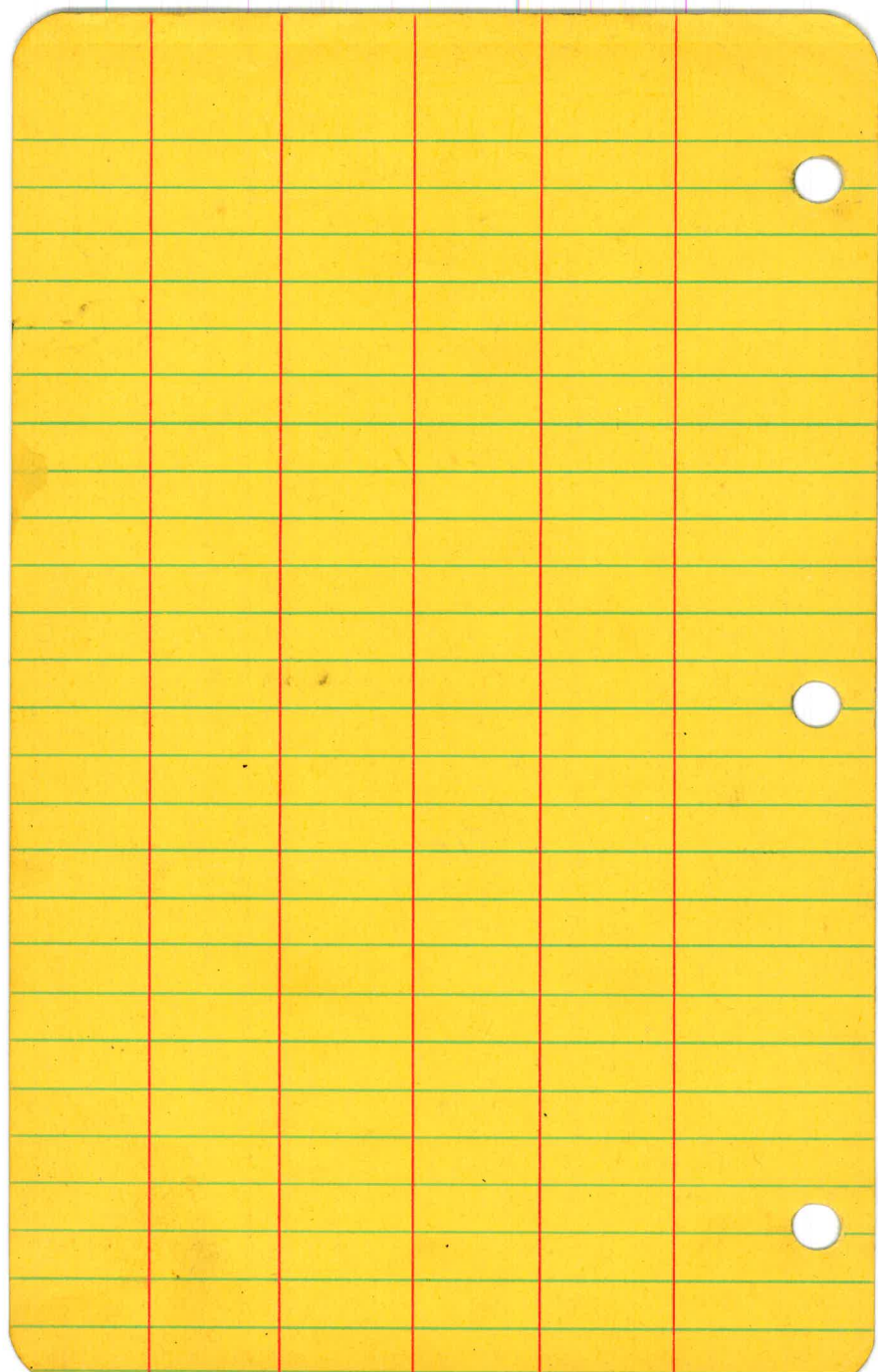
Sta.	+	π	-	El.
		1910.10		
			12.24	1897.86
	6.64	1904.50		
141+25			10.2	1894.3
+50			14.5	1890.0
+77 ⁸⁴	E.C.		3.3	1901.2
			2.18	1902.32
	12.36	1914.68		
142+00			9.1	1905.6 ✓
+29 ⁸⁹	B.C.		5.4	1909.3
+50			3.7	1911.0
+75			3.1	1911.6
143+00			3.1	1911.6
			5.34	1909.34
	4.41	1913.15		
+25			4.2	1909.6
+50			8.7	1905.1

4 wash

Sta.	+	π	-	El.	
		1913.75			
143+75			11.3	1902.5	
+85			13.5	1900.3	
144+00			7.0	1906.5	
			1.17	1912.58	
	12.52	1925.10			
+25			7.8	1917.3	
			0.93	1924.17	
	12.04	1936.21			
+50			.8.1	1928.1	
+64 ⁶⁹	E.C.		3.8	1932.4	
			.06	1936.15	B.M#16

≠ wash.

Nail in Tree.



Profile Levels ~

From Sta. 145+15¹⁰

To Sta. 172+24

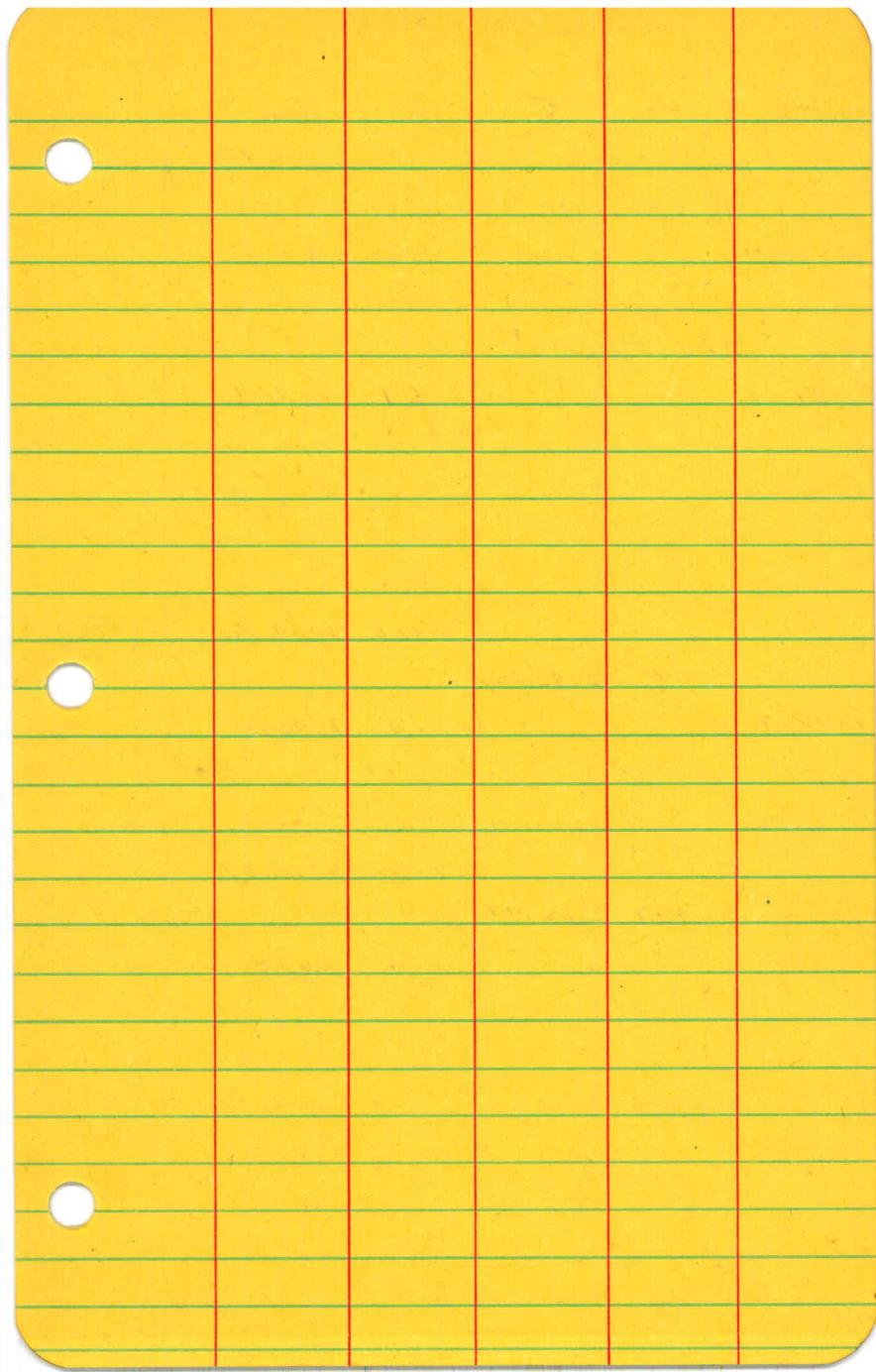
(Old Stationing)

Party - Leach
Rau et.

Sta	+	T	-	El.	
				1936.102	B.M.#16
	2.082	1938.184			
			13.087	1925.097	phon rock. T.P.(H)
	0.675	1925.772			
			13.048	1912.724	
	1.278	1914.002			
			11.864	1902.118	
	0.175	1902.293			
145+151 ⁰			9.140	1893.153	
				1925.097	phon rock. T.P.(H)
	11.797	1936.894			
			0.224	1936.670	
	12.153	1948.823			
146+50			10.1	1938.7	
			0.219	1948.604	
	12.422	1961.026			
147+00			3.0	1958.0	81 26 22 09
			0.342	1960.684	
	12.860	1973.544			
+210 ²			9.7	1963.8	
+50			5.0	1968.5	
			0.699	1972.845	
	12.719	1985.564			

(El. of Hub set for 1900 ft. Center
Point.)

Sta.	+	π	-	EI.
		1985.564		
			0.393	1985.171
	12.960	1998.131		
			0.416	1997.715
	11.794	2009.509		
148+50			4.1	2005.4
			0.446	2009.063
	12.597	2021.660		
			0.198	2021.462
	12.824	2034.286		
			0.221	2034.065
	12.891	2046.956		
149+50			1.6	2045.4
			0.208	2046.748
	12.733	2059.481		
			0.449	2059.032
	12.365	2071.397		
150+00			7.6	2063.8
			0.352	2071.045
	13.073	2084.118		
			0.218	2083.900
	12.219	2096.119		
			0.186	2095.933
	13.091	2109.024		
			0.227	2108.797



Sta.	+	T	-	El.
				2108.797
	12.881	2121.678		
151+50			11.8	2109.9
			0.247	2121.431
	12.536	2133.967		
152+00			4.4	2129.6
+06			1.2	2132.8
+26			2.0	2132.6
			1.405	2132.662 B.M.#17
	9.785	2142.347		
152+37			1.420	2140.927
	12.807	2153.734		
152+50			5.5	2148.2
			0.307	2153.427
	11.837	2165.264		
			0.242	2165.022
	12.438	2177.460		
			0.264	2177.196
	11.935	2189.131		
153+50			0.284	2188.847
	11.365	2200.212		
			1.151	2199.061
	4.672	2203.733		

Edge of Road

Edge of Road.

Sta.	+	\bar{T}	-	El.
		2203.733		
154+09			1.337	2202.396
	+32 ⁴²		5.3	2198.4
	+50		10.6	2193.1
			12.514	2191.219
		0.603		2191.822
			12.090	2179.732
		0.235		2179.967
155+00			5.4	2174.6
			13.079	2166.888
		0.816		2167.704
			12.922	2159.782
		0.682		2155.464
			13.057	2142.407
		0.397		2142.804
156+00			2.9	2139.9
	+32		16.9	2125.9
			10.157	2132.647
		3.282		2135.929
158+00			13.9	2122.0
159+50			10.1	2125.8

Checked on Triangulation Point
El. Marked on Pole = 2202.39.

Sta.	+	π	-	El.
		2135.929		
			12.779	2123.150
	1.968	2125.118		
160+00			5.4	2119.7
			12.968	2112.150
	0.585	2112.735		
+50			5.2	2107.5
+70			13.1	2099.6
161+42			16.6	2096.1
+50			13.0	2099.7
162+00			8.357	2104.378
	4.582	2108.960		
+50			4.0	2105.0
163+50			11.2	2097.8
			11.206	2097.754
	2.090	2099.845		
			13.038	2086.807
	0.521	2087.328		
			12.991	2074.337
	0.693	2075.030		
165+50			5.8	2069.2

Edge of Road

Edge of Road.

Sta.	+	π	-	El.
		2075.030		
			9.517	2065.513 BM #32
	6.260	2071.773		
166+00			6.8	2065.0
			4.6	2067.2
167+79 ²			13.015	2058.758
	1.345	2060.103		
168+50			12.7	2047.4
			12.920	2047.183
	0.181	2047.364		
169+50			11.7	2036.2
			13.088	2034.276
	0.942	2035.218		
170+03 ³			6.1	2029.1
			12.416	2022.802
	0.315	2023.117		
170+50			5.8	2017.3
			12.912	2010.205
	0.281	2010.486		
			12.909	1997.582
	0.254	1997.836		
171+50			6.5	1991.3
			12.928	1984.908

Nail in Hub. (On edge of Road)

Sta.	+	π	-	El.
				1984.908
	0.360	1985.268		
172+24			14.5	1970.8
			12.087	1973.181
	2.336	1975.517		
			12.687	1962.830 B.M. #16.

Profile Levels 2

From Sta. 171400

To Sta.

(New Stationing)

Party Lead
Roper.

Aug 30, 1927.

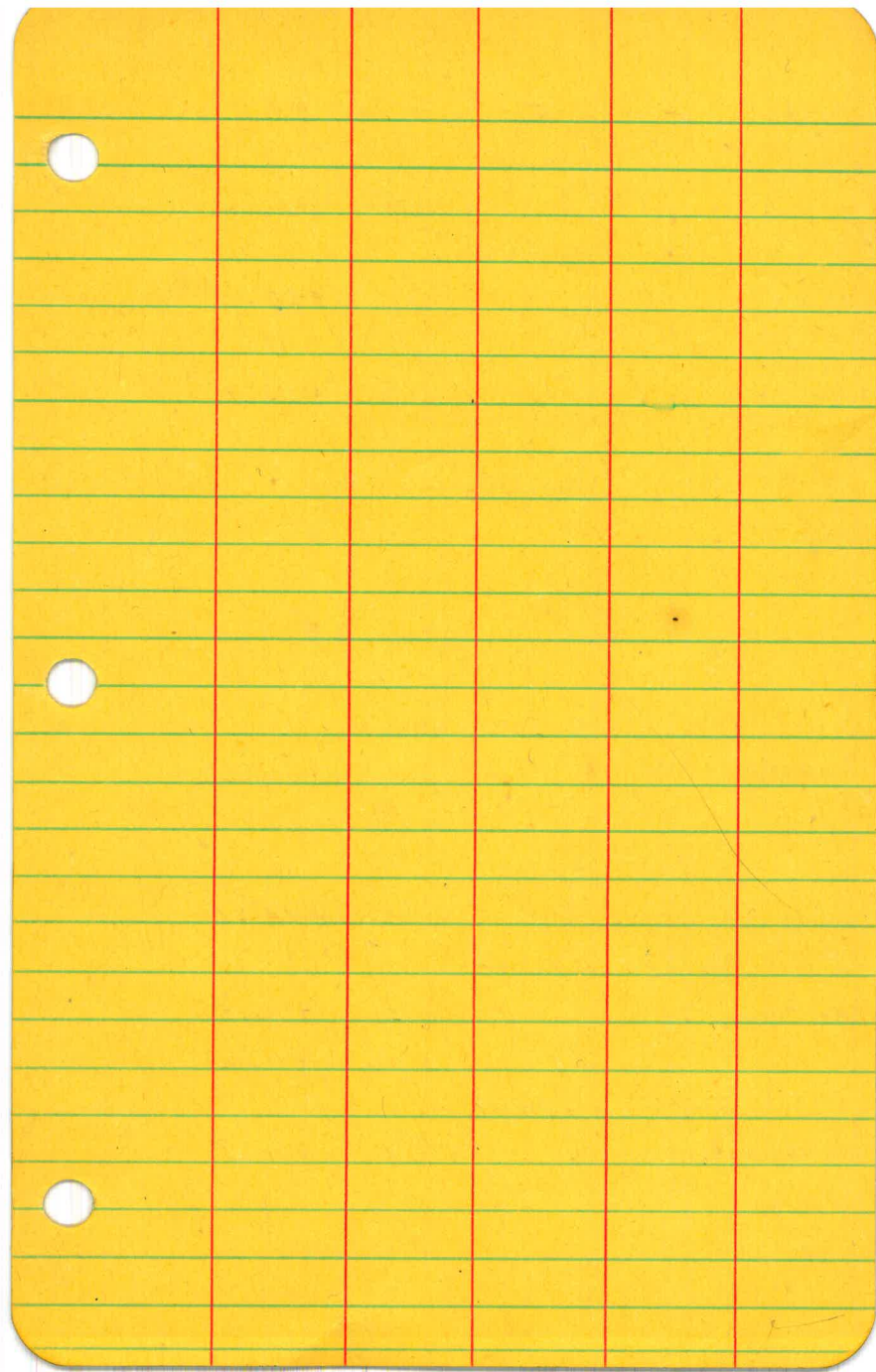
Sta.	+	T	-	El.	
Aug. 30, 1927				1962.82	B.N.#6
	0.32	1963.14			
171+00			1.6	1961.5	
			12.90	1950.24	
	0.48	1950.72			
+87 ⁶⁵ P.O.T.			9.8	1940.9	
			12.71	1938.01	
	0.01	1938.02			
172+00			4.1	1933.7	
			12.90	1925.12	
	0.27	1925.39			
			12.73	1912.66	
173+02 04	1.44	1914.10			
172+97 62			13.0	1901.1	✓
			13.02	1901.08	
	5.50	1906.58			
173+50			10.0	1896.6	✓
+64			5.6	1901.0	✓
174+00			12.1	1894.5	✓
+22			14.6	1891.8	✓
			0.20	1906.38	
	12.11	1918.49			

Party-Leach.
Rauner

Sta.	+	π	-	El.
		1911.849		
174+50			9.5	1909.0 ✓
+82 rd P.C.T.			2.7	1915.5 ✓
175+00			6.4	1912.1 ✓
Aug. 31, 1927.			12.50	1905.99 T.P.
	0.81	1906.80		
175+50			14.4	1892.4 ✓
			0.81	1905.79
	10.75	1916.74		
176+00			3.6	1913.1 ✓
+37 th			5.6	1911.1 ✓
+50			6.5	1910.2 ✓
+75			8.5	1908.2 ✓
177+00			9.3	1907.4 ✓
+17 th			10.8	1905.9 ✓
			12.79	1903.95
	7.30	1911.25		
+50			9.4	1901.8 ✓

Party - Leach
- Roanoke

Sta	+	π	-	El.
		1911.25		
178+00			6.0	1905.2 ✓
+50			5.9	1905.3 ✓
179+00			7.2	1904.0 ✓
+50			8.2	1903.0 ✓
+93	⁶³ B.C.		4.5	1906.7 ✓
180+00			2.4	1908.8 ✓
+25			7.0	1909.2 ✓
+38	⁶² E.C.		10.6	1900.6 ✓
T.P.			12.56	1898.69
	0.19	1898.88		
180+50			2.4	1896.5 ✓
T.P.			12.82	1886.06
	0.28	1886.34		
181+00			3.9	1882.7 ✓
T.P.			12.60	1873.74
	0.26	1874.00		
+50			2.5	1871.5 ✓



Sta	+	T	-	E.L.
		1874.00		
			13.08	1860.92
	1.44	1862.26		
182+00			4.4	1858.0 ✓
	+50		8.5	1853.9 ✓
			12.95	1849.41
	0.47	1849.88		
183+00			7.6	1842.3 ✓
	+13		13.8	1836.1
			0.39	1849.49
	12.97	1862.46		
	+50		6.9	1855.6
			0.14	1862.32
	12.05	1874.37		
			0.12	1874.25
	12.83	1887.08		
184+00			10.3	1876.8
			0.06	1887.02
	11.35	1898.37		
+31 64 B.C.			7.7	1890.7
	+33		5.0	1893.4

4. Creek. Drainage Right.

1st Edge of Road.

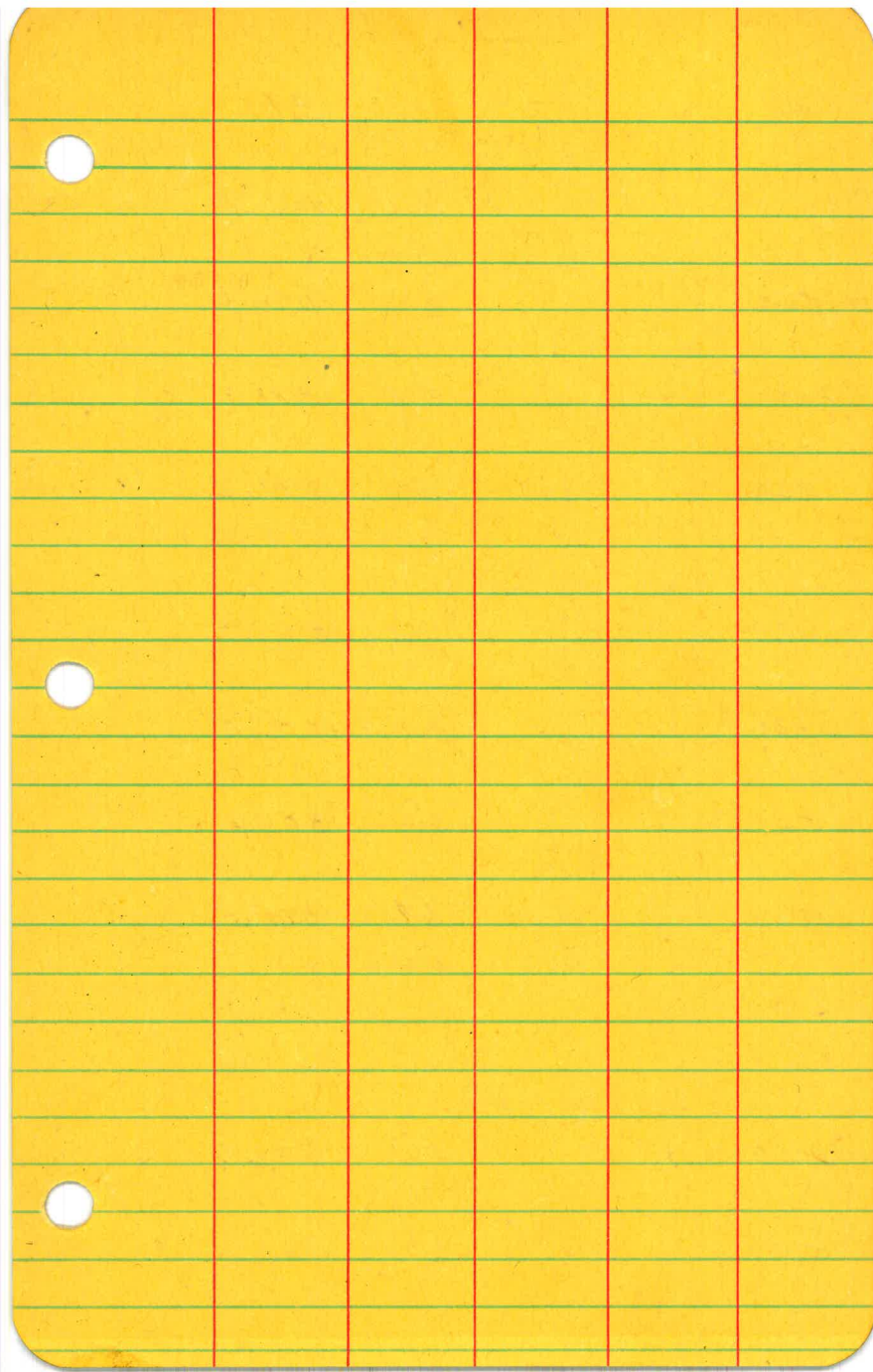
Sta.	+	T	-	El.
		1898.87		
184+50			5.1	1893.3
			1.91	1896.46
	12.74	1909.20		
+75			6.4	1902.8
185+00			3.9	1905.3
			1.47	1907.73
	5.38	1913.11		
+25			6.3	1906.8
+29 ⁴⁹			6.3	1906.8
			7.04	1906.07 B.M.#20
+39 ³⁵ B.C.			6.3	1906.8
+50			6.7	1906.4
+68 ⁵⁶ E.C.			3.9	1909.2
186+00			5.4	1907.7
			7.55	1905.56
	2.20	1907.76		
+50			11.7	1896.1
187+00			8.5	1899.3

Edge of Road.

Correct El = 1906.071

Edge of Road.

Sta.	+	T	-	El.
		1907.76		
			0.71	1907.05
	3.12	1910.17		
187+50			3.3	1906.9
188+00			5.3	1904.9
+04 ⁵ P.I.			6.6	1903.6
+50			10.0	1900.2
			13.04	1897.13
	0.53	1897.66		
189+00			8.6	1888.9
+50			8.3	1889.4
+70			7.9	1889.8
			0.53	1897.13
	10.19	1907.32		
190+00			6.1	1901.2
+19 ⁴⁵ P.I.			9.1	1898.2
+50			6.8	1900.5



Sta.	+	π	-	El.
		1907.32		
190+99 ²⁰	P.O.T.		3.5	1903.8
191+50			8.7	1898.6
192+00			8.5	1898.8
+33			8.0	1899.3
			8.86	1898.46
	4.55	1903.01 ^y		
+50			13.1	1889.9
193+00			13.2	1889.8
+34			13.4	1889.6
+50			7.7	1895.3
			1.2	
194+00			1.6	1901.4
			1.97	1901.09
	1.83	1903.87		
+50			11.7	1892.2
+76			15.4	1888.5

Edge of Road.

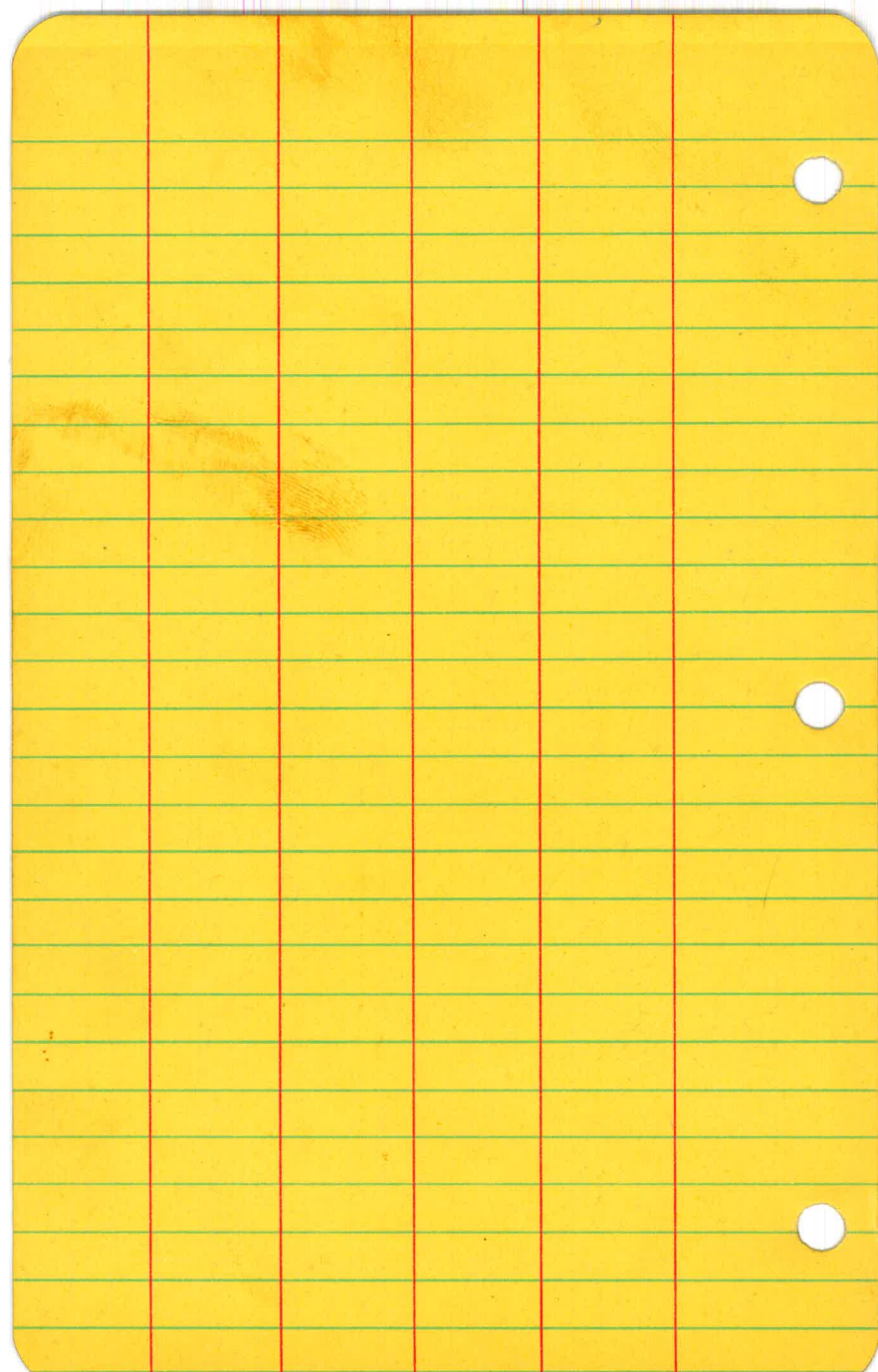
In Road

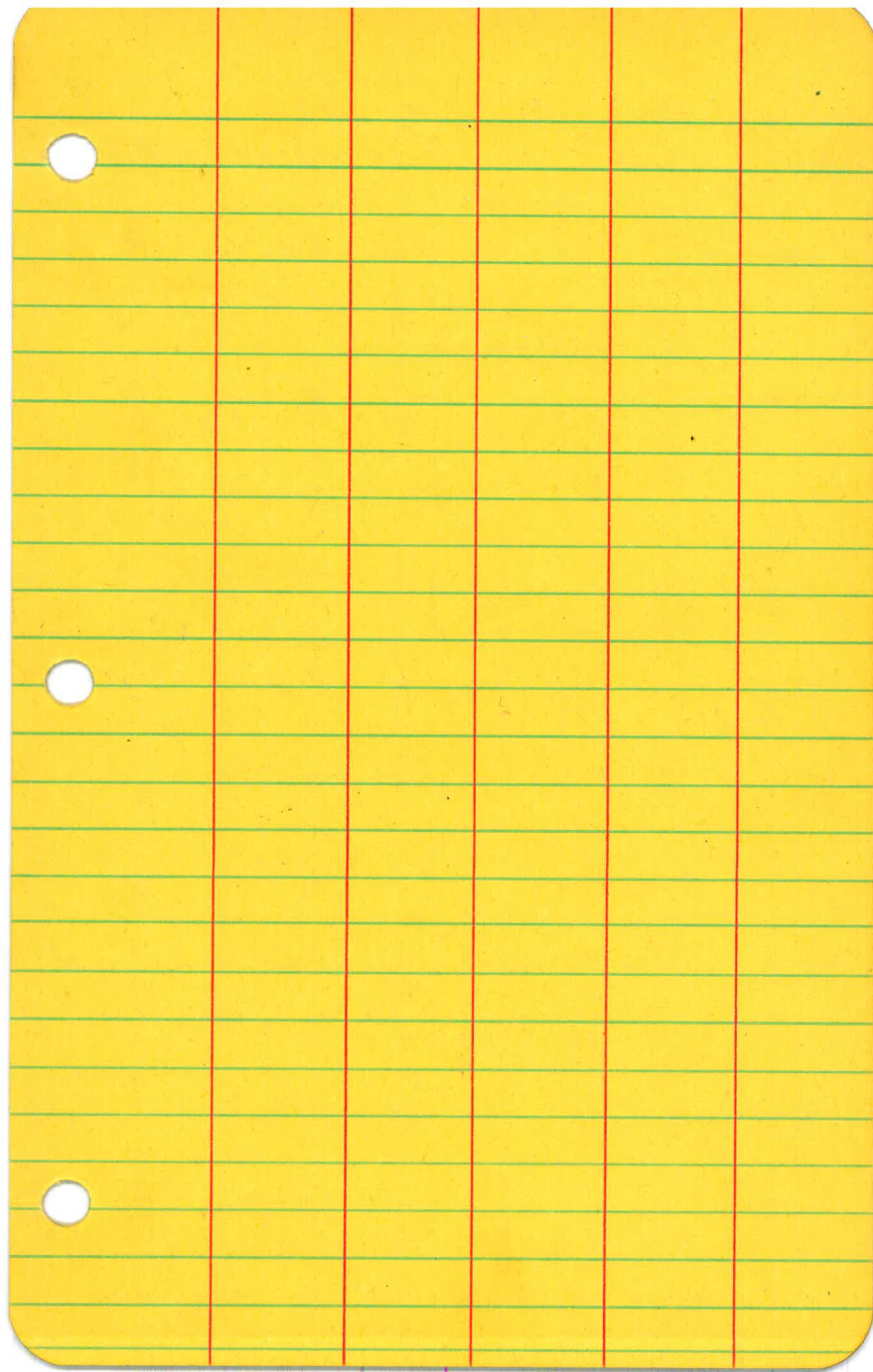
Edge of Road.

Sta.	+	T	-	El.
		1903.87		
195+00			3.7	1900.2
+44 ⁶ B.C.			5.1	1898.8
+50			6.5	1897.4
			12.88	1890.99
	4.64	1895.63		
+75			5.6	1890.0
+92 ⁹³			5.0	1890.6
196+00			5.0	1890.6
+50			5.4	1890.2
197+00			1.0	1894.6
+50			+0.8	1896.4
+57			6.0	1889.6
			5.96	1889.67
	4.62	1894.29		
			.27	1894.02 B.M.#21

Edge of Road.

Correct El. = 1893.99





Sta.	+	π	-	El.
197+57	Last Sta			1893.99 B.M.#21
	0.16	1894.15		
+85			4.4	1889.8
			12.99	1881.16
	0.43	1881.59		
198+00			2.9	1878.7
+13			9.6	1872.0
+29			2.0	1879.6
+50			9.2	1872.4
+80			19.3	1862.3
198 ⁰³	B.C.		3.6	1878.0
199+00			2.9	1878.7
			3.63	1877.96
	10.71	1888.67		
+25			2.7	1886.0
+50			3.1	1885.6
			12.63	1876.04
	0.00	1876.04		

6.
Clear and Hgt.

Party Leach
Rauner

Edge of Road.

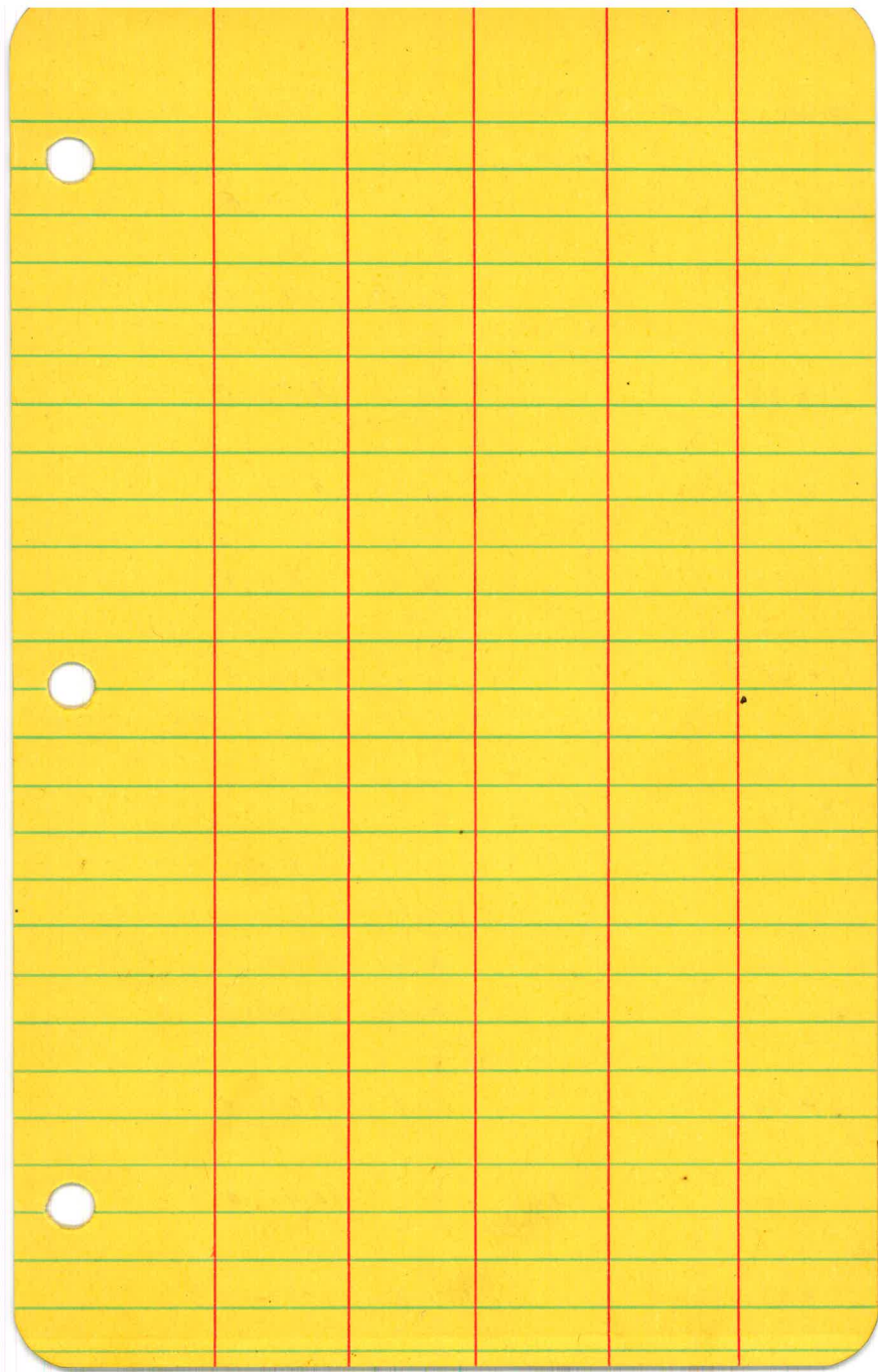
± wash. Drainage Right

Sta	+	π	-	El.
		1876.09		
199+75			6.1	1869.9
+77 ⁵⁸ E.C.			8.1	1867.9
+88			12.9	1863.1
200+00			8.7	1867.3
			0.00	1876.09
	13.03	1889.07		
			0.33	1888.74
	9.94	1898.68		
200+34 ⁵⁶			9.9	1888.8
+50			8.2	1890.5
+74			8.2	1890.5
+81			4.9	1893.8
201+00			2.5	1896.2
			0.49	1898.19
	10.02	1908.21		
201+50			5.7	1902.5

Edge of Road.

Edge of Road

Sta.	+	T	-	El.
		1908.21		
201+75 ¹²	P.O.T.		4.4	1903.8
202+00			6.8	1901.4
+36	SB P.C.		8.4	1899.8
+50			8.2	1900.0
+75			7.9	1900.3
203+00			6.5	1901.7
			8.25	1899.96
	7.16	1907.12		
+25			6.6	1900.5
+50			8.4	1898.7
+52	2 ³		8.7	1898.4
204			8.5	1898.6
+18			11.6	1895.5
+50			5.0	1902.1



Sta.	+	T	-	El.
		1907.12		
204+55.99	B.C.		6.3	1900.8
+75			11.5	1895.6
+96			14.6	1892.5
205+00			12.5	1894.6
+25			3.4	1903.7
+31.74			3.2	1903.9
+50			2.6	1904.5
206+00			6.5	1900.6
+16			10.0	1897.1
			10.42	1896.70
		1.02		1897.72
+50			10.1	1887.6
207+00			6.3	1891.4
+50			1.4	1894.3

⊕ wash. Drainage Right

Sta.	+	T	-	El.
		1897.72		
			0.80	1896.92
	9.46	1906.38		
208			4.5	1901.9
	+50		4.3	1902.1
209+00			5.6	1900.8
	+50		6.2	1900.2
+66 ³³	B.C.		6.5	1899.9
+75			6.6	1899.8
			8.51	1897.87
	8.73	1906.60		
			1.49	1905.11 B.M#22
				1905.093 B.M#22
	1.493	1906.586		
210+00			7.8	1898.8
+25 ✓			11.3	1895.3
+40 ⁵⁹			13.2	1893.4

$E_1 = 1905.09$

Sta.	+	T	-	E.I.
		12.402 1906.586		
			12.895	1893.691 T.P.
	0.50	1894.19		
210+50			5.1	1883.1
			12.89	1881.30
	0.66	1881.96		
			12.40	1869.50
	2.74	1872.30		
210+91			11.7	1860.6
211+00			3.5	1868.8
				1893.691 T.P.
	11.186	1904.877		
211+50			11.1	1893.8
+98 ⁵⁵ B.C.			7.6	1897.3
212+00			7.5	1897.4
+25			5.9	1899.0
+50			5.6	1899.3
+51 ⁷² E.C.			5.6	1899.3

Boat Spike near Sta. 210+40.

± wash. Drainage Right.

At Sta. 210+40

Sta.	+	π	-	El.
		1909.877		
213+00			8.5	1896.4
+50			3.7	1901.2
214+00			2.0	1902.9
			2.732	1902.145
	0.801	1902.946		
+50			5.5	1897.4
+81 ^{1/2} B.C.			11.0	1891.9
			12.916	1890.030
	2.041	1892.011		
215+00			2.6	1889.5
+25 ^{1/2}			4.9	1887.2
+50			5.6	1886.5
			12.855	1879.216
	4.115	1883.331		
216+00			10.4	1872.9
+30			14.3	1869.0
+50			6.3	1877.0

128
15
3

Base of small rock.

Sta.	+	π	-	El.
		1883.331		
217+00			1.0	1882.3
			0.291	1883.040
	11.737	1894.777		
+50			6.2	1888.6
			1.470	1893.307
	12.722	1906.029		
218+00			8.8	1895.2 1897.2
+50			2.6	1903.4
			0.443	1905.586
	5.541	1911.127		
			0.462	1910.665 B.M.#23

Balanced El. = 1910.662

Sta.	+	T	-	EI.
Sept. 2, 1927				1910.662 B.M. #23
	1.495	1912.157		
219+00			5.8	1906.4
+14 ^{1/2} B.C.			11.4	1900.8
			12.979	1899.178
	0.523	1899.701		
+25			1.7	1898.0
+50			2.7	1897.0
+75			4.7	1895.0
+86 ^{1/2}			5.1	1894.6
220+00			6.4	1893.3
			0.510	1899.191
	10.419	1909.610		
220+50			6.9	1902.7
+81			5.8	1903.8
221+00			13.7	1895.9
+44 ^{2/3} B.C.			7.2	1902.4

Sept. 2, 1927. Clear and Warm, Party Leach.
Raunet.

123

Sta.	+	T	-	E.L.
		1909.610		
			0.310	1909.300
	3.836	1913.136		
221+50			7.8	1905.3
			0.9	1912.2
222+00			2.6	1910.5
			11.2	1901.9
			10.021	1903.115 T.P.
	0.01	1903.12		
			11.4	1891.7
			11.66	1891.46
	0.20	1891.66		
	159 ⁶⁰ E.C.		8.7	1883.0
223+00			6.2	1885.5
				1903.115
	11.868	1914.983		
223+50			11.0	1904.0
224			5.0	1910.0

T.P. near Sta. 222+30.

Sta.	+	π	-	El.
		1914.983		
224+50			7.4	1907.6
			0.131	1914.852
	9.872	1924.724		
225+00			6.0	1918.7
	+50		4.5	1920.2
			12.710	1912.014 B.M #24
	1.655	1913.669		
226+00			2.7	1911.0
	+07 ⁸⁴		4.8	1908.9
	+25		10.5	1903.2
			12.645	1901.024
	0.087	1901.111		
+50			6.2	1894.9
	+75		9.8	1891.3
			12.577	1888.534
	0.234	1888.768		
+94 ⁹³			2.3	1886.5
227+00			3.7	1885.1

Spike 17 rec A 20' R Sta. 226707

Sta.	+	π	-	El.
		1886.765		
			12.170	1876.598 T.P.
	1.45	1878.05		
227+47			15.1	1862.9
				1876.598 T.P.
	11.210	1887.808		
+80 ⁵⁰ B.C.			7.0	1880.8
			1.430	1886.378
	12.159	1898.537		
228+00			5.4	1893.1
Sept. 6, 1927			0.045	1898.192 T.P.
	10.961	1909.953		
+25			6.9	1902.6
+40 ⁴ F.C.			3.6	1905.9
+50			2.5	1906.7
229+00			9.2	1900.3
			12.693	1896.760
	0.40	1897.16		
+50			10.6	1886.6
+54 ⁵³ B.C.			12.7	1884.5

Clear and warm

Party,

Leach.

Rauner.

Sept. 6, 1927.

Near Sta. 227+25

± wash. Drainage Right.

Near Sta. 227+25

Near Sta. 228+12²⁵

Near Sta. 229+25

Sta	+	π	-	El.	
		1897.16			
229+70			20.9	1876.3	Mistake
	+75		16.6	1880.6	
				1896.760	T.P.
	8.700	1905.460			
230+00			9.7	1895.8	
	+25		6.1	1899.4	
	+50		4.2	1901.3	
	+56 ⁴⁵		5.7	1899.8	
231+00			10.2	1895.3	
	+08		16.6	1888.9	Mistake
	+50		9.8	1895.7	
	+52 ⁶⁰	B.C.	10.0	1895.5	
	+75		10.7	1894.8	
			12.488	1892.972	
	9.615	1902.590			

Near Sta. 229+25

Sta.	+	T	-	El.
		1902.570		
232+00			8.5	1894.1
+25			4.4	1898.2
+50			3.7	1898.9
+55	F.C.		4.3	1898.3
233+00			12.5	1890.1
+50			20.1	1882.5
234			13.8	1888.8
+50			3.9	1898.7
			4.250	1899.340
		3.166		1901.506
235+00			9.0	1892.5
+50			10.3	1891.2
			0.572	1900.734 B.M. # 25

$$\begin{array}{r} 1902.570 \\ - 12.22 \\ \hline 1890.350 \end{array}$$

Boat Spike in ground 18' Left
of Sta 235775

Sta.	+	T	-	E.I.	
				1900.939	
	0.552	1901.491			
235+90			7.4	1894.1	
236			10.6	1890.9	
			13.022	1888.469	
	0.055	1888.524			
			12.732	1875.792	
	1.554	1877.346			
+50			6.7	1870.6	On rock.
			12.690	1864.656	
	0.675	1865.331			
Sept 7, 1927			9.532	1855.799	T.P.
	3.82	1859.62			
			13.08	1846.54	
	2.42	1848.96			
			12.38	1836.58	
	0.20	1836.78			
237+00			3.7	1833.1	
			11.84	1824.94	
	2.26	1827.20			
+51 ⁰⁸			6.2	1821.0	
238			13.1	1814.1	

Clear and warm. Party
Sept. 6, 1927.

Leach,
Rauber.

Near Sta. 236775

Sta.	+	π	-	El.	
				1855.799	T.P.
	11.175	1866.974			
			0.270	1866.704	
	12.831	1879.535			
238+50					Skiped
239+00			5.1	1874.8	
			0.255	1879.280	
	12.550	1891.830			
239+50			0.0	1891.8	
			0.157	1891.673	
	11.701	1903.374			
+74 ⁶⁷	B.C.		7.1	1896.3	
240+00			5.5	1897.9	
+19 ³²	E.C.		7.9	1895.5	
			1.317 ⁶	1902.058	B.M [#] 26
	1.317	1902.375			
			12.660	1890.715	
	0.582	1891.297			
150			3.4	1887.9	
			12.650	1878.647	T.P.
	0.260	1878.907			
			12.3 ³⁹	1866.168	
241+00			7.8	1871.1	

Near Sta. 236+75 (See Preceding
Page)

Constant Slope.

Spike in ground 20' L Sta. 240+00.

Near Sta. 240+75

Sta	+	π	-	El.
				1866.168
	0.37	1866.54		
241+91			14.8	1851.7
+50			10.1	1856.4
173 ⁵²	B.C.		8.1	1858.4 1878.4
				1878.647 T.P.
	12.499	1891.091		
242+00			17.1	1874.0
+25			11.3	1879.8
+50			1.0	1890.1
			2.489	1888.602
	6.011	1894.613		
+64 ⁸⁹	E.C.		5.7	1889.1 1888.9
243+00			3.6	1891.0
+50			9.4	1885.2
244+00			8.2	1886.4

Near Sta. 240975

At base of rock.

Sta.	+	π	-	EI.
		1894.613		
244+50			7.5	1887.1
+89 ⁸⁰			11.3	1883.3
+99 ⁶⁷	B.C.		13.2	1881.4
			10.946	1883.667 T.P.
	0.03	1883.70		
245+25			10.0	18737
			12.99	1870.71
	0.60	1871.31		
+50			10.1	1861.2
+75			12.6	1858.7
246+00			1.4	1869.9
				1883.667 T.P.
	12.096	1875.763		
+20 ⁵⁷	E.C.		19.0	1876.8
+50			7.7	1888.1
			7.050	1888.713
	12.904	1901.617		
+86 ⁸³			4.5	1897.1

5' Left Sta. 245+00

5' Left Sta. 245+00

On rock.

Sta.	+	π	-	El.
		1901.617		
247+00			4.7	1896.9
+50			8.1	1893.5
+57 ⁶⁸			9.5	1892.1
			10.082	1891.535 T.P.
+7	10.383	1901.918		
247+75			11.2	1890.7
248+00			10.8	1891.1
+25			14.4	1887.5
+50			16.6	1885.3
+77 ²³			12.5	1889.4
249+00			9.7	1892.2
+25			7.7	1894.2
			11.475	1890.443 B.M.#21

Cloudy and warm

Party Leach
Bate.

Sept. 20, 1927

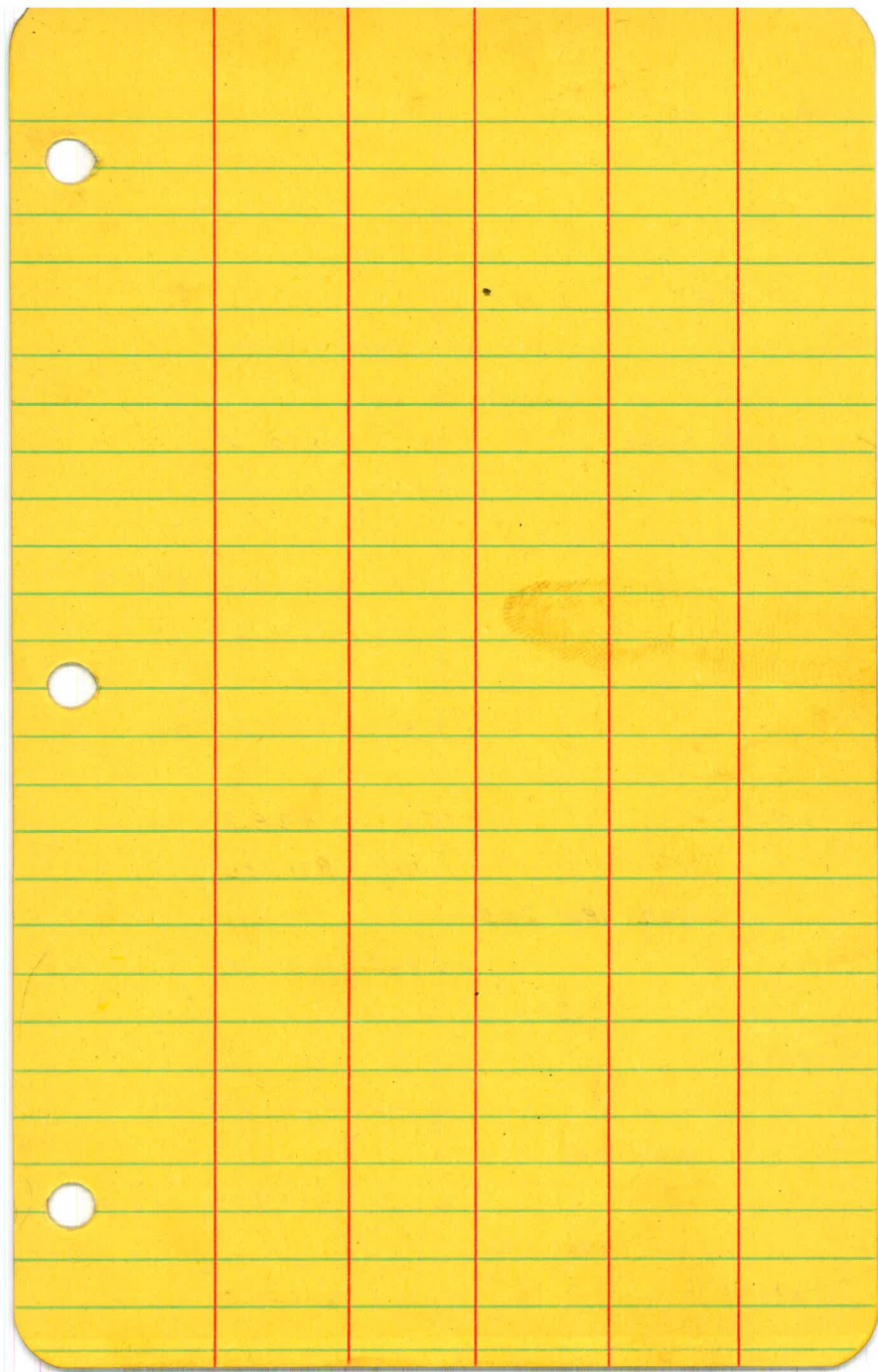
On rock.

Near Sta. 247+80.

Phon rock. 40' R Sta. 249+25

Correct Elev. = 1890.446.

Sta.	+	7	-	El.	
				1890.446	BM#27
	11.475	1901.921			
			3.720	1898.201	
	9.790	1907.991			
249+50			10.7	1897.3	
	7.75		8.9	1898.1	1899.1
	+96 ⁷⁸		4.3	1903.7	
250+00			4.4	1903.6	
	+50		17.9	1890.1	
	+96 ⁴⁶		19.9	1888.1	
			11.885	1896.106	T.P.
	5.180	1901.286			
251+50			16.2	1885.1	
			12.585	1885.701	
	1.360	1890.061			
252			4.3	1885.8	✓
	+10 ⁶⁵		6.4	1883.6	1883.7
	+25		7.6	1882.4	1882.5



Sta	+	π	-	El
		1890.061		
252+50			18.0	1872.1
+56 ⁵² F.C.			17.8	1872.3
			12.562	1877.999
	2.066	1879.565		
252+66 ⁵² F.C.			8.7	1870.9
			12.667	1866.898
	0.212	1867.110		
253+00			11.4	1845.7 1855.7
			12.913	1859.197
	1.253	1855.450		
			12.894	1842.556
	0.776	1843.332		
+50			15.1	1828.2
			11.889	1831.493
	0.522	1831.965		
			12.742	1819.223
	3.133	1822.356		
254+00			10.8	1811.6
			11.977	1810.379
	0.644	1811.023		
			12.551	1798.472
	0.083	1798.555		
+39 ²⁴			6.6	1792.0

Blue Keel mark on Rock.

Blue Keel mark on Rock.

Sta.	+	π	-	E.I.
		1798.555		
			11.045	1787.510
	0.592	1788.102		
254+50			7.2	1780.9
			9.829	1778.273
	2.140	1780.413		
254+60			14.7	1765.7
255+00			9.4	1771.0
Sept 21, 1979			0.320	1780.093 T.P.
	10.176	1790.269		
255+50			2.2	1788.1
OT.P.			0.425	1789.844
	11.336	1801.180		
OT.P.			.701	1800.479
	11.771	1812.250		
OT.P.			.998	1811.525
	7.123	1818.375		
256+00			2.2	1816.2
OT.P.			1.781	1816.594
	12.907	1829.501		
OT.P.			0.575	1828.926

T Bate
Rad. Leach
Clear, Hot Windy

Blue Keel mark on rock.
Nail in Tree 5' to Sta. 255+30

	+	H ₁	-	Elev.
OT.P		182950	0.575	1828.926
	12.700	1841.626		
OT.P			2.615	1839.011
	11.253	1850.264		
256+50			4.9	1845.4
OT.P			0.276	1849.988
	12.871	1862.859		
OT.P			0.010	1862.849
	11.731	1874.580		
256+00			10.164	1864.416
257+00			9.1	1865.5
257+50			2.3	1872.3
OT.P			0.040	1874.540
	12.484	1887.024		
258+00			4.7	1882.3
OT.P			1.408	1885.616
	7.879	1893.495		
258+39.02			1.6	1891.9

on Hub P.O.T. \rightarrow 256+95

POT

	+	HI.	-	ELY
		1893.495		
258+50			2.7	1890.8
250+00			6.8	1886.7
OT, P,			2.162	1891.333
9870	1901.203			
BM-28			1.286	1899.217
OT, P				1891.333
5.141	1896.474			
253+50			9.2	1887.3
260+00			7.1	1889.4
260+21			11.3	1885.2
260+38.58 BC			6.7	1889.8
260+50			5.3	1891.2
+ 95			6.3	1890.2

Iron Spike in Rock 20'0 left + 258 + 80

	+	HI	-	FLY
		1896.474		
OT.P.			2,332	1894.142
	0.242	1894.384		
261+00			13.8	1880.6
+25			5.8	1886.6
+50			10.9	1883.5
+57.73 E.C.			12.9	1881.5
262+00			15.8	1878.4
OT.P.			12,829	1881.555
	1490	1883.045		
+50			8.2	1874.8
263+00			5.7	1877.3
+50			3.6	1879.4
264+00			4.5	1878.5

Base 7ft. Rock Keel Mark

Blue Keel Mark on Rock

	+	HI	-	Elev.
		1883.045		
264+19.97 B.C.			5.7	1877.3
+25			6.2	1876.8
+50			12.1	1870.9
OT.P.			12.443	1870.602
	1.00	1871.60		
264+73.10 E.C.			7.8	1863.8
265+00			14.2	1857.4
OT.P.			12.32	1859.28
	0.54	1859.82		
+50			11.7	1848.1
266+00			6.1	1853.7
+50			6.7	1853.1

5' R 26A+50

Sta.	+	T	-	El.
Sept. 22, '27				1870.602 T.P.
	0.460	1871.062		
267+00			9.4	1861.7
+50			4.3	1866.8
+75			14.3	1856.8
+89			10.4	1860.7
268+00			13.8	1857.3
+15			18.2	1852.9
+50			14.1	1857.0
268+62 ⁴	R.C.		12.0	1859.1
+15			9.8	1861.3
269+00			5.4	1865.7
			1.297	1869.765
	12.940			
	12.984	1881.705		

Warm and Cloudy -

Party Leach.
Bate

Sept 22, 1927

5' R. Sta 264+50

Sta	+	T	-	El.
		1882.705		
269+25			10.1	1872.6
+50			6.3	1876.4
+58 th	F.C.		5.2	1877.5
270+00	P.O.T.		1.448	1881.257
+50			6.6	1876.1
+66 th	B.C.		8.5	1874.2
271+00			12.3	1870.4
			12.005	1870.700 T.P.
	0.40	1871.10		
271+33	F.C.		16.4	1859.7
+50			19.5	1851.6
				1870.700 T.P.
	8.680	1879.380		

Cor of Hub

Turning Pin.

± Wash Drainage Rt.

Turning Pin.

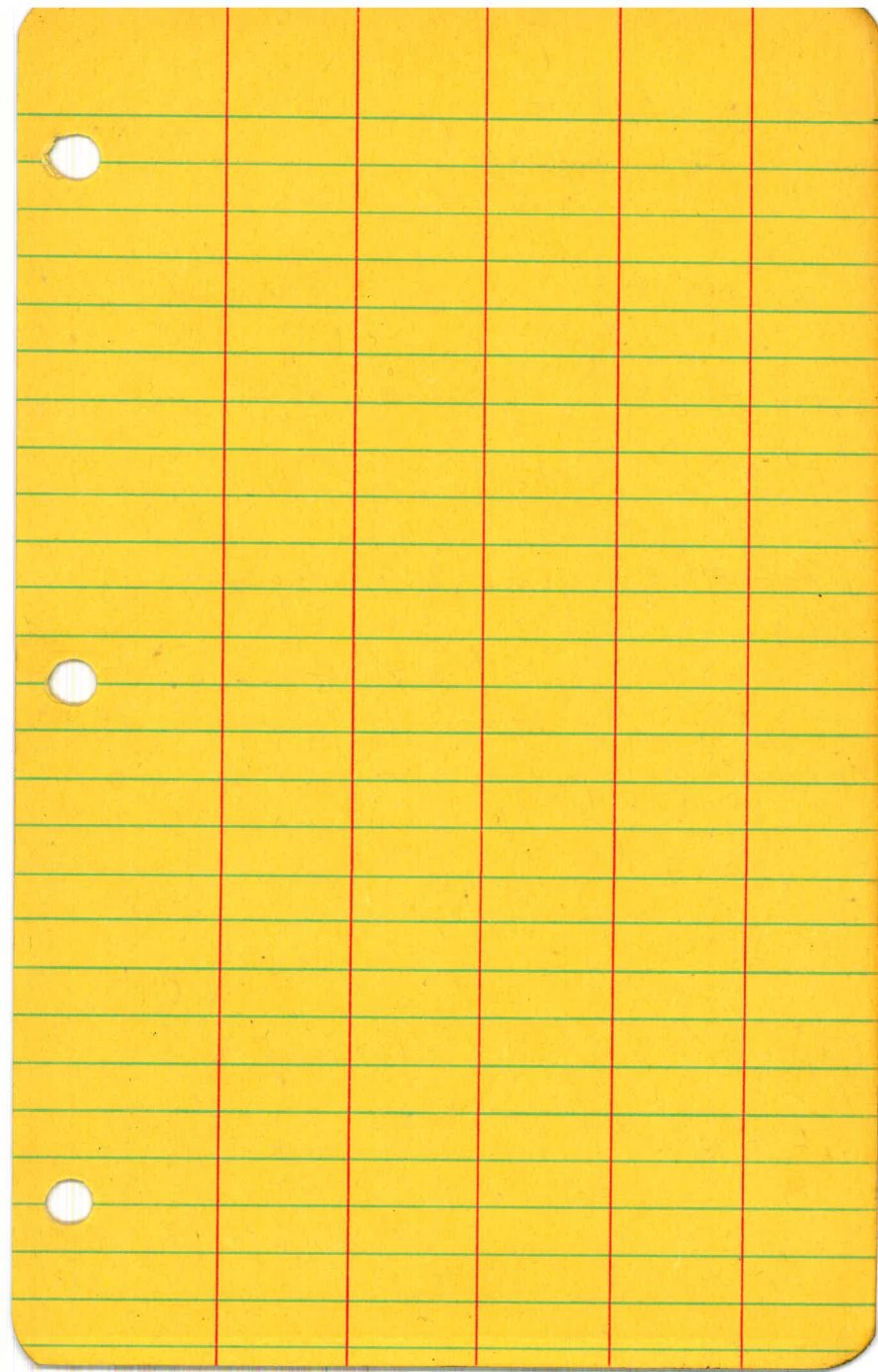
Sta.	+	π	-	E.I.
		1879.380		
272+00			15.8	1863.6
+50			7.1	1872.3
+88 ⁸³ B.C.			3.8	1875.6
273+00			3.3	1876.1
+25			3.6	1875.8
+36 ²³ E.C.			6.3	1873.1
+50			3.9	1875.5
274+00			3.1	1876.3
			2.264	1877.116
		13.046	1890.162	
			2.792	1887.370 B.M #29
+50			8.2	1882.0
275			1.4	1888.8

Spike in Rock. 30' L Sta. 273+13

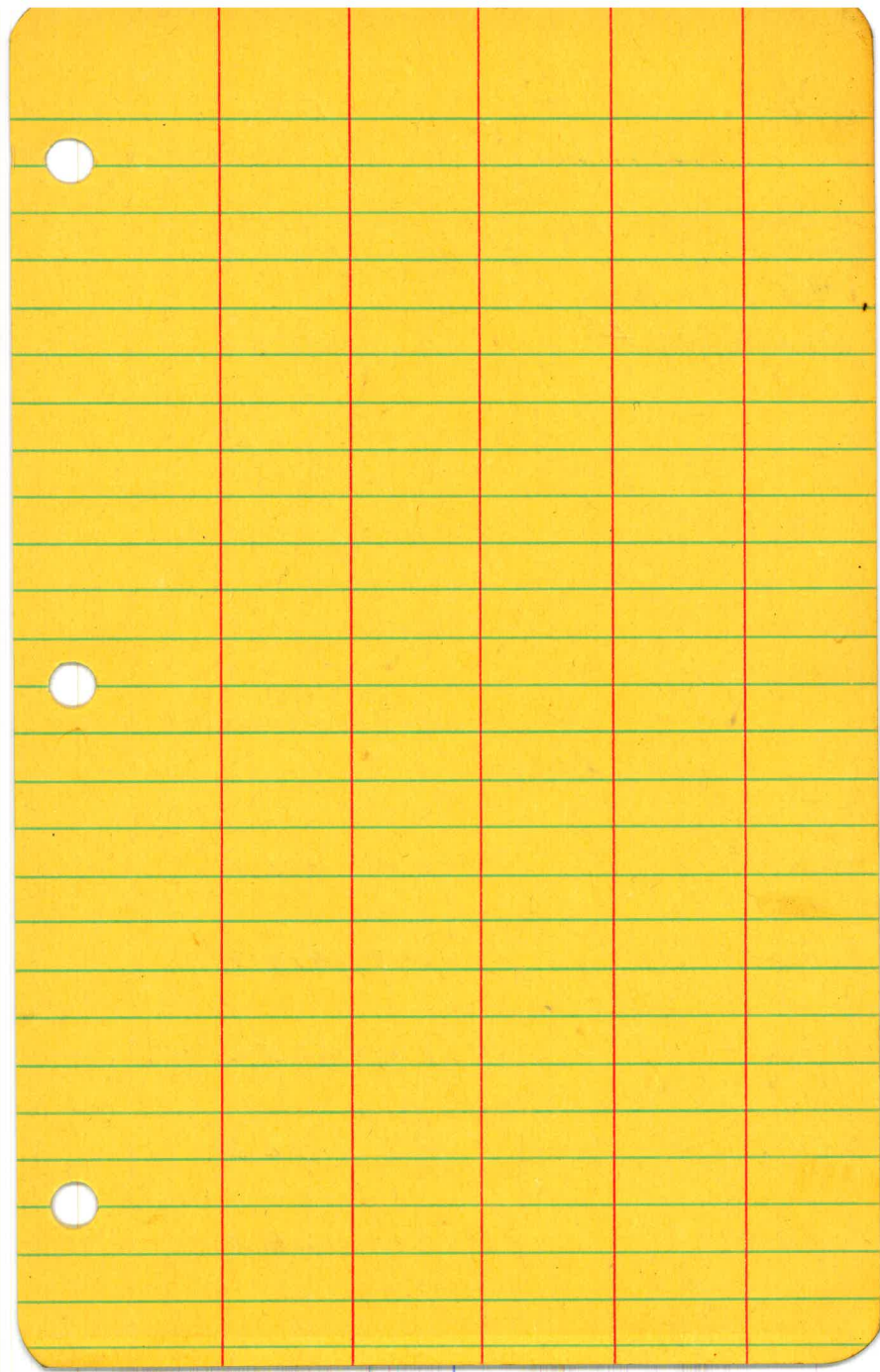
Sta.	+	T	-	El.
		1890.162		
			0.168	1889.994
	11.145	1901.139		
275+30 ⁰⁰	B.C.		7.7	1893.4
+50			11.1	1890.0
+75			6.2	1894.9
276+00			6.9	1894.2
+25			12.8	1888.3
+50			16.5	1884.6
			12.595	1888.544
		0.293		1888.837
276+75			6.2	1882.6
277+00			15.0	1873.8
+10 ⁹⁹			13.2	1875.6

Base of Rock.

Sta.	+	π	-	E.I.
		1888.837		
277+50			12.8	1876.0
			12.656	1876.181
	0.838	1877.019		
278+00			5.5	1871.5
+50			13.8	1863.2
			12.255	1864.764
	0.112	1864.876		
279+00			12.4	1852.5
+50			14.9	1850.0
+74 ⁹³	B.C.		17.8	1847.1
280+00			9.2	1855.7
			11.222	1853.654
	12.583	1866.237		



Sta.	+	T	-	T
		1866.237		
280+25			10.6	1855.6
+50			9.0	1857.2
+69 ⁹⁹	F.C.		9.8	1856.4
281+00			8.8	1857.4
+50 ⁹²	B.C.		6.0	1860.2
+75			5.7	1860.5
282+00			5.1	1860.6
+15 ⁹⁷	F.C.		3.7	1862.5
+50			5.3	1860.9
283+00			10.8	1855.4
+50			13.9	1852.3
284+00			11.0	1855.2



Sta.	+	T	-	E.I.
		1866.237		
Marked 284150		and 7' farther	9.7	1856.5
P.I. marked 284743		P.I. ↙	9.1	1857.1
285100			7.4	1858.8
+50			13.8	1852.4
286100			2.5	1863.7
Sept. 23, '27			1.657	1864.580
		12.472		1877.052
286442	80		3.4	1873.6 ⁷
+50			2.8	1874.2 ³
+69	71		1.4	1875.6 ⁷
287			4.7	1872.3 ⁴
+50			8.0	1869.1

Clear and Warm. Party Leach
Sept 23' Bate

Blue Keel mark on rock.

Sta	+	T	-	El.
		1877.052		
288+00			12.1	1865.0
			1.493	1875.559
	13.022	1888.581		
288+50			9.1	1879.5
+90	⁷⁵ B.C.		9.4	1879.2
289+00			7.0	1881.6
+25			2.2	1886.4
			0.772	1887.809 B.M# 30
+51	¹⁴ E.C.		0.1	1888.5
290			7.1	1881.5
			6.675	1881.906
	1.113	1883.019		
+47	³¹ B.C.		11.4	1871.6
+50			8.2	1874.8

Warm and clear.

Sept. 23, '27

Party

Leach.

Bate

on Rock.

Spike in ground. 15' L Sta. 287422

Sta	+	π	-	EL
		1883.019		
290+75			8.7	1874.3
290+92	⁸⁵		6.6	1876.4
291+00			6.7	1876.3
	+50		5.5	1877.5
292+00			7.0	1876.0
	+50		4.5	1878.5
			1.592	1851.927
		12.198		1893.625
293+00			10.7	1882.9
	+25	⁸³ B.C.	12.6	1881.0
	+50		4.5	1889.1
	+75		1.6	1892.0

Blue Keel mark on Rock.

Sta	+	T	-	El.
		1893.625		
			7.71	1885.914
	3.646	1889.500		
294 ⁰⁰			2.0	1887.5
	+05 ⁴⁰	E.C.	2.3	1887.2
	+50		7.7	1881.8
			11.646	1877.854
		2.366		1880.220
	+89 ²⁹	B.C.	16.2	1864.0
295 ⁵			15.9	1864.3
	+25		13.8	1866.1
	+50		11.0	1869.2
	+75		11.5	1868.7
	+81 ¹⁸	E.C.	12.2	1868.0

Blue Keel mark on Rock.

Sta.	+	T	-	El
		1880.220		
			12.409	1867.811
	9.150	1876.961		
296+00			12.0	1865.0 ✓
+50			17.1	1859.9
+95 ⁷²	B.C.		11.5	1865.5
297+00			20.2	1856.8
+25			2.0	1875.0 Keel mark.
+29 ⁵³			2.6	1874.2 Keel mark.
			0.292	1876.669
	11.467	1888.136		
297+50			9.4	1878.7
298+00			4.0	1884.1
+28 ⁷¹	B.C.		7.6	1880.5

Blue Keel marker rock.

Note 1 - Distance from
B.C. (Sta. 296+95²²) to E.C. Sta
(297+29⁵³) measures 45' ±.

Sta.	+	π	-	EL.
		1888.136		
298+50			9.1	1879.0
+75			16.4	1871.7
+82 ²⁰ E.C.			19.3	1868.8
299+00			10.5	1877.6
+50			4.1	1884.0
			4.064	1884.072
		12.763		1896.835
300+00			16.1	1886.7
+50			15.2	1881.6
301+00			14.3	1882.5
+50			4.1	1892.7
302+00			4.6	1892.2
			0.242	1896.593 B.M.#31

Spike in ground 20' L Sta. 301+50

Sta.	+	T	-	Elev.	
		1896.835			
			1.243	1895.592	T.P.
			12.43	1884.40	
	0.31	1884.71			
302+50			9.5	1875.2	
			12.83	1871.88	T.P.
	0.86	1872.74			
302+00			12.8	1859.9	
303+00			3.7	1863.0	
Sept. 24, '27				1871.88	T.P.
	12.69	1884.57			
303+50			3.0	1881.6	
				1895.592	T.P.
	8.083	1903.675			
304+00			10.2	1893.5	

clear and warm.

Party Leach,
Bate

Sept. 29, 1927

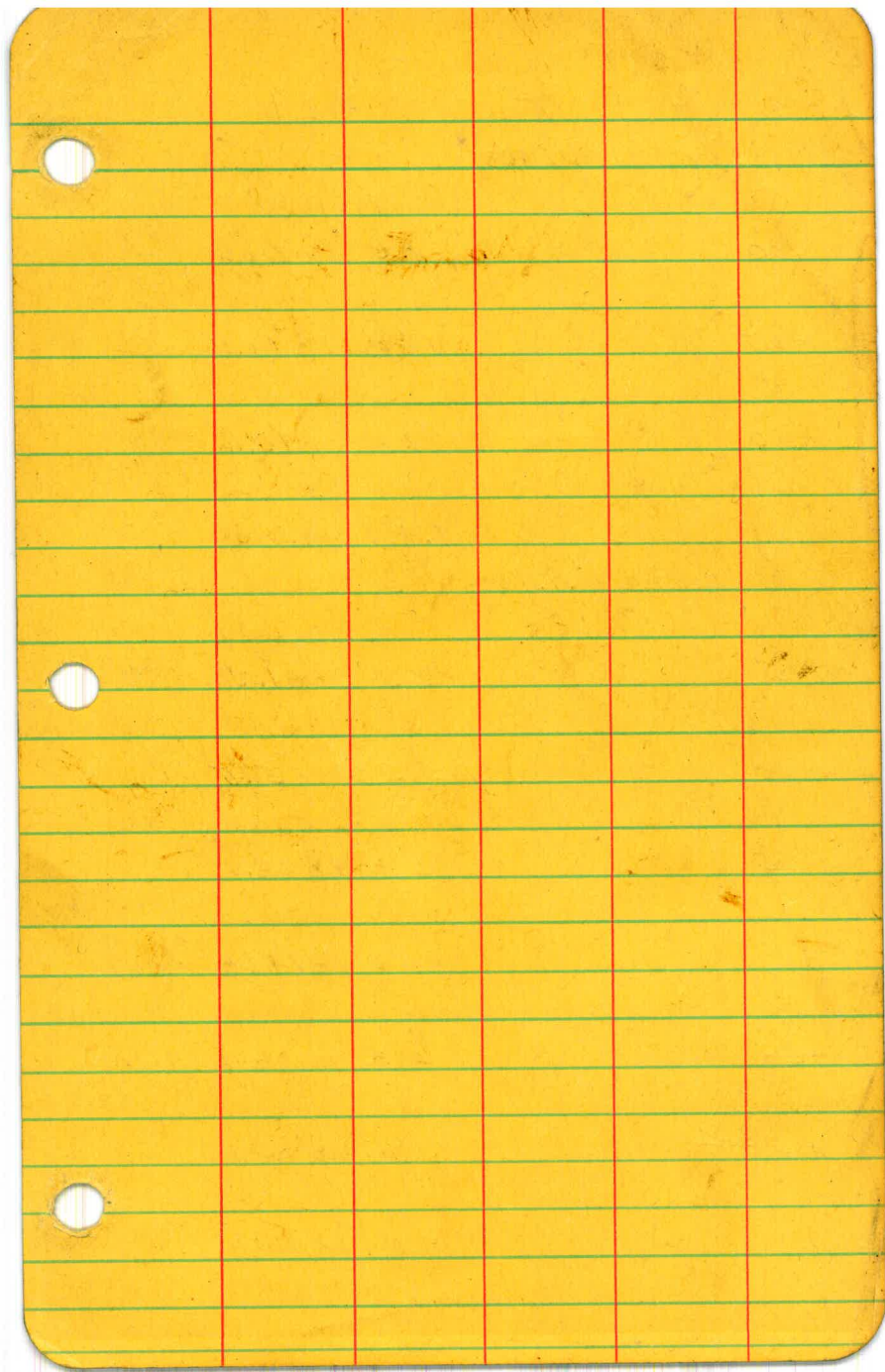
Near Sta. 302+00

Sta. 302+70.

± wash.

Near Sta. 302+00.

Sta.	T	T	-	E/
		1903.675		
304+48 ⁸⁵			4.8	1898.9
+50			4.7	1899.0
+75			5.8	1897.9
305+00			11.9	1891.8
+25			15.9	1887.8
+41 ⁵⁶			18.0	1885.7
305+50			19.6	1884.1
			12.964	1890.711
	1.752	1892.463		
306+00			10.3	1882.2
+50			18.8	1873.7
+69 ¹⁹			17.4	1875.1
+75			17.9	1875.6 1874.6



Sta.	+	T	-	E.L.
		1892.463		
307+00			18.9	1873.6
+25			14.8	1877.7
+50			12.9	1879.6
			7.425	1885.088
	6.384	1891.422		
307+75			9.5	1881.9
308+00			5.9	1885.5
+25			12.8	1878.6
+33			16.6	1874.8
+50			12.8	1878.6
+58 ²⁴			11.6	1879.8
309			12.0	1879.4

108
142
1902
17
250

108
142
1902
17
250

£ wash drainage Rt. →

Sta	+	π	-	E.I.
		1891.422		
			12.684	1878.538
		6.897	1885.435	
309+50			5.0	1880.4
310+00			9.3	1876.1
310+50			13.1	1872.3
311+00			11.4	1874.0
			5.060	1880.375 B.M.#32
+15 ⁹¹	B.C.		10.6	1874.8
+25			8.6	1876.8
311+50			7.0	1878.4
+75			5.8	1879.6
+88 ⁸¹	E.C.		8.1	1877.3
312+00			7.1	1878.3

Spike in Rock. 25' L Sta. 311+00

Sta.	+	T	-	El.
		1885.435		
312+50			10.4	1875.0
			12.103	1873.332
	1.309	1874.641		
312+85 P.O.T.			4.1	1870.5
313+00			7.9	1866.7
Sept. 26, 1927			11.024	1863.607 T.P.
	0.251	1863.858		
			12.803	1851.055
	1.150	1852.205		
313+50			4.5	1845.7
			12.841	1839.364
	1.593			
	12.593	1840.957		
314+00			9.4	1831.6
			12.865	1828.092
	1.724	1829.816		

clear and warm Party Leach
Sept. 26, 1927 Bate

Pt. on rock.

Pt. on rock.

Iron Pin in Stump 313710.

Sta.	+	π	-	El.
		1823.816		
			12.572	1817.244
	0.008	1817.252		
314+50			5.9	1811.4
			11.936	1805.316
	0.497	1805.813		
315+00			9.5	1796.3
			10.837	1794.976 T.P.
	Hand Level			
	1.5	1796.5		
315+50			6.7	1789.8
			13.0	1783.5 T.P.
	0.0	1783.5		
316+00			8.5	1775.0
			13.0	1770.5 T.P.
	0.0	1770.5		

Near Sta. 315+00

Sta.	+ T	- EI,
	1770.5	
	0.0	13.0 1757.5 T.P.
	1757.5	
316+50		7.8 1749.7
	0.0	13.0 1744.5 T.P.
	1744.5	
317+00		13.7 1730.8
	13.0	11.7 1732.8 T.P.
	1745.8	
	13.0	0.00 1745.8 T.P.
	1758.8	
	13.1	0.0 1758.8 T.P.
	1776.9	
317+50		6.0 1765.9
	13.0	0.0 1771.9 T.P.
	1784.9	
	13.0	0.0 1784.9 T.P.
	1797.9	
318+00		1.7 1796.2

4 wash.

Sta.	+	T	-	E/.	
				1794.976	T.P.
	5.468	1800.444			
			12.435	1788.009	
	12.410	1800.419			
			0.203	1800.216	T.P.
	12.952	1813.168			
			0.486	1812.682	
	11.903	1824.585			
318+50			4.9	1819.7	
			1.492	1823.093	
	12.532	1835.625			
			0.058	1835.567	
	11.827	1847.394			
319+00			6.2	1841.2	
			0.273	1847.121	
	11.037	1858.158			
319+32 ³⁰	B.C.		1.1	1857.1	
			0.092	1858.066	
	12.694	1870.760			

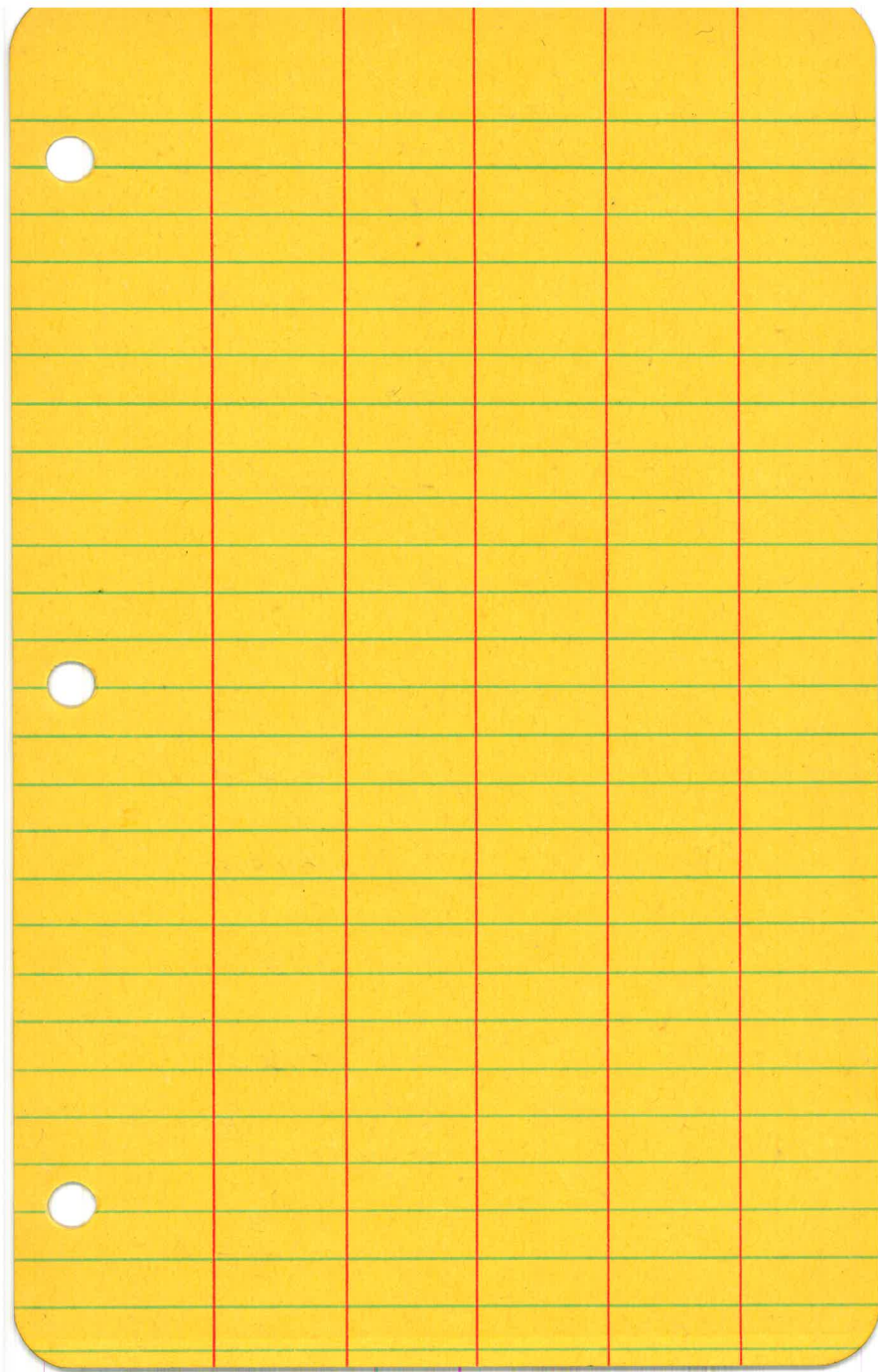
Near Sta. 315+00

Lath 15' L Sta. 318+00

Sta.	+	π	-	El.
		1870.760		
319+50			4.2	1866.6
			0.128	1870.632
	9.314	1870.946		
319+75			9.1	1870.8
320+00			7.0	1872.9
+17 ⁴⁰ E.C.			8.8	1871.1
+50			7.1	1872.8
321+00			5.7	1874.2
+50			5.4	1874.5
+62 ²⁵ B.C.			5.3	1874.6
+75			5.7	1874.2
			6.085	1873.861

Pl. on rock.

Sta.	+	T	-	El.	
				1873.861	
	5.865	1879.726			
	"	"	"		
322+00			17.0	1868.7	
					Hand Level.
			13.0	1866.7	T.P.
	0.0	1866.7			
+25			10.4	1856.3	
			4.0	1860.7	T.P.
	9.7	1870.4			
+50			10.3	1860.1	
+75			10.7	1859.7	
+87.5 ^B			6.1	1864.3	E.C.
323+00			4.2	1866.2	
+39.47			9.2	1861.2	B.C.
		1879.726			
			4.738	1874.988	T.P.
	12.862	1887.850			



Sta.	+	π	-	E.I.
Sept. 27 '27		1887.850		
323+50			12.1	1875.7
+75			10.9	1876.9
324+00			10.5	1877.3
+25			8.4	1879.4
+50			8.2	1879.6
+75			11.2	1876.6
325+00			3.8	1884.0
+25			10.0	1877.8
+50			8.4	1879.4
+75			8.3	1879.5
			9.36	1878.49 T.P.
			0.318	1887.532 T.P.

clear and warm.

Party:- Leach.
Bate

Sept. 27, '27

Pt. on rock. Near Sta. 325+00

Sta.	+	π	-	E.I. ②	
				1887.532	T.P.
	8.058	1895.590			
			0.418	1895.172	B.M.#33
	0.418	1895.590			
				②	
			8.058	1887.532	T.P.
				②	
	Hand Level			1878.49	T.P.
	0.0	1878.49			
325+96 ⁴	E.C.		2.0	1876.3	
326			3.3	1875.2	
			13.0	1865.5	T.P.
	0.0	1865.5			
150			4.2	1861.3	
			6.7	1858.8	T.P.
	1.8	1860.6			
327+00			3.6	1857.0	
150			13.1	1847.5	
			6.4	1854.2	T.P.

Spike in ground. 40' L Sta. 324+75.

± wash. Drainage Rt.

Sta.	+	π	-	El.	
				1854.2	T.P.
	13.00	1867.2			
			0.0	1867.2	T.P.
3	13.0	1880.2			
328+00			11.8	1868.4	
	+50		1.5	1878.7	
				(B) 1887.532	T.P.
	2.147	1889.679			
329+03			4.2	1885.5	
				"C" 9.131	1880.548 T.P.
				1885.5	Elev. of
	0.0	1885.5			
			13.0	1872.5	T.P.
	0.0	1872.5			
329+50			3.8	1868.7	
			13.0	1859.5	T.P.
	5.1	1864.6			

Near Sta. 331+60

Sta. 329+03

Sta.	+	π	-	E.L.	
		1864.6			
330+00			12.7	1852.4	
			0.0	1864.6	T.P.
	13.0	1877.6			
330+50			5.3	1872.3	
			0.0	1877.6	T.P.
	8.4	1886.0			
331+00			7.5	1878.5	*
+50			5.3	1880.7	
+56	⁶⁹ P.I.		5.0	1881.0	
			5.5	1880.5	T.P.
				"C" 1880.548	
	1.866	1882.414			
332+00			2.2	1880.2	
+50			1.2	1881.2	

± wash. Drainage Pt.

Sta. 331+60

Near Sta. 331+60.

Pt. on rock.

Sta.	+	T	-	El.
		1882.414		
333+00			5.6	1876.8 *
+50			10.7	1871.7
333+84 ⁶⁷	B.C.		10.1	1872.3
334+00			8.5	1873.9
+02 ⁰¹	F.C.		8.5	1873.9
+50			13.4	1869.0
			11.15	1871.299
		6.230	1879.529	
			1.529	1878.000 B.M.#34
			11.598	1867.931 T.P.
		3.2		
				1869.0 El. of
	1.0	1870.0		
			13.0	1857.0
	0.0	1851.0		

Spike in rock. 50' L Sta. 334+50

Near Sta. 337+50

Sta. 334+50

Sta.	+	π	-	E.I.
		1857.0		
335+00			3.2	1853.8
			13.0	1844.0 T.P.
	0.0	1844.0		
+50			6.3	1837.7
336+00			16.0	1828.0
			2.5	1841.5 T.P.
	13.0	1854.5		
+50			9.3	1845.2
			0.0	1854.5
	12.1	1866.6		
337+00			10.5	1856.1
+50			1.1	1865.5
				1867.931 T.P.
	1.132	1869.063		

± wash.

Near Sta 337+50

Sta	T	-	El.
	1869.063		
337+96 ⁰⁵	BC	-3.8	1865.3
338		4.5	1864.6
+20 ⁴⁵	E.C	9.6	1864.5
+50		5.5	1863.6
339		8.1	1861.0
+50		5.8	1863.3
		0.950	1868.113
	8.546	1876.659	
Sept. 28, '27		0.310	1876.349 T.P.
	11.089	1887.938	
340+21 ⁶²		4.1	1883.3
+50		10.9	1876.5
+94 ²¹		13.2	1874.2

Clear and Warm,

Party Leach.

Sept 28, '27

Bate

Pt. on rock.

Sta.	+	π	-	El.
		1887.438		
341+00			13.3	1874.1
+25			11.9	1875.5
+29 ⁹²			11.3	1876.1
			0.140	1887.298
	12.483	1899.781		
+67 ⁹²			1.4	1898.9
			0.043	1899.738
	12.664	1912.402		
342+00			2.9	1909.5
			0.703	1911.699
	11.631	1923.330		
+34 ⁵¹			2.4	1920.9
+50			2.5	1920.8

Pt. on rock.

Pt. on rock.

Sta	+	T	-	El.
		1923.330		
			0.396	1922.934
	6.183	1929.117		
343+00			2.7	1926.4
			1.077	1928.040
	9.022	1937.062		
+34 ⁰⁸			3.3	1933.8
+50			7.1	1930.0
+69 ¹⁴ B.C.			7.1	1930.0
+75			6.6	1930.5
344+00			9.7	1933.4
+04 ³³			4.5	1932.6
+50			5.8	1931.3
			12.705	1924.357 T.P. "7"
	0.91	1925.27		

pt. on rock near Sta. 344-50

Sta.	+	T	-	El.
		1925.27		
345+00			6.0	1917.3
			13.00	1912.27
	2.15	1914.42		
+50			10.6	1903.8
+73 ²⁹			7.9	1906.5
+75			7.3	1907.1
346+00			2.0	1912.4
				Ground El. = 1906.4
+03 ⁷³			3.0	1911.4
				Ground El. = 1905.4
+18			11.5	1902.9
	Hand Level		13.98	1900.44
	1.6	1902.0		
346+50			12.8	1889.2
+65 ⁹⁸	B.C.		+9.0	1911.0
347+00			+10.0	1912.0

Pt. on rock.

Pt. on rock.

Rock. 6' high

Sta.	+	π	-	E.I.	
		1902.0			
			4.6	1897.4	T.P.
	13.0	1910.4			
			0.0	1910.4	
	13.0	1923.4			
			0.0	1923.4	
	5.0	1928.4			
			0.0	1928.4	
<hr/>					
				1924.357	T.P. "H"
	12.203	1936.560			
			7.793	1928.767	T.P.
	8.035	1936.802			
3477.50			9.7	1925.1	
775			5.8	1931.0	
791 ²⁶	E.C.		7.8	1929.0	
			12.283	1924.519	
	0.460	1924.979			
			12.530	1912.449	
	0.440	1912.889			
	0.310		12.838	1900.051	

Pt. on rock near Sta. 344+50.

Pt. on rock. Sta. 347+50

Sta.	+	π	-	EL.
				1900.051
	0.310	1900.361		
			12.439	1887.922
	0.533	1888.455		
349+00			9.8	1876.7
Sept 29, 1927			12.434	1876.021
	0.367	1876.388		
			2.112	1874.276 B.M # 35
<u>150</u>			See next	
768 ³¹ B.C.			H.I.	1852.9
			23.0	1851.4
+75			13.2	1863.2
				Ground El. = 1856.2
			12.460	1863.928
	0.801	1864.729		
<u>349+50</u>			11.8	1852.9
			12.834	1851.895
	0.415	1852.370		
			6.768	1845.602
	12.728	1858.330		

Clear and Warm.

Party

Leach.

Sept 29, 1927

Bate

Spike in rock. 50' L Sta. 250+25

Point on rock. 7' High

Sta	T	-	E/
	1858.330		
349+93 ⁹¹		9.1	1849.2
350+00		9.6	1948.7
+50		11.2	1947.1
		1.654	1856.676
	12.012		1868.688
351+00		9.4	1859.3
+50		4.1	1864.6
			Ground El. = 1861.6
352+00		7.9	1860.8
+1183 P.O.T.		5.5	1863.2
			Ground El. = 1858.0
		12.875	1855.813
	0.774		1856.587
352+49 ³⁷ P.I.		6.2	1850.9
+8988		7.2	1849.4

Phos rock. 3' High

Phos rock. 5' High

Sta.	+	T	-	El.
		1856.587		
353+00			9.8	1846.8
			11.703	1844.884 T.P.
	4.051	1848.935		
			0.930	1848.005 T.P.
		Hand Level		
				1844.9 T.P.
	0.0	1844.9		
			13.1	1831.8 T.P.
	0.0	1831.8		
353+50			10.9	1820.9
			12.9	1818.9 T.P.
	0.0	1818.9		
354+00			10.0	1808.9
			13.1	1805.8 T.P.
	0.0	1805.8		
+42			10.1	7795.1

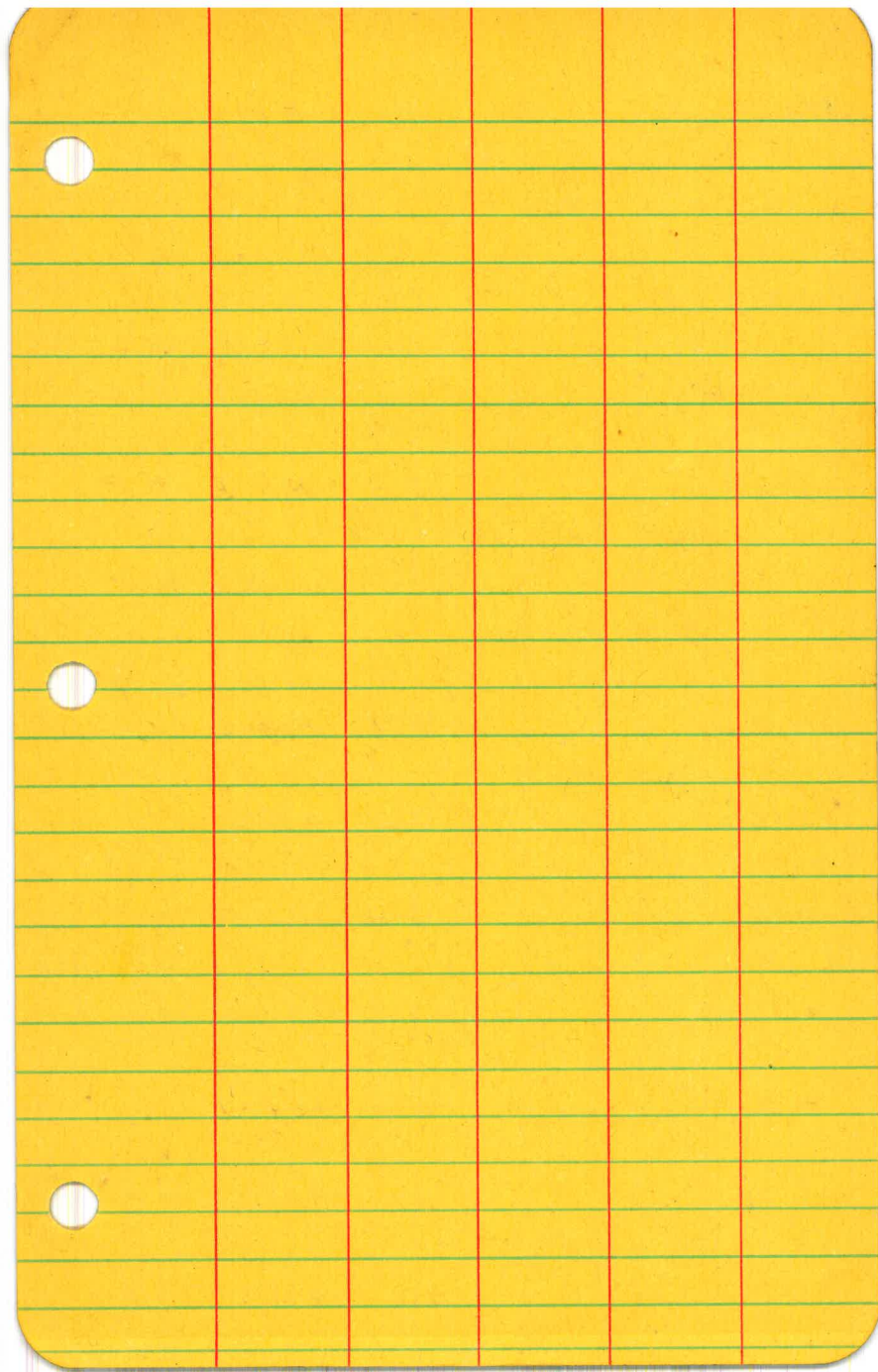
4.051

Near Sta. 353+00

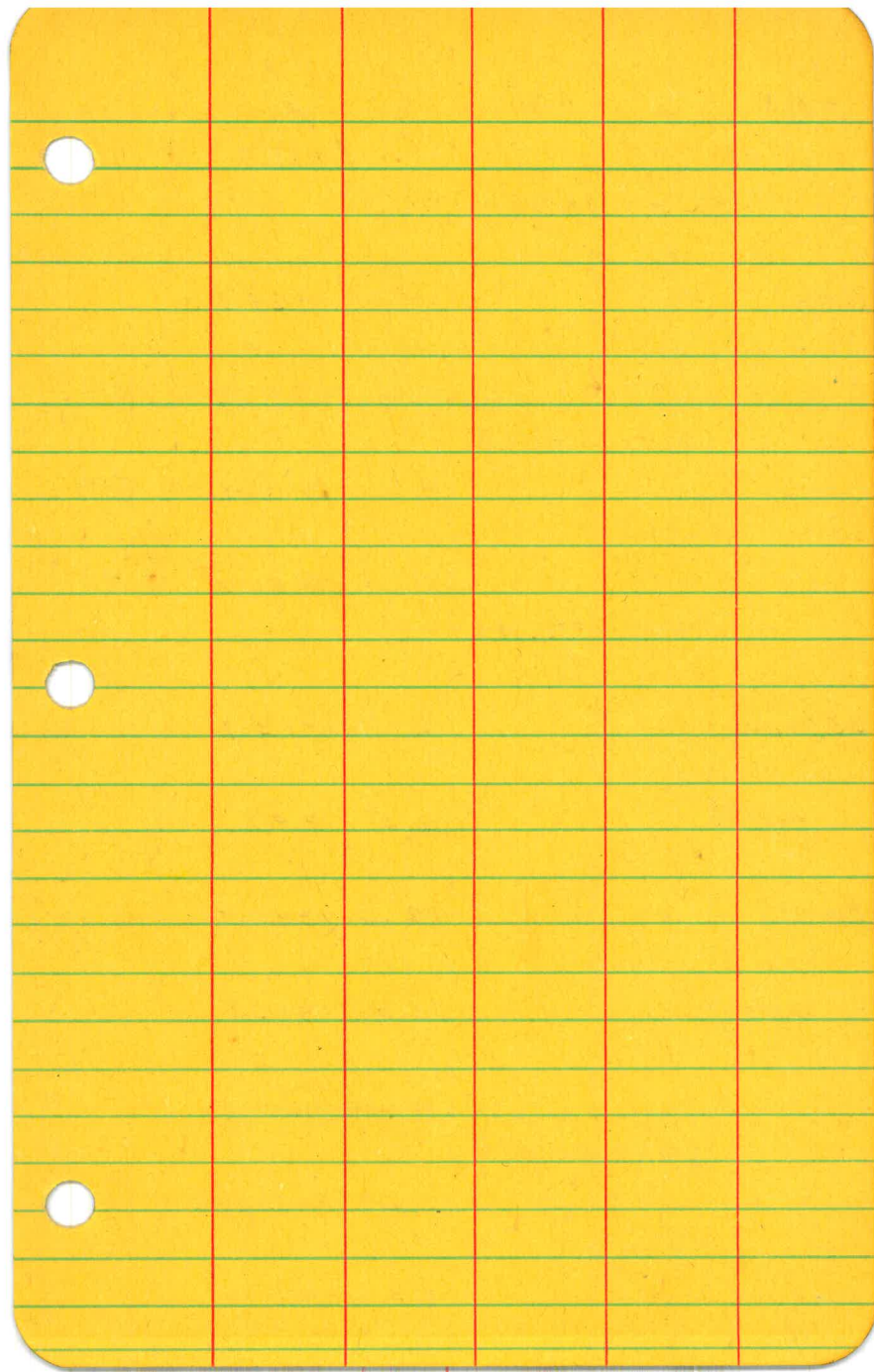
Near Sta. 358+50

Near Sta. 353+00

Sta	+	T	-	El.
		1805.8		
354+50			7.0	1798.8
			1.4	1804.4 T.P.
	13.1	1817.5		
			0.0	1817.5 T.P.
	13.0	1830.5		
355+00			10.8	1819.7
			0.0	1830.5 T.P.
	13.0	1843.5		
+91 ⁰⁹			4.9	1838.6
+50			1.8	1841.7 T.P.
	7.2	1848.9		
+75			8.1	1840.8
356+00			11.3	1837.6
			13.1	1835.8 T.P.



Sta	+	π	-	EI	
				1835.8	
	0.0	1835.8			
356+25			3.7	1832.1	
+35 ⁶²			7.6	1828.2	
+56			13.0	1822.8	T.P.
	0.1	1822.9			
			13.0	1809.9	T.P.
	0.0	1809.9			
357+00			5.7	1804.2	
+12			12.3	1797.6	
+28			4.2	1805.7	
+39			12.4	1797.5	
+50			5.0	1804.9	
			1.6	1808.3	T.P.
	13.0	1821.3			
			0.0	1821.3	T.P.



Sta.	+ I	T	-	El.
				1821.3
	13.0	1834.3		
358			10.0	1824.3
			0.0	1834.3 T.P.
	13.1	1847.4		
			0.0	1847.4 E/T.P.
				1848.005 T.P.
	7.643	1855.148		
358+50			12.5	1843.1
+81 ⁹³			12.5	1843.1
359			12.6	1843.0
+50			12.0	1843.6
			0.000	1855.560
	12.365	1867.925		
			3.219	1864.706 BM# 36
36+00			6.3	1861.6

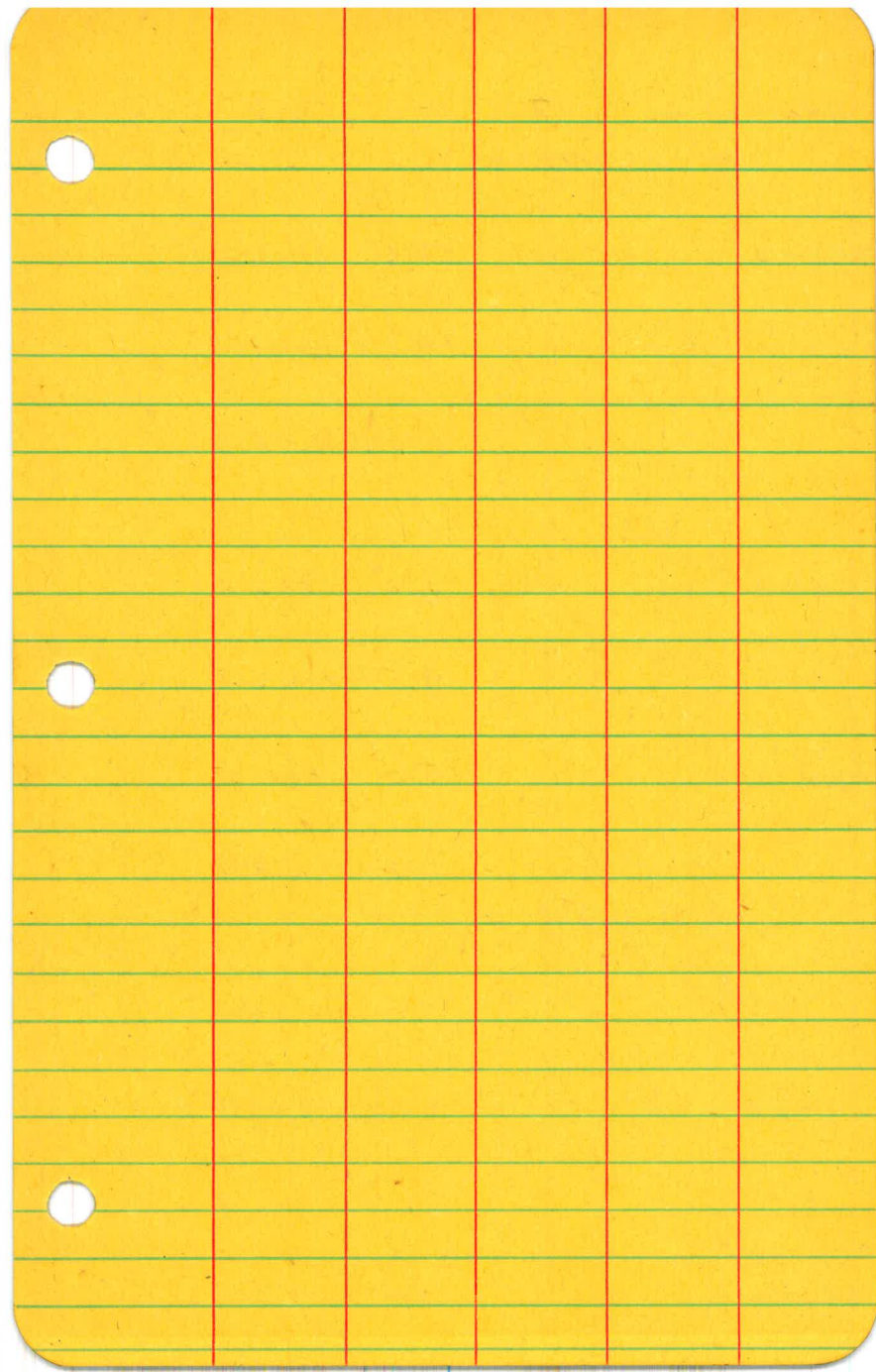
Sta. 358+50

Near Sta 358+50

Phos rock

Spike in rock 50 L Sta. 359+75

Sta.	+	T	-	E.I.
		1867.925		
360+24 ⁹⁶			2.0	1865.9
			0.169	1867.756
		10.525		1878.281
360+50			7.9	1870.4
+75			5.0	1873.3
361			4.9	1873.4
+86 ⁹⁵			5.8	1872.5
+50			12.1	1866.2
362			8.2	1870.1
+50			10.0	1868.3
363+00			14.9	1863.4
+35 ⁸⁵			14.2	1864.1



Sta.	+	T	-	EI.
		1878.281		
363+50			15.5	1862.8
+71 ^B E.C.			14.1	1864.2
			12.702	1865.579
	1.613	1867.192		
364+00			3.5	1863.7
+50			4.5	1862.7
365			7.0	1860.2 ✓
			1.389	1865.803
	11.962	1877.765		
+46 ³³			12.9	1864.9
+50			13.7	1864.1
+75			14.0	1863.8
366+00			4.9	1872.9

Pt. on rock.

Sta.	+	T	-	El.
		1877.765		
366+25			7.6	1870.2
+38 ⁶²	E.C.		7.2	1870.6
+50			7.0	1870.8
+85			1.4	1876.9
367+00			4.5	1873.3
			3.728	1874.037
		1.480		1875.517
+25			10.0	1865.5
+35 ²⁴	E.C.		12.1	1863.4
+50			10.0	1865.5
368			11.2	1864.3
+41 ⁴²			7.2	1868.3

Pt. of rock.

Sta	+	T	-	El,
		1875.517		
368+50			8.2	1867.3
+75			12.7	1862.8
+85 ²⁶	E.C.		11.1	1864.4
369+00			8.8	1866.7
+50			19.5	1861.0
370+00			7.5	1868.0
Sept. 30, 1927			8.706	1866.811 T.P.
		4.340	1871.151	
370+50			4.0	1867.2
371			13.4	1857.8
+50			15.2	1856.0
372+00			17.7	1853.5

Clear and Warm.

Party Leach
Bate

Sept. 30, '27

Pin Near Sta. 369+00.

Sta.	+	T	-	E/
		1871.151		
372+50			17.0	1854.2
			8.337	1862.814 B.M #37
	5.627	1868.441		
373+00			8.4	1860.0
+50			7.8	1860.6
373+89 ⁶			13.6	1854.8
374+00			14.5	1853.9
+25			15.3	1853.1
+50			13.1	1855.3
+75			9.1	1859.3
			2.724	1865.717
	9.771	1875.488		
375+00			11.3	1864.2

Spike in rock 15' L Sta. 372+50

Sta.	+	π	-	EI
		1875.488		
375+13			9.3	1866.2
+50			6.0	1869.5
376+00			7.2	1868.3
+50			1.3	1874.2
		"(A)" 12.027 1886.234	1.281	1874.207
+86 ⁹⁴			7.1	1879.1
377			8.8	1875.4
		Hand Level		
			13.0	1873.2 T.P.
	1.6	1874.8		
377+50			5.1	1869.7
766			15.0	1859.8

Pt. on rock.

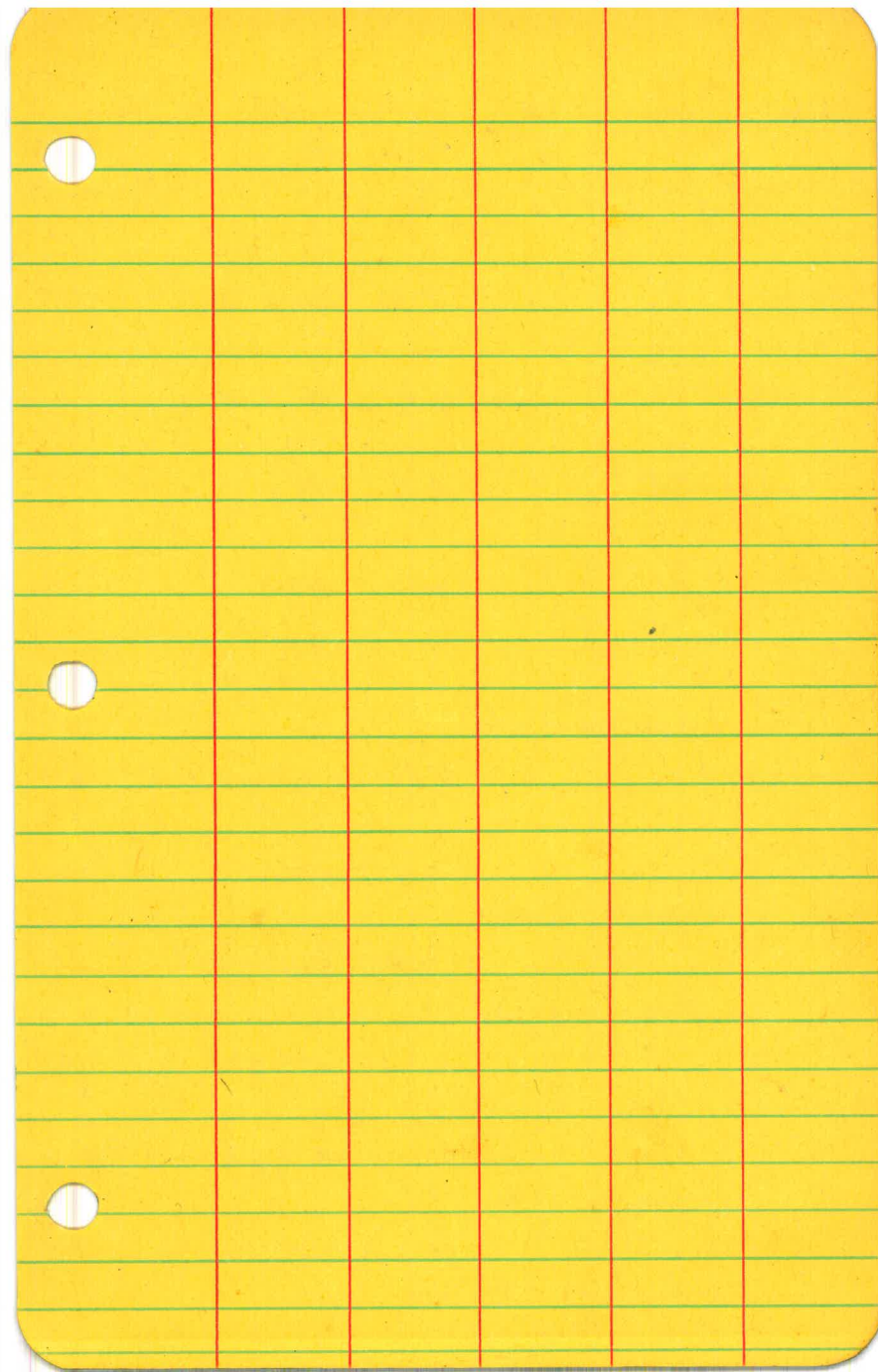
Sta.	+	"A" 1886.734	-	EI
378+00			10.6	1875.6
			0.392	1885.842
	4.354	1890.126		
+50			4.5	1885.7
379			3.2	1887.0
+50			5.2	1885.0
+54 ²⁸			5.1	1885.1
			"A" 9.462	1880.734
	0.07	1880.80		
379+71 ¹³	B.C.		12.62	1868.18 T.P.
	2.23	1870.91		
+75			3.2	1867.2
380			12.5	1857.9

Pt. on rock.

Pt. on rock.

T.P. on rock.

Sta.	+	T	-	El.
		1870.41		
380+25			21.0	1849.4
+46 ⁵³ E.C.			20.3	1850.1
+56			19.8	1850.6
			12.82	1857.59
	2.83	1860.42		
381+00			6.0	1844.4
+50			5.6	1844.8
382			8.5	1851.9
+06 ²⁷ B.C.			8.8	1851.6
+25 (This Sta. is about 382+16)			9.5	1850.9
+50			3.8	1856.6
+52 ¹⁸ E.C.			4.5	1855.9
			0.11	1860.31



Sta.	+	π	-	El
				1860.31
	12.79	1873.10		
383+00			6.8	1866.3
+50			1.1	1872.0
+93 ³³ B.C.			4.9	1868.2
384+00			6.0	1867.1
			"H"	1880.734
	8.944	1889.678		
			11.878	1877.800 B.M.#38
			0.021	1889.657
	12.388	1902.045		
			1.183	1900.862
	9.770	1910.632		
			1.737	1908.895 B.M.#D16
				1877.800 B.M.#38
	0.389	1878.189		
			13.010	1865.179
	7.018	1872.257		

T.P. on rock. 11.00

Spike in ground 60 L Sta. 383+50

El. marked on Lath = 1908.60

Sta.	+	T	-	El.
		1872.257		
384+25			7.6	1864.7
+50			9.2	1863.1
+75			8.0	1864.3
+90 ⁵⁶	E.C.		7.6	1864.7
385+00			7.3	1865.0
+30 ⁸⁰	B.C.		8.8	1863.5
+50	12.9		12.6	1859.7
+75			15.3	1857.0
386+00			12.4	1859.9
+25			19.4	1852.9
+50			20.1	1852.2
+68 ⁹⁹			15.9	1856.4

Pt. on rock.

Sta.	+	T	-	El.
		1872.257		
387+00			14.2	1858.1
+50			3.7	1868.6
			"B"	
			5.348	1866.909 T.P.
	Hand Level			
	4.2	1871.1		
387+75			0.5	1870.6
388+00			7.3	1863.8
			13.0	1858.1 T.P.
	0.6	1858.7		
388+50			6.3	1852.4
			13.0	1845.7 T.P.
	0.2	1845.9		
389+00			0.2	1845.7
			13.0	1832.9

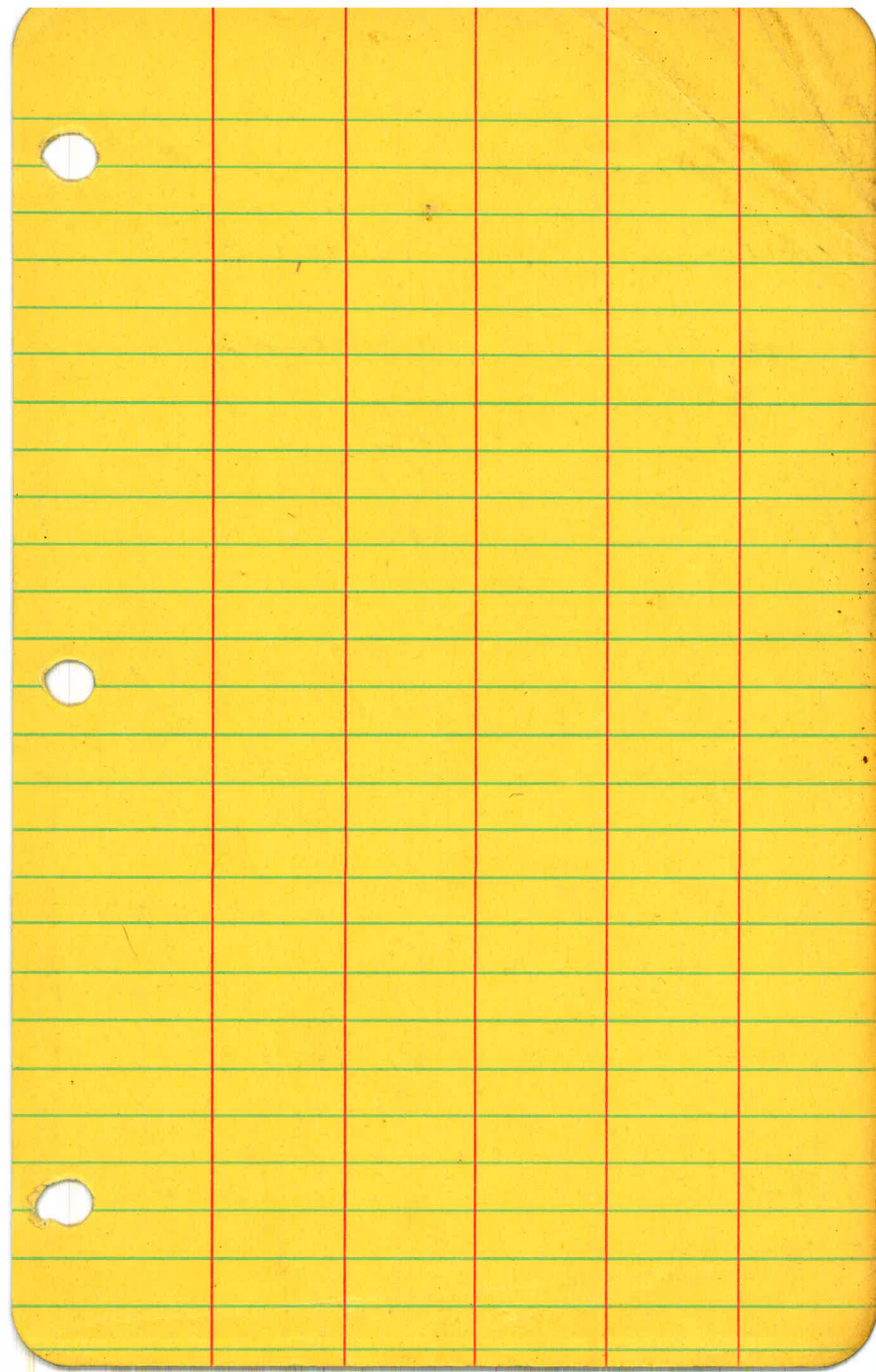
Near Sta. 387175.

Sta	+	T	-	E/
				1832.9
	0.0	1832.9		
389+50			6.3	1826.6
			13.0	1819.9 T.P.
	0.0	1819.9		
389+90			10.4	1809.5
390+00			2.9	1817.0 T.P.
	13.0	1830.0		
			0.0	1830.0
	13.1	1843.1		
390+50			9.7	1833.4
			0.2	1842.9
	13.0	1855.9		
391			6.4	1849.5
			0.0	1855.9
	10.4	1866.3		

φ wash.

~~Pt. on rock.~~

Sta.	+	T	-	El.
		1866.3		
391+43	<u>95</u> B.C.		6.6	1859.7
	+50		5.8	1860.5
	+75		3.6	1862.7
392+00			4.0	1862.3
	+25		6.5	1859.8
	+50		13.6	1852.7
			13.0	1853.3
	1.9	1855.2		
392+75			7.5	1847.7
			13.0	1842.2
	0.0	1842.2		
393			2.4	1839.8
T 06 ^B			4.1	1838.1



Sta	+	T	-	El
		1802.2		
393+27			14.0	1828.2
+50			4.3	1837.9
			0.2	1842.0
	13.1	1855.1		
			1.0	1854.1
	10.3	1864.4		
394+00			1.6	1862.8 T.P.
	11.0	1873.8		
333 ⁶⁹			3.7	1870.1
Oct. 1, 1927				"B." 1866.909 T.P.
	12.431			
	12.427	1873.340		Check.
394+33 ⁶⁹			9.1	1870.2
+50			10.4	1868.9
			6.285	1873.055
	5.485	1878.540		

Clear and warm.

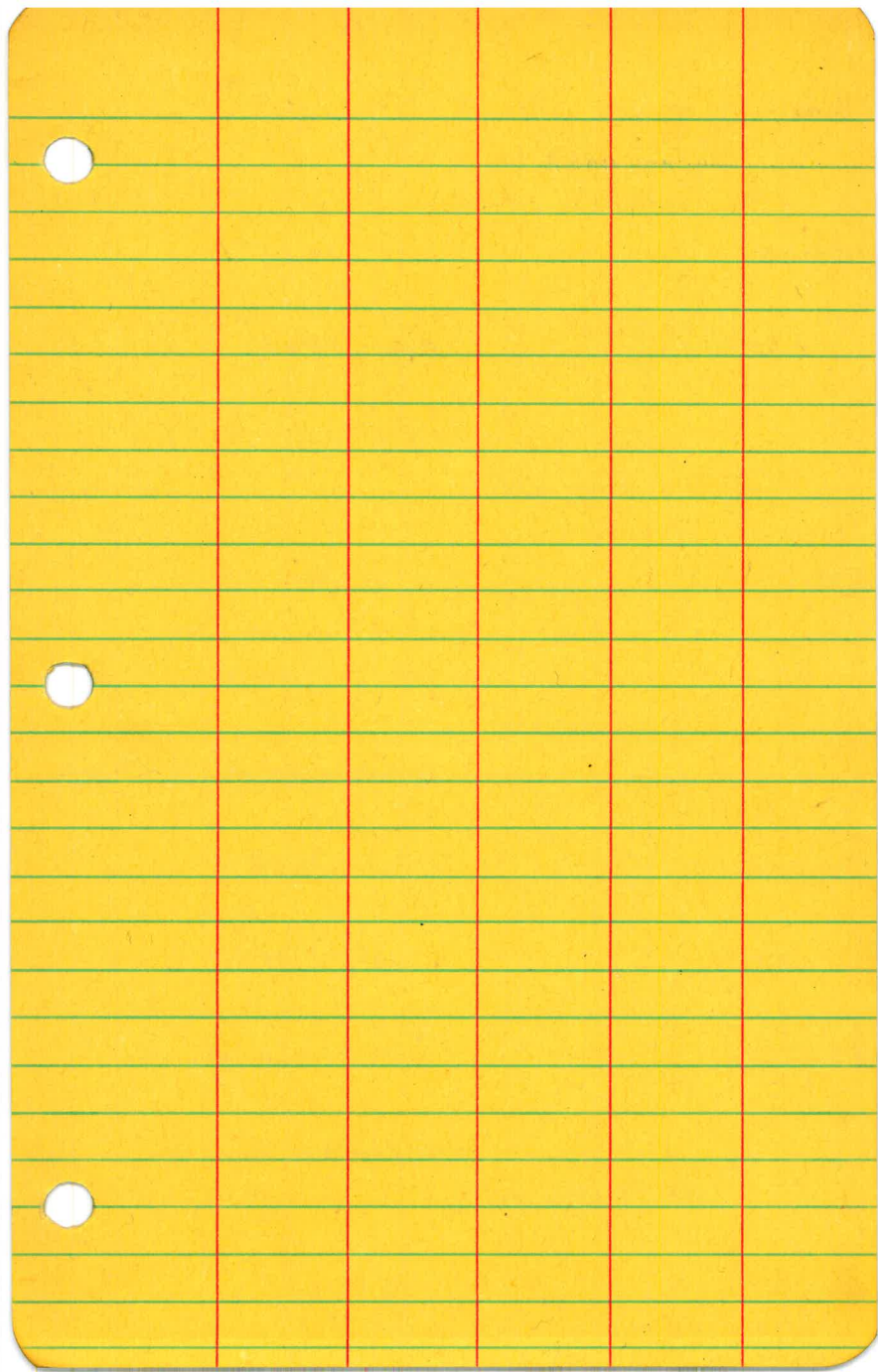
Party Leach,
Bate

Oct. 4, 1927

☞ wash

Near Sta. 387+75

Sta.	+	T	-	El.
		1878.540		
395+00			10.0	1868.5
+50			4.8	1873.7
+66 ⁵²			4.8	1873.7
396+00			10.2	1868.3
+50			13.9	1864.6
397+00			7.8	1870.7
+17 ³³ B.C.			6.0	1872.5
+25			6.4	1872.1
+50			10.6	1867.9
+75			13.3	1865.2
			11.877	1866.663
	0.447	1867.110		



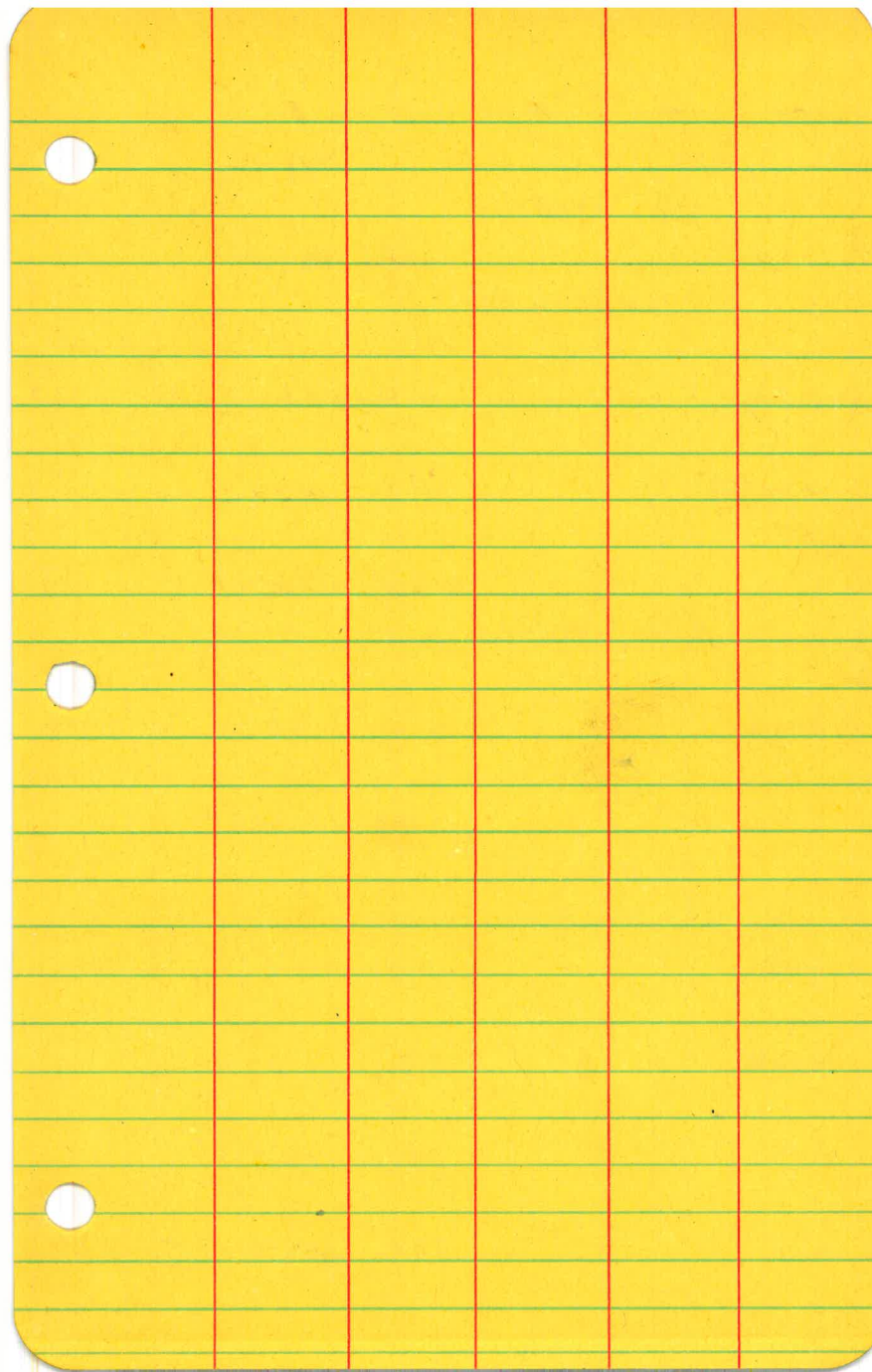
Sta.	+	T	-	E.L.
		1867.110		
398+00			2.0	1865.1
+20	60 F.C.		4.0	1863.1
	Hand Level		13.0	1854.1
	0.1	1854.2		
398+50			6.0	1848.2
+60			11.4	1842.8
		1867.110		
			2.860	1864.230 BM#39
399+00			12.4	1854.7
+50			7.8	1859.3
400+00			6.3	1860.8
			5.903	1861.207
		4.824	1866.031	
400+50			4.8	1861.2

Spike in ground 40' Sta. 399+00

Sta.	+	T "B" 1866.031	-	El.
401+00			2.5	1863.5
+19 ²⁶	B.C.		1.7	1864.3
+25			1.9	1864.1
+50			9.8	1856.2
		Hand Level		
		↓	13.0	1853.0 T.P.
	5.9	1858.9		
401+75			10.6	1848.3
+78 ²⁶	E.C.		11.0	1847.9
402+00			8.2	1850.7
+50			12.9	1846.0 T.P.
	0.6	1846.6		
403+00			5.7	1840.9
+42 ²⁶	B.C.		8.7	1837.9

Ft base of rock. Near Stake.

Sta.	T	T	-	E.L.
		1846.6		
403+50			9.5	1837.1
			7.0	1839.6 T.P.
	12.7	1852.3		
403+75			12.0	1840.3
404+00			9.1	1843.2
+25			5.1	1847.2
			0.7	1851.6 T.P.
	11.2	1862.8		
+50			10.0	1852.8
+52 ³³			10.0	1852.8
405+00			5.5	1857.3
		"B" 1866.031		(See Top Preceding Page)
			8.615	1857.416 T.P.



Sta	+	π	-	E/
Oct. 3, 1927				1857.416
	0.811	1858.227		
			12.420	1845.807
	0.564	1846.371		
405+50			4.9	1841.5
+86 ⁴⁵			13.1	1833.3
			12.536	1833.835
	0.419	1834.249		
406+00			6.4	1827.8
			12.812	1821.437
	0.265	1821.702		
+25			2.4	1819.3
+30 ⁸⁵			5.2	1816.5
+50			14.0	1807.7
+75			14.4	1807.8 1797.3

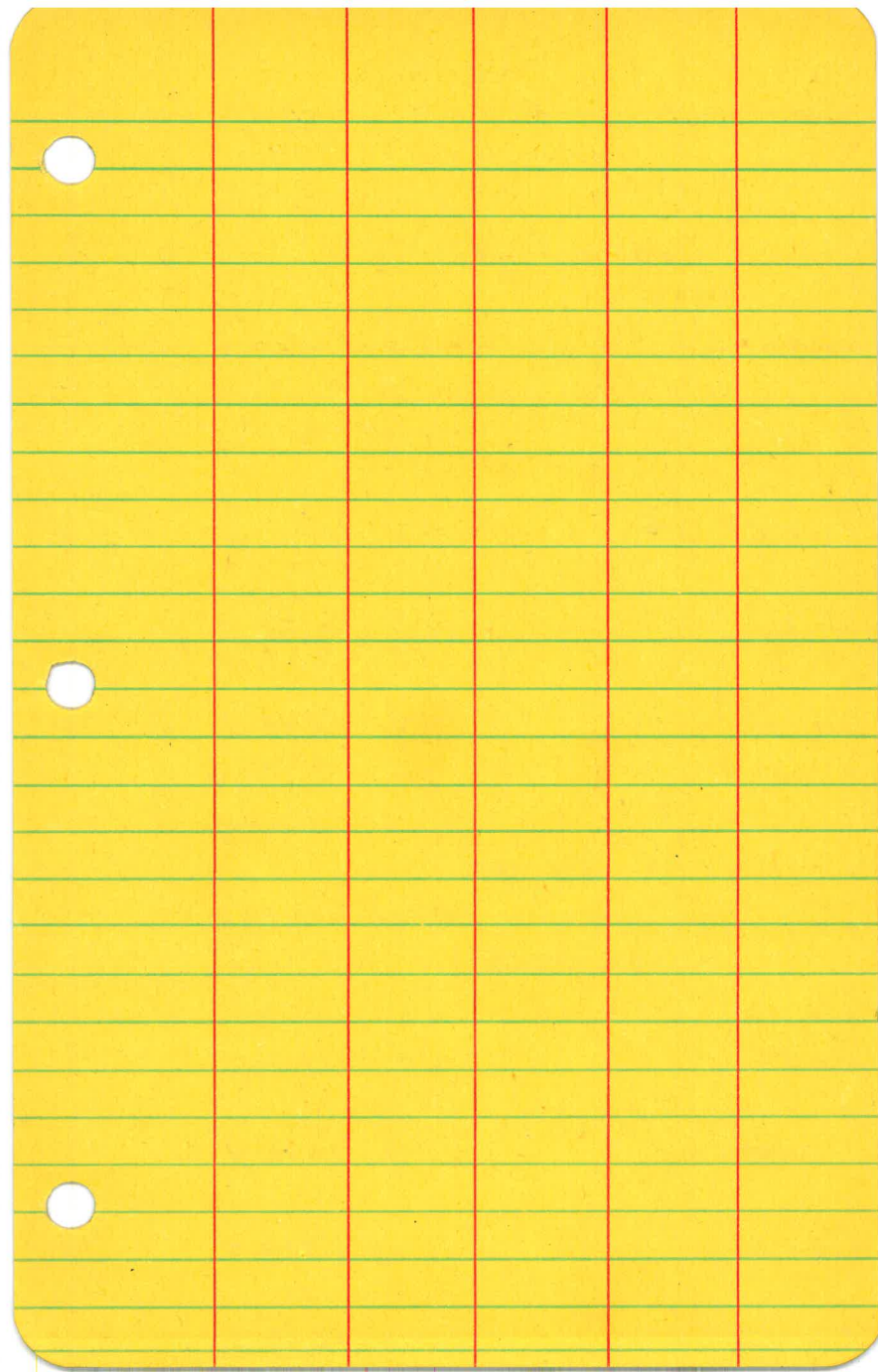
Clear and Warm.

Party

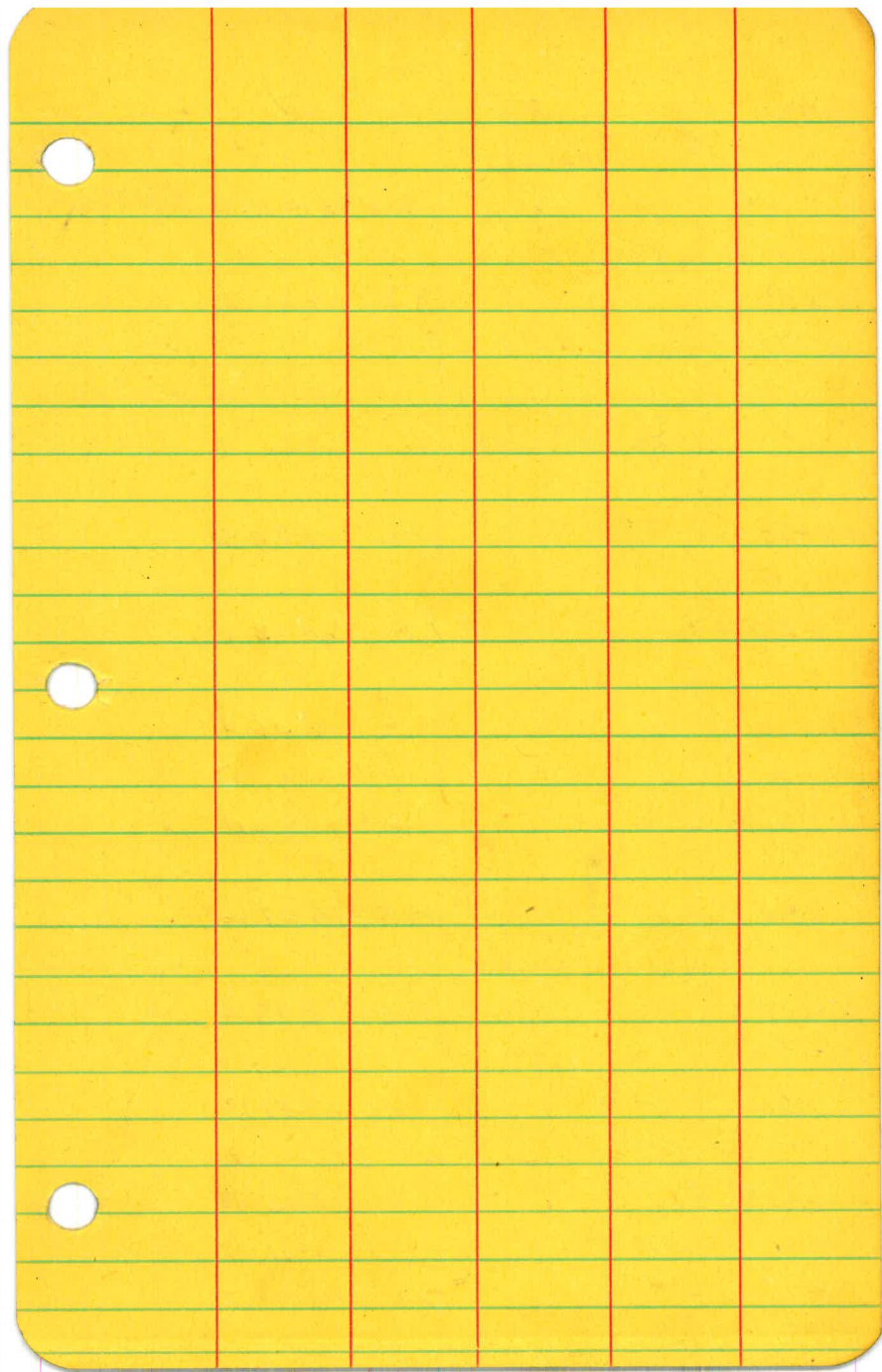
Leach
Bote

Oct. 3, 1927

Sta.	+	π	-	E/.
		1821.702		
407+00			14.5	1807.2
			12.910	1808.792
	0.806	1822.598		
+16 ²⁵	B.C.		3.3	1806.3
+25			3.5	1806.1
+50			4.1	1805.5
+75			3.0	1806.6
			3.700	1805.898
	12.869	1818.767		
408+00			10.5	1808.3
+25			7.2	1811.6
+32 ²⁷			5.5	1813.3
+50			3.2	1815.6



Sta.	T	-	EI.
	1818.767		
		0.142	1818.625
	8.694	1827.319	
409+00		7.0	1820.3
+50		5.9	1821.4
+58 ² P.I.		5.8	1821.5
+80		11.0	1816.3
410+00		3.6	1823.7
		0.533	1826.786
	7.346	1834.132	
		0.233	1833.899
	12.784	1846.683	
410+50		11.0	1835.7
+81 ⁸⁵ B.C.		5.3	1841.4
411+00		8.4	1838.3
+06 ⁶⁸ E.C.		7.8	1838.9



Sta.	+	T	-	El.
		1846.683		
			1.233	1845.450 B.M.# 40
411+50			5.1	1841.6
				1845.450 B.M.# 40
	6.182	1851.632		
412+00			11.2	1840.4
+50			1.8	1849.8
413+00			15.2	1836.4
+50			11.5	1840.1
+80			4.0	1847.6
414+00			8.0	1843.6
+50			0.3	1851.3
+67 ⁶⁴	B.C.		6.0	1845.6
+75			6.9	1844.7

Spike between two rocks. 15" L Sta. 411425

Ph. on rock.

Sta.	+	T	-	E.I.
		1851.632		
			3624	1848.008
	11.270	1859.287		
			0.661	1858.626
	9.967	1868.593		
4				
415+00			6.7	1861.9
	+23		2.9	1865.7
	+29	B.C.	4.0	1864.6
	+50		5.8	1862.8
416+00			6.1	1862.5
			13.013	1855.580
		0.327		1855.907
	+50		8.1	1847.8
417+00	<u>46</u>	B.C.	3.26	1852.65
			12.599	1843.308 T.P.
	+13.072			

Red mark on rock.

Sta.	+	T	-	El.
		1856.36		
TP		1868.787	0.605	1855.775
	+13.012			
+25			+5 ⁰	73.78
+50			-12 ²⁰	56.58
TP			-5.714	63.073

By Locke Levels for Profile.

		T	-	El.
		68.78		
			-12.9	55 ⁹
	+1.05	56.95		
+75			-8.5	48.4
+78 ⁸ B.C.			-12.6	44.3
A18			-15.7	41.2
TP			-12.47	44 ⁴⁸
	+0 ⁴⁰	44 ⁸⁸		
TP			-12.40	32 ⁴⁸
	+0 ⁰	32 ⁴⁸		
+50			-17.60	14 ⁹
TP			-13 ⁰⁰	19 ⁵
	+1.53	21 ⁰		
119			-8 ⁶⁰	12 ⁴
+25 ²⁷ B.C.			-7 ⁵	13 ⁴

1049 - 2
Van Horn
Simon
Clavert

Country is 70% shear granite
outcrop & enormous granite boulder
and constitutes a large basin interspersed with ^{a few} ~~con-~~
_{granite}
+50N top of large boulder read with hand level.

in group of broken Rock 57 across array 0
35' south of 419+50 & 30' higher.

Sta.	+	T	-	E/
+50		21.0	-2.7	18.3
TP			-2.2	18.8
	+12.50	31.3		
+75			-5.4	26.0
TP			-0.56	30.74
	+13.00	43.74		
420			2.40	41.3
+03 ²⁷ EC			1.1	42.6
TP			.05	43.7
	+13.00	56.7		
TP			.00	56.7
Y Levels Resumed				
TP	+6.872	1869.945		63.073
+20+50			-4.73	65.2
+89 ⁸⁸ B.C.			-21.72	48.6
421			-20.9	49.0
+25			-11.0	58.8
TP		1871.695	-1.032	68.913
	+2.782			
+50			-4.6	67.09
+75			-6.4	65.3
+484 ²⁷ EC			-8.3	63.4
422			-8.9	62.8

10-9-27

on group of broken Rocks 35' south of 49+50
on sheer granite outcrop.
drag between 2 outcrops.

on Granite ledge 3' E of P.I. 421+40.92

Sta.	+	π	-	EI.
+50		1871.695	14°	57.7
+91 ⁹	P.O.T		12°	59.4
422			14°	57.2
+24 ³¹	B.C		20°	51.2
TP			-12.667	59.028
	+4.350	1863.378		
By Locke Level For Profile				
TP		63.38	-12.94	50.44
	+0.25	50.7		
+50			-6.8	43.9
54 ¹⁶	E.C.		-8.0	42.2
TP			-11.7	39.0°
	+0.0	39.0		
TP			-12.2	26.8
	+0.2	27.0		
424			-3.5	23.5
TP			-5.36	21.64
	+13°	34.64		
+50			-11.4	23.3
+67 ⁴³	P.O.T.		-8.5	26.2
TP			-0.4	31.24
	+13°	47.24		
425			-7.2	39.3

10-9-27

Granite outcrop.

"

"

Rocky Canyon with scattered
oak & shumac

"

"

"

Sta.	+	T	-	E.I.
		47.24		
+25	POT	.	2.5	44.7
+50			3.3	44.0
TP			-1.9	45.34
	+11.05	56.40		
426			-9.1	47.3
TP			-2.2	54.4
	+3.2	58.2		
+50			-4.0	
TP			-9.3	49.0 ✓
	+9.05	58.05		
+82	BC		-4.3	53.8
427			-8.8	49.3
Y Levels Resumed				
TP		1863.378		
		1856.026	-12.712	50.666
	+5.380			
+25	45 F.C.		-16.2	39.8
+50			-10.7	45.3
428			-7.3	48.7
+50			-14.90	41.1
+59	81 B.C.		-17.5	38.5
+75			-16.8	39.2
429			-2.1	53.9
+25			-16.5	39.5

10-9-27

5 m Rocky Canyon with oak &
shumac some shear outcrop

Large Granite Boulder outcrop

" "

Large Round Granite bould 20' x 10'
on E

Sta.	+	π	-	El.
+		1856.046		
+28 ¹⁵	F.C.		-1.61	54.4
+50			-15.6 ⁰	40.4
+92 ⁰⁵	B.C.		-1.66	54.3
TP		1845.504	-12.158	43.888
	+1.616			
430			-7.7 ¹	37.8
+25			-9.2	35.8
+50			-12.5 ⁵	23.0
+75			-10.2	35.3
TP			-13.052	32.5 ⁵ 32.452 ✓
	To establish B.M. # 41			
		1845.504		
TP		56.020	-2.572	42.932
	+13.08 ⁸			
TP		4 68.383	-0.525	55.4 ⁹ 85 ⁻
	+12.898			
B.M. # 41		501 71.491	-0.380	68.0 ¹ 23
	+3.488			
TP		59.70 ⁷	-12.738	58.7 ⁶ 53
	+0.347			
431			-16.2	29.3
+25			-21.2	24.4
+50			-19.6	25.9
TP			-13.017	46.083 ⁹

10-10-21
Van Horn
Simpson
Clavert

on small pointed Rock 1' E of Sta. 429+76

Large Granite Boulder outcrop 70% Rock
on large ^{oblong} Rock 25' W. of Sta. 431

spike in crack of Rock 20' x 4' on long chord
near middle of Curve & 40' E. of A

on side on great granite boulder 50'
in Circum & 25' high sta about 10' from gr.

Sta.	+	T_{50}	-	E.I.
		49.49		46.083
	3.407			
TP		39.054	-12.703	36.787
	2.267			
			-6.611	32.458
TP		1842.474		32.452 ✓
	+10.022			
+75			-3.2	31.3
432			-5.5	37.0
+25			-10.9	31.6
+50			-9.9	32.7
+75			-7.8	34.7
TP		1846.361	-8.298	34.176
	+12.185			
87 ⁹⁵ B.C			-13.4	33.0
433			-13.0	33.4
TP			-1.044	45.317 ✓
By Locke Level For Profile.				
		46.30		
TP		56.6	-1.12	45.24
	+11.35			
+50			-9.2	47.4
+72 ⁹⁵ E.C.			-2.8	43.6
+75			-1.8	44.4
TP			-0.5	56.1

Large Granite Boulder outcrop

" " "

check on TP on oblong Boulder 25' W of Sta 431
Elev 3241.2

Large Granite Boulder outcrop
60% Rock.

TP on sm. knob on Rock 1/2 S. 432+69

TP on sm. Rock 7' S. of Sta 435

Sta.	+	\bar{T}	-	E.L.
		62.56		56'
	+1.46			
434			5.6	57°
	+25'		11.6	51
14866 E.C.			14°	48.6
TP		56.31	-13.1'	49.45
	+6.86			
435			8'	48.2
			-10.9	45.4
'Y' Levels Resumed				
	+10.893	1856.210		45.317 ✓
	+50		-19°	
436			-6.2	49.2
	+50		-4.1'	52.1
TP		1861.687	-4.092	52.118
	+9.569			
Lock Levels For Profile				
	+7.00	59.12		52.12
6723 B.C.			-7.9	56.3
	+75'		-3°	56.1
'Y' Levels Resumed				
		1861.687		
437			-5.4	55.3
	+25'		-17.5	44.2
	+50		-13.4	48.2

Granite boulder outcrop

" " "

check on TP. 7' s. of sta. 435.

Granite Boulders

" "

TP on sm. Rock 17' W. 436+75

Large Granite Boulders

" " "

Sta.	+	π	-	E.I.
		1861.687		
	+75			-4.7 57.0
438				-3.6 58.1
	TP	1861.666		-5.690 54.997 ✓
	+6.669			
	+50			-7.3 54.4
	+56 ⁹⁸ E.C.			-6.9 54.8
439				-5.4 56.3
	+50			-5.9 55.8
440				-7.4 54.3
	+50			-10.7 51.0
441				-11.0 50.7
	+21 ⁹⁸ P.O.T.			-7.2 54.0
	+50			-8.4 53.3
	TP	1861.897		12.682 48.984
	+12.913			
	TP			-12.685 49.262 ✓
By Locke Level For Profile				
		49.6		48.984
	+0.62			
442				-5.4 45.2
	+50			-9.4 40.2
	+54 ²¹ B.C.			-10.6 39.0
	+75			-16.2 33.3
443				-10.5 39.1

Country opening up still is
region of large granite boulders
and sheer outcrop but slopes not
so precipitous. 40 to 50% Rock

Decomposed Granite 10% slope
with granite very near the surface
indicated by shallow outcropping.

" " " "

Sta.	+	π	-	E/
		49.6		
+25 ²³	EC		8 ²	41.4
+50			5 ⁴	44.2
TP			0 ³⁶	49 ²⁴
'Y' Levels Resumed				
TP		1849.574		49.262 ✓
		0.312		
444			-7.2	42.4
+50			-8.2	41.4 ✓
TP			-12.94	36.634 ✓
Locke Levels For Profile				
		49.57		
	+0.55	37.27	-12.75	36.82
445			-11.2	26.1
+50 ⁶³	B.C		-1 ⁰	36.27
'Y' Levels Resumed				
TP		1846.923		36.634 ✓
		+10.289		
TP			-0.169	46.754 ✓
Locke Levels For Profile				
TP		37.1		36.63
	+0.5			
+75			8 ²	29 ¹
TP			-9 ⁶⁵	27 ⁵
	+10.34	37.84		
446			-15 ⁵	27.3

10-10-27

Decomposed Granite slope

check on TP 1249.262

Decomposed Granite slope

on hub of B.C. 445 + 50⁶/₁₃

check on TP Elev. 36.634.

small draw of Large Granite boulder
& Shumac

Sta.	+	T	-	E.I.
		37.84		
+25			-12 ²	25.8
+50			-2 ¹	35.7
TP		47 ²¹	-0 ⁶	3
	+10 ²			37 ²⁴
+75			-8 ⁹	38 ⁴
+93 ⁵⁶ E.C.			-3 ²	44 ¹
447			-1 ²	45 ⁶
			-0 ⁷	
		'Y' Levels		47 ¹⁴
TP		1856.954	Resumed	46.754 ✓
	+10.200			
+28 ²⁴ E.C.			-8 ⁶	48 ³
+50			-5 ⁴	51 ⁴
+75			-1 ⁴	55 ⁵
TP		1863.083	-0.139	56.815
	+6.268			
448			-3 ⁹	59 ²
+25			-5 ⁴	57 ⁶
+46 ³⁹ E.C.			-4 ⁹	58 ¹
+50			-4 ⁵	58 ⁵
449			-7 ²	55 ⁸
+25			-6 ⁶	56 ⁵
+50			-6 ⁵	56 ⁶
+62 ⁸⁶ E.C.			-9 ²	53 ⁴
450			-7 ⁹	55 ¹

Van Horn
Simpson
Clovert
10-12-27
Clear

up point of decomposed Granite

" " " "

check on TP Elev. 46.754

on point of decomposed Granite

Long 7% slopes of decomposed
Granite about 30% Rock

Sta.	+	TI	-	El.
		1863.083		
B.M. #42			-12.322	50.761 ✓
	+12.265	1863.026		
TP			-0.330	62.696
	+12.873	1875.569		
TP			-0.294	75.275
	+9.507	1884.782		
TP			-12.332	72.450
	+1.481	1873.981		
TP			-12.602	61.329
	+2.973	1864.302		
TP			-12.800	51.502 ✓
	39.099		38.359	
Locke Levels For Profile				
B.M. #42				50.761
	+9.65	60.41		
TP			-12.77	47.64
	+3.63	51.27		
+50			-9.1	42.2
+98 ⁹⁶ B.C.			-19 ⁸⁰	31.4
+51			-19 ⁸⁰	31.4
+25			-16 ²	35
TP			-11 ⁶³	39 ⁶⁴
	+11.55	51.19		
+50			-15 ⁴⁰	35.5
+75			-10 ³	40.7
1				

10-12-27

Lath driven in irregular rock 7' in circum
75' West of Sta. 449+50

Around Rocky Point Granite
Boulders 30% Rock.

10 sm. wash

" " " "

		51.19			
TP		56.39	1.88		49.31
	+7.08				
452				-5.3	51.1
	+25			-6.3	50.1
	+50			-8.4	48.0
	+75			-6.5	49.9
	+91 ¹⁵ B.C.			-2.6	53.8
453				-10.7	
TP				-0.9	55.49
	+7.32	62.81			
	+50			-4.9	57.9
454				-6.1	56.7
	+50			-7.6	55.2
	+59 ²⁶ E.C.			-8.4	54.4
	+75			-10.7	52.1
				-11.29	51.52
		Y' Levels Resumed			
		1853.594			
TP					51.502
	+2.092				
455				-7.9	45.7
	+25			-17.1	36.5
	+41 ⁹ B.C.			-22.2	31.6
	+50			-18.9	34.7
456				-8.4	45.2
	+50			-5.25	48.3

18-12-23
around Rocky Point 30% Rock

check in P. Eley 51.502

Sta.	+	T	-	El.
		18 53.594		
457			-6.6	47.0
+50			-6.8	46.8
458			-9.2	44.4
+50			-29.1	24.5
459			-7.8	45.8
TP			-6.600	46.794
	+13.00	1859.994		
+22 ⁷²	B.C.		-11.7	48.3
+25			-11.8	48.2
+50			18.5	41.4
+75			10.4	49.6
460			4.5	55.5
+25			2.9	57.1
+50			4.4	55.6
+75			4.0	56
TP			-4.60	55.394
	+1378			
461		1856.772	-11.1	45.7
+25	E.C.		-17.8	39.0
+50			-15.5	41.3
462			-8.0	48.8
+50			-4.9	41.8
463			-7.2	49.6
+50			11.2	45.6

Decomposed Granite 10%
slopes 30% Rock

Bot Sm Draw

" " "

Bot Sm Draw

Decomposed Granite 10% slopes
20% Rock

" " " "

Sta.	+	π	-	E.I.
		1856.772		
464			-4.20	52.6
+41 ¹²	B.C.		-15.4	41.4
+50			-16.1	40.7
+75			-16.2	40.6
465			-14.7	42.1
+25			-10.5	46.3
TP			-9.785	46.987
	+12.561	1859.548		
+50			8.3	51.3
+75			3.0	56.6
466			1.2	57.9
+08 ³³	E.C.		1.8	57.8
π			1.980	57.568
	+4.101	1861.669		
+50			-5.70	56.0
B.M. #13			-2.840	58.829 ✓
	+9.223	1868.052		
467			-36.1	32.0
+50			-17.35	50.7
+98 ⁰⁰	B.C.		14.1	54.0
468			14.1	54.0
+25			13.9	54.2
+33 ²⁷	E.C.		12.6	55.4
+50			12.1	56.0

Decomposed Granite 10% slopes
20% Rock

" " " "

" " " "

spike between 2 Rocks 140 N of 467

Bot of draw. 80% granite Boulder

		1868.052		
469			5.3	62.7
+50			4 ⁰	64.0
TP			5.990	62.062
	+12 ²⁴	1874.302		
470			-6.9	67.4
+38 ⁴⁷	BC		-2.1	72.2
+50			-0 ⁴	73.9
+75			-3 ¹	71.0
471			-8 ²	65.4
+15 ⁷⁵	EC		-10 ⁶	63.7
+50			-16 ⁸	57.5
TP			-12.879	61.423
	+1.527	1862.950		
472			-10.8	52.1
+09.8	BC		-11.5	51.4
+25			-13.9	49.0
+50			-16.9	46.0
+75			-17 ⁰	45.9
473			-17 ²	45.2
TP			-12.440	50.51
	+6.402	1856.912		
+25			-13.5	43.4
+50			-14.6	42.3
+75			-16.9	40.0
474			-17.2	39.7

Decomposed Granite 10%
slopes 15% Rock.

" " "
highest point
mark on $2' \times 3' \times 2\frac{1}{2}'$ high granite boulder
25' East of Sta. 472

Decomposed Granite 10%
slopes 15% Rock

on top large granite boulder $15' \times 15' \times 8'$ high

		1856.912			
+25			18°	38.9	
-TP			-12.578		44.334
		1850.569			
		+6.235			
+50			-13.1		37.5
+75			-13.5	³ 47.1	
+75			-12.7	³ 47.0	
+25			-11.7	³ 49.0	
+39	⁴⁸ E.C.		-11.10	³ 49.5	
+50			-10.80	39.9	
-TP			-5.060		45.509
		1854.980			
		+9.471			
476			-17.5	36.5	
+44	⁴⁶ B.C.		-9.4	45.6	
+50			-7.6	49.4	
+75			-3.45	51.5	
477			-0.9	54.0	
+25			-5.55	49.5	
+50			-8.5	46.5	
			-0.0	50.0	49.5
-TP			-5.10		49.88 ✓
		1860.737			
		+10.857			
+75			-2.4	58.3	
479 ²⁵			-4.0	56.7	
478			4.6	56.1	
+50			-10.3	50.4	
479			-12.5	48.2	

Decomposed Granite slopes
15% Rock

Rocky draw 20% Granite Boulder

^{Est draw}
on highest point granite boulder 15'
in circum 3' high 30' E.E. 477+25

TP	1860.737			
+50	+0.492	1848.747	-12.422	48.255
480			-5.4	43.3
+50			-10.2	38.5
TP	1837.094			35.831
+50	+1.263		-15.1	33.6
481			-8.1	29.0
+50			-12.1	25.0
TP	1825.667			24.757
+50	+0.910		-6.1	19.6
482			-12.6	13.1
TP	1813.834			13.301
+50	+0.531		-12.366	
483			8.2	05.6
TP	1801.881			01.062
+50	+0.819		-12.172	
484			-4.6	07.3
TP	1789.948			1790.3
+50	+0.835		-11.6	
485			-12.768	
TP				1789.113
+50			4.2	45.7
TP				78.726
+50			8.7	81.3
TP				
+50			11.222	78.7

Decomposed Granite 10%
slope 5% Rock

" " "

" " "

on sm. rock 1'x1' on E sta 481+64

high point on sm Rock 15 E. 482+50

Decomposed Granite slope

on sm Granite Boulder 15 E. 484+40

on Pavement Julian Highway.

		1782.147		
	+3.421			
TP		1784.487	-6.242	1775.905 ✓
	+8.582			
TP		1788.461	-1.888	82.599
	+5.862			
+50			2.8	85.7
486			4.7	83.8
+50			4.7	83.8
487			8 ⁰	80.5
+50			14 ²	73.8
TP			12.702	75.759
	+2.021	1777.78		
488			7.8	70.0
+50			-13.1	64.2
TP			-12.684	65.096
	+1.350	1766.446		
489			-7.1	59.3
TP			-11.825	54.621
	+0.675	1755.296		
+50			5.9	49.4
490			-12.4	42.9
TP			-13.076	42.22
	+1.374	1743.594 ✓		
+50			-12.3	41.2

on U.S.G.S. @ Forks of Road on Branch
to old Julian Highway. 2 1/2 mi
East of Ramona Elev. 1776
U.S. Coast & Geodetic Elev 1777

on even decomposed Granite 8%
slope to Creek about 5% granite
boulder outcrop. a few scattered oak

" " " " "

on slope to Creek 50% granite outcrop
oak and sycamore timber.
high point on sm. Rock 6' E of 489+25

high point on Large Flat Rock 10' x 10'
on # @ 490+15.

1743.594 ✓

TP

-0.213 43.381

Lock = Levels For Profile

43.59

TP

-12.22

31.37

+0.39

31.76

491.

-13.4

18.4

TP

-11.86

19.9

19.90

+0.80

20.70

+40

-15.1

5.6

+50

-11.5

9.2

TP

-1.74

18.96

+12.11

31.07

492

-1.40

29.6

TP

0.28

30.79

+13.08

43.87

0.51

43.36

Y Levels Resumed

TP

1755.267

43.381

+11.886

+50

0.7

54.9

493

+11.7

67°

+35

+21.4

76.4

TP

-0.635

54.632

+12.358

1766.99

TP

-0.638

66.352

+12.720

1779.072

on slope to creek 80% sheer
granite outcrop.

↖ creek, oak, sycamore & running $\#_{10}$
sta #91+75 edg of S. Bank.

shear granite outcrop.

↖ by hand level decomposed granite.

" " " to base of granite outcrop.

↖ TP. 1" hub 60' E #92+50 Lath marker.

		1779.072 ✓		
TP		1791.895	-0.012	79.060
	+12.835			
TP		1804.252	-0.680	91.215
	+13.037			
+50			-11.1	93.1
+75		1810.666	-1.9	
TP	+6.418		-0.003	04.249
494			-7.1	03.6
+50			-4.6	06.1
495			-5.5	05.2
+50			-9.3	01.4
TP		1802.697	12.156 ✓	1798.51
	+4.187			
496			-7.3	5.4
+50			-9.4	3.3
497			-6.6	6.1
+46			-5.2	7.5
+50			-2.6	0.1
TP		1812.109	-1.078	1801.619
	+11.550			
498			-6.1	7.1
TP	+11.462	1824.286	0.345	12.824
+50			-10.1	14.2
499			-5.6	18.7
+50			-2.7	21.6
TP			-0.602	23.684 ✓

mark on bench in cliff.

on shear granite outcrop.
top of " " "

mark on sm. knob on large table top of
outcrop 25' E. of 494.

Decomposed Granite Flat interspersed
with scattered oak. Some granite
outcrop.

edg. Road
top emb.

Decomposed Granite Slopes
cleared land.

		18 34.912		
	+ 11.228			
500			-9.5	24.8
+50			-5.9	28.4
			-2.6	31.7
TP		46.594	-0.608	34.304
	+12.290			
501				14.5
+50				11.1
502				7.5
+50				2.6
TP		1855.286	-0.563	46.031
	+9.255			
503			7.2	48.1
+50			6.4	48.9
504			12.2	43.1
+50			9.2	46.1
505			6.7	48.6
+50			4.5	50.8
TP		1856.017	-5.238	50.048
	+6.769			
506			9.0	47.8
+50			11.2	45.6
+65 ²³ B.C.			11.4	45.4
+75			11.6	45.2
507			12.9	43.9
TP			-12.905	43.912

Decomposed Granite slopes
cleared. For Farming.

		1499.819			
		+5.907			
507	+25		9.3	40.5	
	+50		14.0	35.8	
	+75		9.4	40.4	
508			9.7	40.1	
	+25		10.8	39.0	
	+50		11.8	38.0	
	+75		13.5	36.3	
TP		1837.913		-12.266	37.553
		+0.360			
	+85	²² E.C.	2.6	35.3	
509			4.4	33.5	
	+50		8.4	29.5	
510			13.1	24.8	
TP		1825.166		-12.579	25.334
		+0.352			
	+50		-4.5	21.2	
511			-6.9	18.8	
	+50		-8.8	16.8	
512			-12.3	13.4	
TP		1813.961	-12.838		12.848
		+1.112			
	+50		-4.4	9.5	
513			-8.8	5.1	
	+50		-13.7	00.2	
B.M #13		1806.562	-8.958		05.003 ✓

on large Rock 65' E. of Sta. 574+00 elev.
1805.022.

Check Levels From U.S.G.S.

			to	Topo
B.M.	1777.176		1776	
	+1.176			
TP	1765.918		-12.00	65.176
	+0.742			
TP	65.812		-9.711	56.207
	+9.605		-1.317	64.495
	+12.035	76.530		
TP	81.759		-3.033	73.497
	+8.262			
B.M.	85.397		-5.907	75.852
	+9.548			
TP	96.186		-0.117	85.280
	+10.906			
TP	1804.784		-0.550	95.636
	+9.148			
TP	1806.576		-0.930	03.854
	+2.722			
TP	1798.577		-8.858	97.718
	+0.859			
TP			-12.306	86.276
	+1.193	89.469		
TP	80.575		-12.936	74.533
	+6.042			
TP			-0.797	79.778
	+9.148	88.926		

Bench @ Forks of Road $2\frac{1}{2}$ E Ramona.

B.M. # Elev. 1860.69.

U.S.G.S Brass Plug @ Forks of Road.

City B.M. near sm. Green House

above Heilbrun's Elev. 1796.60

sm Rock N. wheel track of Rd 120'
W of Forks of Road to Green House

sm Rock in N. wheel track 200' E. of
Lane to Cissna Ranch.

on Rock on E. side of entrance
to Cissna Ranch

		88926 ✓		
TP		86.044	-5.963 ^{5 6 7}	82.963
	+3.081 ^{5 5 4}			
TP		86.429	-5.037	81.007
	+5.422			
TP		96.696	-0.118	86.311
	+10.385			
TP		1809.391	-0.245	96.457
	+12.940			
B.M. #43		1807.729	-4.369	25.022
	+2.707			
TP		1896.346	-12.813	94.916
	+1.430			
TP		83.191	-9.483	86.863 ⁸
	+6.328			
TP		1804.818	-0.296	82.895 ⁹
	+11.923			
TP		1845.892 ⁷	-0.369	24.849 ⁴
	+11.343			
TP		1827.868	-0.162	15.531 ⁶
	+12.338			
TP		1839.720 ✓	-0.749	27.119 ⁵
	+12.001			
TP		1849.681 ⁷	-0.306	38.814 ⁹
	+10.867			
TP		1860.811 ⁹	-1.752	47.829 ⁸
	+13.082			
B.M.			-1.033	60.944

on Rock 5' x 3' x 2' immediately S.
of small dark brown house E. on
S. edge of Rd.
Sm. Rock N. Wheel track 225' E. of
Brown House

Point on top of large Granite Boulder
65' E. of 514+00

City B.M. on Oak tree near road near Chicken Ranch
E.V.B. 60.69

#				
B.M. 43	1806.767		05.022	
	+1.745			
514			-8.1	98.7
TP	1795.369		-12.657	1794.11
	+1.259			
+50			-2.0	93.4
515			-7.5	87.9
+50			-7.2	87.7
516			-8.3	87.1
+14			-12.5	82.9
+50			-5.4	90.0
517			-2.2	93.2
TP	1805.926		-0.822	92.547
	+11.379			
+50			-9.00	96.9
518			-3.7	02.2
TP	1818.17		0.182	05.744
	+12.426			
+50			-9.6	08.6
519			-2.2	16.0
TP	1830.123		-0.753	17.417
	+12.706			
+37.73 BC			-8.7	21.5
+50			-11.3	25.9
+75			-0.2	29.8
PI			-2.172	29.251

mark
on top of Large Rock 65' E of 514+00

Decomposed Granite slopes cleared for
Farming a few scattered granite boulders.
Elev of top 8' higher on top huge boulder.

± Creek Bed Oaks, Sycamore.

Decomposed Granite slopes cleared
for Farming with scattered oaks
and a few Granite boulders.

		41.647		
	+11.696			
520			-8.6	33.0
+25			-6.4	35.2
+50			-3.8	37.8
+75			-2.3	39.3
+78 ⁴ E.C.			-1.9	39.7
<u>FP</u>		44.118	-1.301	40.346
	+3.772			
521			-3.5	40.6
+50			-5.0	39.1
522			-8.1	36.0
+50			-5.0	39.1
+76 ⁸ B.C.			-4.5	39.6
523			-4.5	39.6
+25			-5.2	38.9
+50			-6.4	37.7
+75			-7.5	36.7
+83 ⁵ E.C.			-7.6	36.5
524			-8.1	36.0
+50			-7.5	36.6
525			-6.5	37.6
+50			-6.0	38.1
<u>FP</u>			-5.412	38.706
	+5.880	44.086		
526			-7.00	37.586

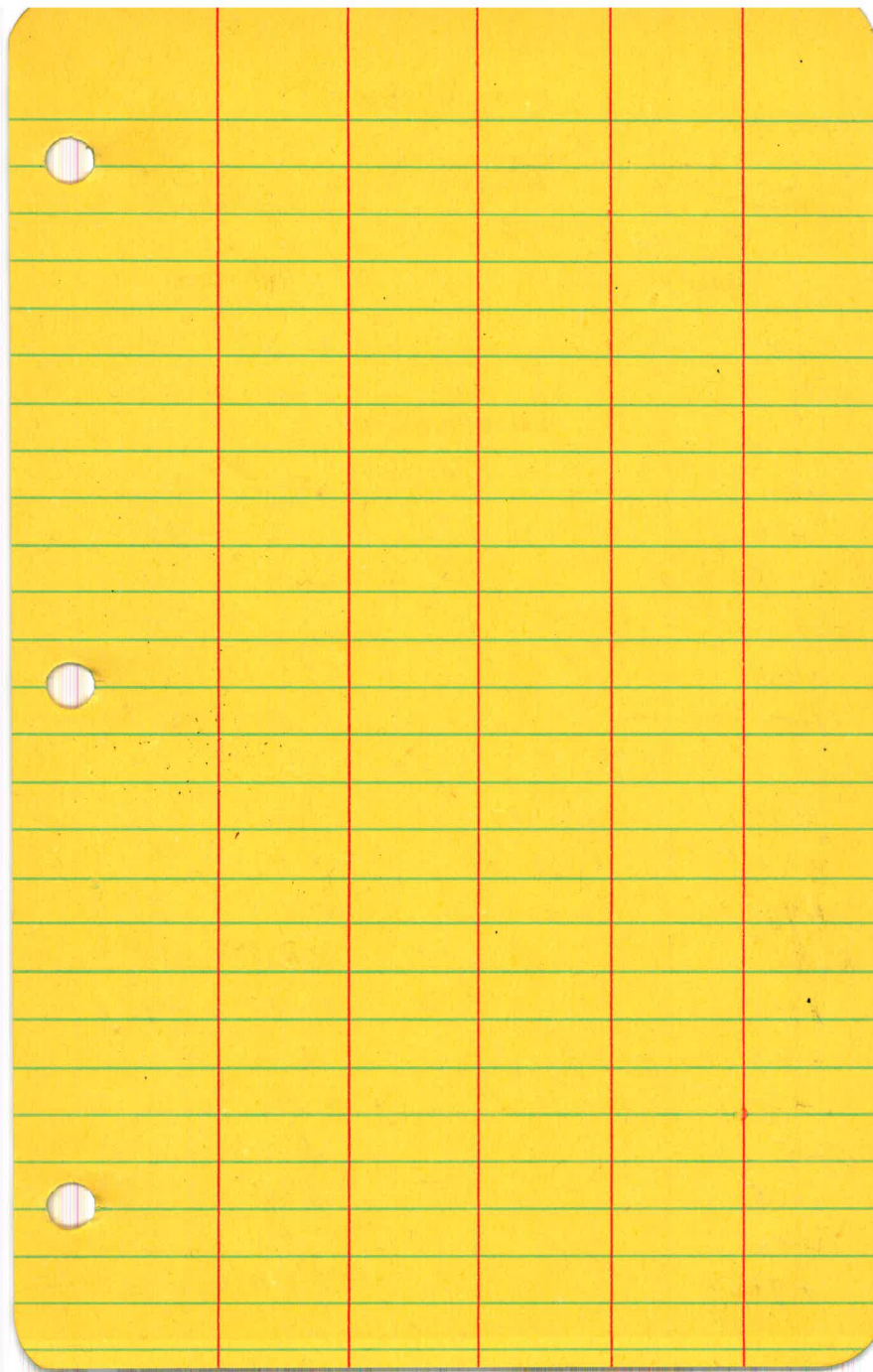
Decomposed Granite slopes cleared
For Farming with scattered
oak & a few Granite boulders.

		44.586		
+50			-8.1	36.5
527			-8.0	36.6
+50			-7.3	37.3
528			-6.1	38.5
+50			-5.6	39.0
+66 ⁵⁴	BC		-5.7	38.9
+75			-5.5	39.1
529			-6.4	38.2
+125			-7.7	36.9
+31 ⁴⁴	EC		7.6	37.0
+50			9.2	34.9
530			10.6	34.0
+50			7.0	37.6
531			-6.3	38.3
+50			7.0	37.6
TP		56.457	-0.870	43.716
	+12.741			
TP		64.629	-1.384	55.072
	+9.556			
B.M.			-3.700	60.929 = 60.943
	+2.535	63.498		
TP			-12.968	50.53
	+3.002	53.532		
TP			-12.998	40.534
	+2.118	42.652		

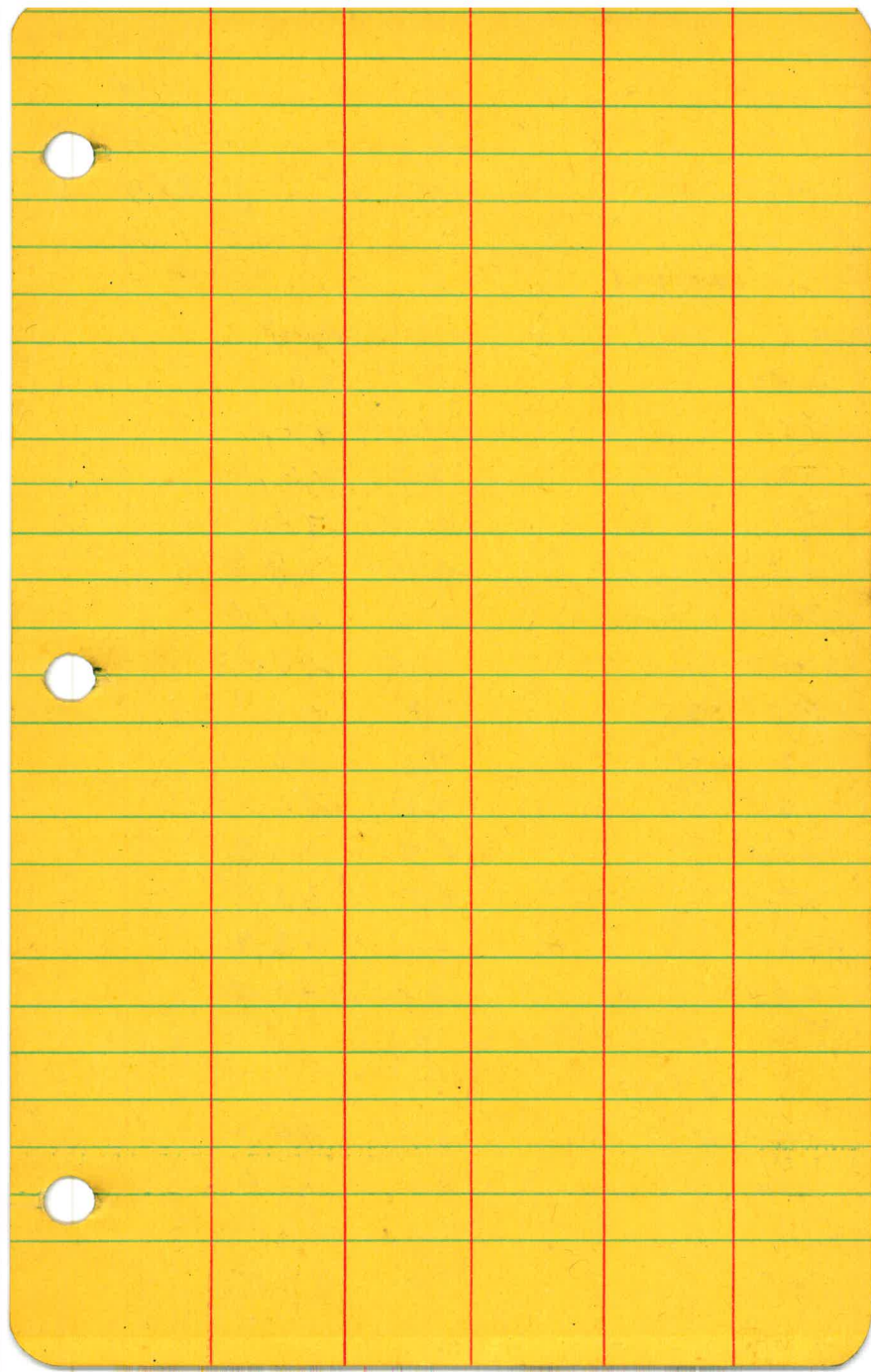
Decomp Granite slopes cleared
For Farming scattered oak &
a few Granite boulders.

on City B.M. on oak along Road near
Zimmerman's Chicken Coop Elex.
1860.943

532			-4.45	38.2
+50			-4.50	38.2
533			-4.30	38.4
+30			-6.20	36.5
534			-7.25	35.4
TP			-7.212	35.4 - 35.44
	+2650	38.090		
+50			-3.55	34.5
+61 ⁴²	B.C.		-3.30	34.8
+75			-4.05	34.0
535			-2.60	35.5
+25			-1.1	37.0
TP			-3.025	
	+8.677	43.742		
+50			-7.0	36.7
+75			-6.2	37.5
+95 ⁴⁹	E.C.		-5.3	38.4
536			-4.95	38.8
+50			-4.00	39.7
537			-10.30	33.4
+50			-9.15	34.5
538			-6.70	37.0
+50			-5.30	38.4
539			-4.15	39.5
+50			-5.10	38.6



		43.742		
<u>TP</u>			-6.705	37.037
	+4.183	41.220		
540			-4.90	36.3
+50			-4.85	36.3
541			4.80	36.4
+50			4.90	36.3
542			5.20	36.0
+50			5.70	35.5
+74	⁶ B.C.		6.40	34.8
543			6.90	34.3
+25			8.40	32.8
+50			8.10	33.1
+75			2	
<u>TP</u>		44.475	8.320	32.90
	+11.575			
+75			12.8	31.7
544			12.65	31.8
+25			12.5	32.0
+50			12.0	32.5
+75			11.0	33.5
545			10.10	34.4
+25			10.00	34.5
+50			9.7	34.8
+75			9.0	35.5



546		44.475	-8.1		36.4
+25			-7.1		37.4
+50			-6.0		38.5
+75			-5.1		39.4
B.M. #45		53.640		-2.065	42.410
		+11.230			
547+00 ³⁵	E.C.		-12.9	40.7	
+50			-10.5	43.1	
548			-9.0	44.6	
+50			7.5	46.1	
549			6.10	47.5	
+50			4.80	48.8	
550			5.6	48.0	
+50			6.5	47.1	
+95 ⁵⁴	B.C.		7.5	46.1	
551			7.6	46.0	
+25			7.5	46.1	
+50			8.7	44.9	
+75			9.8	43.8	
552			11.4	42.2	
+25			13.00	40.6	
T		+19.312	42.022	-12.812	+0.828
		+1.195			
+32 ⁹⁵	E.C.		1.8	40.2	
+50			3.0	39.0	
552			5.4	36.6	
+50			7.4	34.6	

spike in crack of small Rock in group
of 35m Rocks 10' x 10' x 1' 80' south
of 446 + 75 slightly beyond & between
2 small oaks.

		42023		
554			-9.2	32.8
+50			-9.65	32.3
555			-11.15	30.8
+50			-13.00	29.0
TP		37.698		-12.710
				29.313
		+8.385		
556			-10.6	27.1
+50			-12.8	24.9
+66	⁸⁸ End Line		-13.15	24.0
B.M.#45		49.441	-0.862	36.836
		+12.605		
TP		60.776	-0.835	48.605
		+12.170		
TP		73.663	-0.350	60.426
		+13.237		
TP		65.846	-12.665	60.998
		+4.848		
B.M.#44			-4.885	60.961

Mark on sm granite boulder $7' \times 2\frac{1}{2}' \times 1'$
50 E. of sta 555+00

on oak tree near Zimmermann's Ranch.

