



THIS PRINT IS CERTIFIED TO BE AN EXACT COPY OF THE ORIGINAL MAP OF KAREN MINE AND TO THE BEST OF MY KNOWLEDGE AND BELIEF SHOWS THE EXCAVATIONS IN SAID MINE.

R. R. Indard CHIEF ENGINEER  
DATED Feb. 6, 1949

**UNITED STATES STEEL CORPORATION**

**KAREN MINE**

**WASHINGTON CO. - PENNSYLVANIA**

SCALE 1" = 100'

OCT. 1, 1951.

DATUM OF LEVELS  
BASED ON U.S. GEOLOGICAL SURVEY

Date of Survey

Date Of Survey	Survey Letter	Plotted By	Traced By	Date Of Survey	Survey Letter	Plotted By	Traced By	Date Of Survey	Survey Letter	Plotted By	Traced By
12-5-51	A	J.S.	J.S.	12-5-57	T	W.D.W.	W.D.W.	6-6-67	M-1	D.L.S.	D.L.S.
6-5-52	B	N.H.E.	N.H.E.	6-2-58	U	W.D.W.	W.D.W.	12-6-67	N-1	J.S.	J.S.
12-4-52	C	A.M.C.	A.M.C.	12-5-58	V	W.D.W.	W.D.W.	6-6-68	O-1	E.L.	E.L.
6-5-53	D	A.M.M.	A.M.M.	6-5-59	W	W.D.W.	W.D.W.	12-6-68	P-1	E.L.	E.L.
9-5-53	E	J.S.	J.S.	12-6-59	X	W.D.W.	W.D.W.				
12-4-53	F	J.S.	J.S.	6-6-60	Y	W.D.W.	E.M.L.				
3-5-54	G	J.S.	J.S.	12-6-60	Z	D.L.S.	D.L.S.				
6-5-54	H	J.S.	J.S.	6-6-61	A-1	E.L.	E.L.				
9-3-54	I	J.S.	J.S.	12-6-61	A-2	E.L.	E.L.				
12-3-54	J	J.S.	J.S.	6-6-62	C-1	E.L.	E.L.				
3-4-55	K	J.S.	J.S.	12-6-62	D-1	E.L.	E.L.				
6-3-55	L	A.M.M.	W.D.W.	6-6-63	E-1	E.L.	E.L.				
9-6-55	M	J.S.	J.S.	12-6-63	F-1	E.L.	E.L.				
12-2-55	N	J.S.	J.S.	6-6-64	G-1	J.S.	J.S.				
3-5-56	O	J.S.	J.S.	12-6-64	H-1	E.L.	E.L.				
6-5-56	P	W.D.W.	W.D.W.	6-6-65	J-1	J.S.	J.S.				
9-4-56	Q	J.S.	J.S.	12-6-65	J-1	J.S.	J.S.-L.S.				
12-5-56	R	W.D.W.	W.D.W.	6-6-66	K-1	E.L.	E.L.				
6-6-57	S	D.L.S.	D.L.S.	12-6-66	L-1	D.L.S.	D.L.S.				

10	11	12
7	8	9
4	5	6
1	2	3

SHEET FIT-TO-PLAN

LAST MINING — 11-15-1968

LAST SURVEY — 12-6-1968

SEALS COMPLETED — 1-10-1969

