



RESERVE SUMMARY LOWER FREEPORT (D) SEAM HELVETIA COAL COMPANY									
		Remaining ROM Tons (000)							
Area	Type	Reserve Classification	Controlled Properties		Adversely Held Properties		Total		
			1966 C.S.A.	1966 Subtotal	1966 C.S.A.	1966 Subtotal	1966 C.S.A.	1966 Subtotal	
D-3	Deep	Measured	8,519	8,519	6	6	8,525	8,525	
		Indicated	1,201	1,201	1,201	1,201	2,402	2,402	
		Subtotal	7,318	7,318	17	17	7,335	7,335	
D-4	Deep*	Measured	2,520	2,520	10	10	2,530	2,530	
		Indicated	441	441	225	225	666	666	
		Subtotal	3,071	3,071	17	17	3,088	3,088	
	Surface**	Measured	73	73	34	34	107	107	
		Indicated	34	34	34	34	68	68	
		Subtotal	107	107	68	68	175	175	
	Total	Measured	2,593	2,593	10	10	2,603	2,603	
		Indicated	322	322	257	257	579	579	
		Subtotal	4,318	4,318	17	17	4,335	4,335	
D-5	Deep	Measured	4,248	364	4,632	4,632	8,880	4,632	
		Indicated	1,296	103	1,399	1,399	2,695	1,399	
		Subtotal	2,880	230	518	518	3,398	6,031	
	Surface**	Measured	1,322	257	1,579	1,579	2,901	1,579	
		Indicated	118	12	130	130	248	130	
		Subtotal	129	12	11	11	140	260	
	Total	Measured	4,366	376	4,742	4,742	9,081	4,742	
		Indicated	1,400	103	1,410	1,410	2,810	1,410	
		Subtotal	2,966	230	518	518	3,480	6,200	
TOTALS									
D-3	Deep	Measured	15,307	364	15,671	14	15,685	14	
		Indicated	3,088	103	3,191	7	3,198	7	
		Subtotal	18,395	467	18,862	21	18,883	21	
	Surface**	Measured	191	12	203	34	237	34	
		Indicated	225	12	237	68	305	68	
		Subtotal	416	24	440	102	542	102	
	Total	Measured	15,498	376	15,874	48	15,922	48	
		Indicated	3,123	103	3,226	75	3,301	75	
		Subtotal	18,621	479	19,099	123	19,222	123	
D - D Seem			18,719	707	19,426	21	19,447		

* Includes all prior and border reserve.

** Includes total and sub surface of 1/1/71.

*** Includes strip and super reserve.

LEGEND

CONTROLLED PROPERTIES (AS OF 1966 COAL SALES AGREEMENT)

THE HELEN MINING COMPANY
HELVETIA COAL COMPANY

CONTROLLED PROPERTIES (ACQUIRED AFTER 1966 COAL SALES AGREEMENT)

THE HELEN MINING COMPANY
HELVETIA COAL COMPANY

ADVERSELY HELD PROPERTIES

PROPERTIES RELEASED TO ORIGINAL OWNERS (BASED ON 1974 AMENDMENT)

RESERVE AREA DESIGNATION

● N-65
● D-74
● D-9

DRILL HOLES - PENETRATING (D) SEAM
DRILL HOLES - NOT PENETRATING (D) SEAM

MINE DATA POINTS

GAS WELL LOCATIONS

OUTCROP - LOWER FREEPORT (D) SEAM

LOWER FREEPORT (D) SEAM ISOPACHS
(14%)

RAW ASH ISOLINES (DRY BASIS)

SEAM HEIGHT RESERVE CUT-OFF LINE (30")

RESERVE CLASSIFICATION LINE

DEEP MINE WORKINGS - INACTIVE

SURFACE MINED OVER AREAS

PILLAR & BARRIER RESERVE AREAS (ACTIVE MINE)

SURFACE MINING RESERVE AREAS

DEEP COAL RESERVES - MEASURED

DEEP COAL RESERVES - INDICATED

DEEP COAL RESERVES - INFERRED

Helvetia Recommended Fields
Homer City Company Recommended Fields
John T. Boyd Company Recommended Fields

Drilling Programs

RESERVE SUMMARY LOWER FREEPORT (D) SEAM THE HELEN MINING COMPANY							
		Remaining ROM tons (000)					
		Controlled Properties		Adversely Held Properties		Total	
Area	Type	Reserve Classification	C.S.A. 1966	C.S.A. Subtotal	Adversely Held	Adversely Subtotal	Total
D-1	Deep	Measured	8,351	8,351	120	8,471	8,471
		Indicated	1,251	1,251	806	2,057	2,057
		Subtotal	10,602	10,602	926	11,528	11,528
		Subtotal	1,938	1,938	3,032	4,970	4,970
D-2	Deep	Measured	3,032	3,032	3,032	6,064	6,064
		Indicated	896	896	0	896	896
		Subtotal	3,928	3,928	3,032	6,960	6,960
		Subtotal	5,222	5,222	0	5,222	5,222
	Total - D Seam	Measured	10,309	10,309	10,309	20,618	20,618
		Indicated	4,283	4,283	4,283	8,566	8,566
		Subtotal	14,592	14,592	14,592	29,184	29,184
		Subtotal	15,230	15,230	15,230	30,460	30,460

Note: Entire (D) Seam reserve for
The Helen Mining Company
released under in 1978 agreement.

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(PHASE I) Luc #9
Drilling PROGRAM
7/8/82

EXHIBIT No 7
SHEET 1 of 2
1" = 1000'