

Island Run Mine

- Upper Freeport Coal - average thickness 3.5'
- The mine appears to be isolated
- Deep mine area: West half 70 acres, East half 85 acres
- Access to the site and the proposed work area are good
- No strip mines associated with this site
- Small potential for future stripping
- Many monitoring points - discharges moderately easy to monitor > one major discharge
- Drilling depths up to 190'
- Mineral Rights Owner
West half of mine
C.L. Zinsmeister
58 West Channel St.
Newark, Ohio
(owns all coal except the "Sulfur Vein" (Lower Kittanning) and the "Block Vein" (?))
- East half of mine
George Daniels Jr. ?
- Surface Owners (West section of mined area)
Paul Vojnovich
Michael Shorak
Doris Dawson
Andy C. Johnson
Victor E. Stahl Jr. } primary

Ohioville Water Quality

	9/26/77 Friday	10/1/77	10/15/77	11/1/77	11/15/77	11/27/77
pH	6.2	5.9	6.3	3.8	7.5	7.7
total acidity (mg/l)	-4	136	12	250	-152	-82
total iron (mg/l)	0.08	26	2.24	62	0.34	0.24
ferrous iron (mg/l)	< 0.06	22	< 0.2	31.4	< 0.2	< 0.2
aluminum (mg/l)			1.7	1.8	0.2	0.2
manganese (mg/l)			0.19	4	< 0.02	< 0.02
sulfate (mg/l)	398	730	300	1000	50	70
flow (gpm)	0.5	10.6+	0.1	0.8	8.6	2 (approx.)
conductivity (umhos/cm @ 25°C)	735	1380	585	2245	450	455

LEGEND

- Y Drift entry - positive identification (Elevations shown were obtained with the use of an altimeter)
- Probable Drift entry
- 980 Structure Contours on Upper Freeport Coal (Taken from Pennsylvania Geologic Survey Map 43-1975 Greater Pittsburgh Region Structure Contour Map)

