DRILL LOG — HUMBLE OIL & REFINING CO. – EASTERN DISTRICT – Lake Superior P

DRILL HOLE NO. R-2-1A | LOCATION: STATE MINN | COUNTY KOOCHICHING | Sec 10 SW 1/4

PROSPECT RAINY RIVER | BUDGET NO E-1142 | DEPTH 473' | LAT 48° 50' 50" N | LONG 93° 45' 50" W

DATE COLLARED AUG 19, 1969 | DATE COMPLETED AUG 27 1969 | CORE RECEIVED 100 %

CORE LOGGED BY PG SCHMIDT | DATE SEPT 9 1969

PROPERTY MINERALS MIRON SMART & STATE OF MINN

SUMMARY DRILL LOG 1" = 150' | SUMMARY MINERALIZATION

DEPTH	UNIT	DEPTH	ANALYSES
	Greywacke	253' to 285'	Pb 5% to 10% Cu 40 to 100 ppm Zn 75 to 1100 ppm
		322' to 341'	Pb 5% to 20% Cu 85 to 150 ppm Zn 90 to 805 ppm
		365' to 400'	R 2% to 7% Cu 100 to 150 ppm Zn 90 to 150 ppm
		423' to 448'	R 5% Cu 630 ppm Zn 2000 ppm Ag 2 ppm

REMARKS: Offset to R-2-1, 15c. Entire hole crushed & pulverized for metallurgical tests. Low values.

PLUGGED OF

CASIN

CORE

NO	83
BO	303

Overburden

Greywacke

Greywacke ; Granite Lt-pnk-lt. grn. granitized

Greywacke semi-massive sulfides ; graphite 235' to 285'

Felsic volcaniclastic semi-massive sulfides ; graphite

Greywacke graphite, minor sulfides

Mafic volcaniclastic, minor sulfides

Greywacke

Greywacke

Greywacke

Greywacke

Granite

Greywacke

Granite

Greywacke

Greywacke

Chlorite Greywacke

Greywacke

Greywacke

Greywacke

Massive Greywacke

Massive Greywacke

Massive