LEGEND

Gravel, Shale Slab, Rhyolite, Sandstone, Andesite, Limestone, Dolomite, Qtz. Monz. Por., Dolomite, Granodiorite, Chert

Mine: Area X, Kansas Missouri Chevalier Co.
Date Started: 9-6-48
Date Stopped: 9-21-48
Lessee: The Pittsburg & Midway Coal Mng. Co.

Site: Section 22 T 32 S, R 22 E
Bearing:
Inclination: Vertical 90° Azm.
Location: 151.8' N & 41.1' W of S.E. Corner Section 22

Coordinates Of Collar: Bottom
North:
East:

Elev. of Collar: 876.46'
Elev. Water Table: Dry Hole Surface Water Only 0'
Elev. of Bottom: 267'
Length of Hole: 609'
Driller: Sills & Sill Drilling Co. P.H. Sill

Drill Hole No. K-6
Sheet 2 of 4
Scale One Inch = 20 Feet

Date Drilled	Elev.	Feet	Log Rec. C / B	Rock and Alt.	Geology	Condition of Hole	Int.	Core Recovery Ft.	Core Recovery Lbs.	Core Recovery %	Core Assay Sample No.	Core Assay Copper Total	Core Assay Copper Oxide	Sludge Recovery Fac.	Sludge Recovery Lbs.	Sludge Recovery Tot. Lbs.	Sludge Recovery Lbs. Rec.	Sludge Recovery %	Sludge Assay Sample No.	Sludge Assay Copper Total	Sludge Assay Copper Oxide	Conc. Ratio	Accepted Assay Copper Total	Accepted Assay Copper Product	Accepted Assay Copper Oxide	Accepted Assay Copper Product	Interval	Grouped Averages Copper Total	Grouped Averages Copper Product	Grouped Averages Copper Oxide	Grouped Averages Copper Product	Grouped Averages	Composite Assay	Remarks
						0-385' 12" casing used; 385' 6" hole																												
	876.46			261	28'																													
						Filled Coal Shaft																												
						Pit																												
					30'	Light grey sandy limy shale																												
					35'	Grey shale																												
					48'	Black lime; trace coal @ 52.5																												
					52'	Sandy lt grey shale & shale																												
					60'	Sandy lt brown shale & shale																												
					80'	Grey shale & slate trace coal																												
					90'	Sandy, light grey shale	to 100'																											
					110'	Black shale & slate																												
					120'	Grey shale																												
					125'	Light grey shale																												
					130'	Black & dk grey shale																												
					135'	Grey shale																												
					155'	Black shale																												
					165'	Sandy, light grey shale																												
					172'	Limy, grey shale																												
					182'																													

Cherokee Formation

Date Drilled	Elev.	Feet	Log Rec. C / B	Rock and Alt.	Geology	Condition of Hole	Int.	Core Recovery Ft.	Core Recovery Lbs.	Core Recovery %	Core Assay Sample No.	Core Assay Copper Total	Core Assay Copper Oxide	Sludge Recovery Fac.	Sludge Recovery Lbs.	Sludge Recovery Tot. Lbs.	Sludge Recovery Lbs. Rec.	Sludge Recovery %	Sludge Assay Sample No.	Sludge Assay Copper Total	Sludge Assay Copper Oxide	Conc. Ratio	Accepted Assay Copper Total	Accepted Assay Copper Product	Accepted Assay Copper Oxide	Accepted Assay Copper Product	Interval	Grouped Averages Copper Total	Grouped Averages Copper Product	Grouped Averages Copper Oxide	Grouped Averages Copper Product	Grouped Averages	Composite Assay	Remarks
					188'	Limy, grey shale																												
					190'	Dark grey shale	to 200'																											
					200'																													
						Sandy lt grey shale																												
					230'	Dark grey shale trace coal																												
					235'																													
						Grey shale	to 250'																											
					255'	Grey shale & sandstone trace coal	gas 260'																											
					260'	Dark grey shale																												
					275'	Limy, dark grey shale	to 280'																											
					290'	Dark grey shale	to 300'																											
					300'	Limy, grey shale																												
					305'	Dark grey shale	for																											
					310'	Limy, grey shale																												
					315'	Grey shale	for																											
					320'	Dark grey shale	for																											
					335'	Limy, grey shale																												
					340'	Grey shale	for																											
					345'	Limy, grey shale	to 350'																											
					350'	Dark grey shale																												
439'					377'	Coal only																												
					380'	Dark grey lime, speck chert																												
					385'	Dark grey lime, trace chert																												
					390'	Dark grey lime, soft chert																												

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Date Drilled	Elev.	Feet	Log Rec. C / B	Rock and Alt.	Geology	Condition of Hole	Int.	Core Recovery Ft.	Core Recovery Lbs.	Core Recovery %	Core Assay Sample No.	Core Assay Copper Total	Core Assay Copper Oxide	Sludge Recovery Fac.	Sludge Recovery Lbs.	Sludge Recovery Tot. Lbs.	Sludge Recovery Lbs. Rec.	Sludge Recovery %	Sludge Assay Sample No.	Sludge Assay Copper Total	Sludge Assay Copper Oxide	Conc. Ratio	Accepted Assay Copper Total	Accepted Assay Copper Product	Accepted Assay Copper Oxide	Accepted Assay Copper Product	Interval	Grouped Averages Copper Total	Grouped Averages Copper Product	Grouped Averages Copper Oxide	Grouped Averages Copper Product	Grouped Averages	Composite Assay	Remarks
					395'	Speckled grey lime; dark grey, white chert																												
					405'	Cream-white lime, white chert (Lime green black velvety material)																												
					415'	Cream white lime, white & tan chert																												
					420'	White & tan lime, white & lt grey chert																												
					425'	Tan lime, grey white & tan chert																												
					430'	Dark brown grey lime, white chert																												
					435'	Dark brown lime; white chert																												
					440'	Dark brown lime; black velvety tan - white chert																												
					445'	Brown & grey lime, white & white cotton																												
						Green & white cotton rock																												
					465'	Brown white lime; white chert																												
401'					475'																													
						Light grey & tan lime stone; white chert																												
					510'																													
						Light tan lime, white yellow mottled grey, & tan chert																												
337'					565'																													
						Brown dolomite, light grey & white chert																												
301'					575'																													
						Brown dolomite, dark grey, light grey, & tan chert																												
					591'																													

Pink Lime Formation

Date Drilled	Elev.	Feet	Log Rec. C / B	Rock and Alt.	Geology	Condition of Hole	Int.	Core Recovery Ft.	Core Recovery Lbs.	Core Recovery %	Core Assay Sample No.	Core Assay Copper Total	Core Assay Copper Oxide	Sludge Recovery Fac.	Sludge Recovery Lbs.	Sludge Recovery Tot. Lbs.	Sludge Recovery Lbs. Rec.	Sludge Recovery %	Sludge Assay Sample No.	Sludge Assay Copper Total	Sludge Assay Copper Oxide	Conc. Ratio	Accepted Assay Copper Total	Accepted Assay Copper Product	Accepted Assay Copper Oxide	Accepted Assay Copper Product	Interval	Grouped Averages Copper Total	Grouped Averages Copper Product	Grouped Averages Copper Oxide	Grouped Averages Copper Product	Grouped Averages	Composite Assay	Remarks
					597'	Brown dolomite, dark grey & lt grey chert.																												
	267'				608'	End																												

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