

TECHNICAL REPORT

and

SUPPORT DATA

Concerning OPAP GRANT No. OP90-074

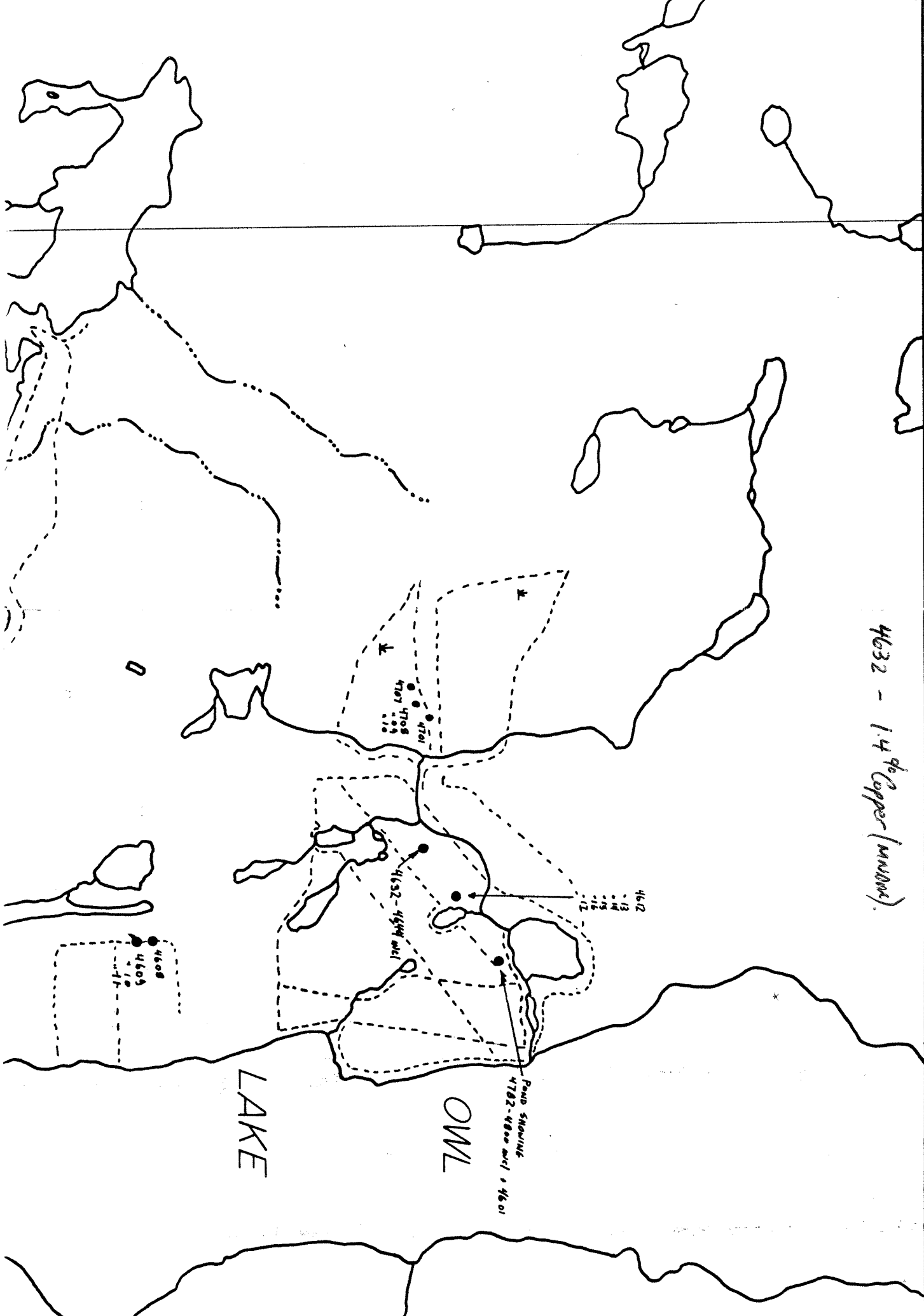
in the name of

DAVID E. CHRISTIANSON



OP90-073
(Erik Christianson)

4632 - 1.4% Copper (MINOR)



4612
-13
-14
-15
-16
-17

4701
4708
4707
4709
4710

4632-4634

4608
4609
4610

Pond showing
4782-4800 and 4601

LAKE

OWL

SAMPLE DESCRIPTION/ASSAY DATA...

pg 7

<u>Samp. #</u>	<u>Description</u>	<u>Page</u>
4632	qtz, wht with incl host rock, blotchy sulph min, mostly chalco, py, much malachite & azurite staining	46
4633	volc, wall/host rock, chlorite-rich, silic volc	46
4634	same as 4632	46
4635	same as 4634	46
4636	qtz, wht, vit, sim to last series, incl host rock & minor mo	46
4637	sim to 4636, +sulph (py & cu)	46
4638	duplicate 4637	46
4639	volc, typical pkg host, with local mass sulph (most py)	46
4640	sim to 39, highly silic, much qtz, local mass f.g. py	46
4641	qtz, wht & rusty, local mass sulph, up to 3/8" crystals	46
4642	qtz, cherty-looking, more malachite oxidization	46
4643	volc, typical with mass to local mass sulphides	46
4644	duplicate of 4642 above	46
4645	qtz, wht, rusty, sugary + smokey var, py, mo & cu	46
4646	sim to 4645 (dup)	46
4647	qtz, rusty, white, sugary, some flakes mo	46
4648	qtz, white (bull), some minor py & mo	46
4649	same as 47-48 above	46
4650	qtz, wht, much mo & vis chalco	46
4651	sim to 4650, less mo	46
4652	duplicate 50-51 above	46
4653	continue series from same location for crush	46
4654	" " " " " " "	46

SAMPLE DESCRIPTION/ASSAY DATA...

pg 7

Samp. #	CRUSH/PAN RESULTS	ppb	ppm	ppm	ppm	ppm	ppm
		Au	Ag	Cu	Ni	Zn	Mo
4632	MNDM assay.....	nil	tr	1.394%			
4633	crush/pan res = only slight colour of sulph in pan ?						
4634	.....	18		3100			
4635	= much py, distinct cu, po?						
4636	= sim to above, less cu						
4637	.....	8		200			
4638	= good py recov, only minimal cu if any						
4639	.....	26		71			
4640	= much fine py only						
4641	= mass py, some cu?, poss mag (po?)						
4642	= somewhat sim to 41, def cu (minor)						
4643	MNDM assay.....	nil	nil	.042%	.022%	.007%	
				cu	ni	zn	
4644	crush/pan res = not crushed						
4645	.....	21		120			
4646	MNDM assay.....	nil	nil			.021%	
						mo	
4647	crush/pan res = minor py, flakes moly float off/grind up						
4648	= crushed - not panned						
4649	= " " "						
4650	.....	47		120			
4651	= crushed-not panned						
4652	MNDM assay.....	nil	nil			2.56%	
						mo	
4653	= crushed-not panned						
4654	= crushed-not panned						

Laboratory Report

Date Sept. 19, 1990

Mark Smyk, Staff Geologist, M.N.D.M., P.O. Box 5000, Thunder Bay, Ont. P7C 5G6

Sample Number	Gold Oz. Per Ton	Silver Oz. Per Ton	Cu%	Zn%	Ni%	Pd Ppb	Mo%
-BDC-02	Nil	Nil	0.010	0.001			
-03	Nil	Nil					
-04	Nil	Nil	0.016				
-05	Nil	Nil	0.007				
-06	Nil	Nil	0.042	0.001			
-07	Nil	Nil	0.062		0.004	< 10	
-08	Nil	Nil	0.075				
-09	Nil	Trace	1.394				
-10	Nil	Nil	0.042	0.007	0.022		
-11	Nil	Nil					0.021
-12	Nil	Nil					2.566