

DIAMOND DRILLING



42A02NW1150 15 FALLON

010

TOWNSHIP: FALLON

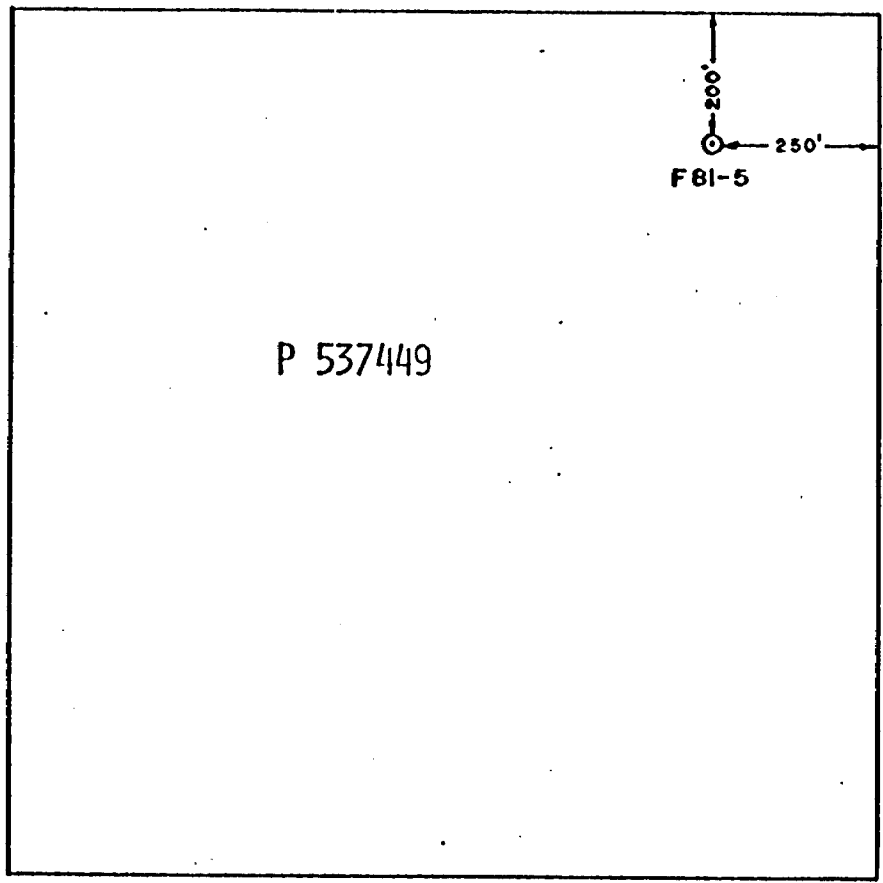
REPORT No.: 15

WORK PERFORMED BY: TECK EXPLORATIONS LTD.

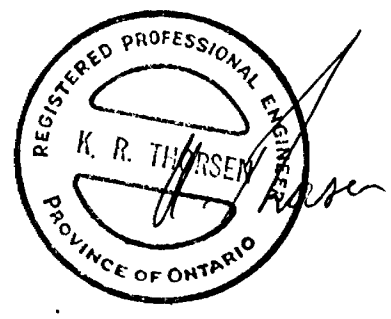
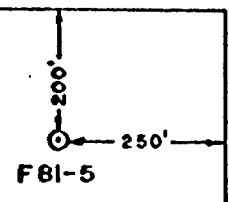
<u>CLAIM No.</u>	<u>HOLE No.</u>	<u>FOOTAGE</u>	<u>DATE</u>	<u>NOTE</u>
P 537449	F 81-5	1328.0	MAR/81	(1) (2)
P 536824	F 81-6	783.0	APR/81	(3)

NOTES:

- (1) #163 -81
- (2) #233-81
- (3) #169-81



P 537449



Scale 1" = 300'



LITHOFACIES CODES USED IN DETAILED LOGS

M mixtites

Mm. matrix supported
Mc. clast supported
M.m massive
M.s stratified

S sandstones

Sr ripples
Sh horizontal lamination
Sm massive
Sg graded

A argillites

Am massive
Al laminated, thin silt, sand beds
Ap pseudonodules
A.d dropstones

/ = erosional base of unit eg. /Sm

--> = gradational top of unit eg. Sh-->

grain size abbreviation vf = very fine, f = fine, m = medium,

c = coarse, vc = very coarse

lam = laminated, sm = small, w = with, occ = occasional, gr = grain(ed)



TECK EXPLORATIONS LIMITED

DIAMOND DRILL LOG

Hole F81-5
Sheet 1 of 8

Job No. <u>92</u> N.I.S. <u>42A 2/3</u>	Objective <u>Test Huronian for Placer Gold</u>	Core Location <u>North Bay</u>	Tests	Location Sketch
Project <u>Fallon Gold</u>	Drilling Co. <u>Amalgamated Diamond Drilling</u>	Distance to water <u>800.00'</u>	At Collar <u>90°</u>	
Township <u>Fallon</u>	Commenced <u>March 1, 1981</u>	Casing Lost <u>Nil</u>	Dip <u> </u>	
Location: Lat. <u>Claim P537449</u>	Completed <u>March 30, 1981</u>	Core Size <u>AQ</u>	Arimuth <u> </u>	
Dep. <u> </u>	Length <u>1328.00'</u>			
File'n <u> </u>				
Logged <u>A. Miall</u>				
Remarks <u> </u>				

Footage		Rock Type	Description	Sample No.	From	To	Length Feet	Assays
From	To							
0.00	16.00		Ap silty					
16.00	29.00		/Sh pink, f-m gr, rare Sr blebby in upper half & w scat sm A clasts -->					
29.00	49.00		Am, scat Ap					
49.00	55.00		/Sh f gr grey, qtzose, lam, poss CV (0.8 inches thick at 52.0, Sample 52.8 --->					
55.00	93.00		Al w loading, Sr, scattered dropstones in lower 10 feet					
93.00	98.00		Am -->					
98.00	99.00		Ap					
99.00	100.00		/Sg m-f abut A clasts at base					
100.00	110.00		Am					
110.00	114.00		Ap -->					
114.00	119.00		/Sg v c --> f					
119.00	122.00		Al, scat dropst -->					
122.00	132.00		Am					
132.00	135.00		/Sm c gr at base, some v c - m variation (multistorrey) fu at top --->					
135.0	136.00		Ap --->					
136.0	144.0		As 132.0-135.0					
144.00	146.00		Am scat dark gy blebs (silt?) in greenish mtx, thin Al at top					
146.00	147.00		Ap -->					
147.00	149.00		/Sm m gr -->					
149.00	159.00		Al with thin Sr					
159.00	161.00		/Sh --> Sh is v f gr -->					
161.00	162.00		Al					
162.00	175.00		Am, scat Ap & thin Al at top -->					
175.00	178.00		Sm, m w abut loading & A clasts					
178.00	187.00		Al, scat Sh & Ap					
187.00	190.00		Am					
190.00	194.00		Ap, silty at base --> arg w large loadballs pinkish v f s					
194.00	199.00		/Sp v c --> f with lenses A clasts					
199.00	203.00		Al w scat Sp at base					
203.00	208.00		Am green --> brown					
208.00	211.00		/Sg v c & f pebbly at base --> f -->					
211.00	214.00		Al w dropst					
214.00	228.00		Am w scat p					



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DIAMOND DRILL LOG

Hole F81-5
Sheet 2 of 8

Job: <u>N.T.S.</u>	Objective: _____	Core location: _____	Tests	Location Sketch
Property: _____	Drilling Co.: _____	Distance to water: _____	At Collar Dip Azimuth	
Township: _____	Commenced: _____	Casing Lost: _____	_____	
Location: Lat. _____	Completed: _____	Core Size: _____	_____	
Dep. _____	Length: _____	_____	_____	
Elev'n _____	_____	_____	_____	
Longed _____	_____	_____	_____	
Remarks: _____	_____	_____	_____	


Footage		Rock Type	Description	Sample No.	From	To	Length Feet	Assays
From	To							
228.00	230.00		Sp, (Ap?) v f sandy at base --> A matrix at top w conv lam & pseudonod					
230.00	236.00		/Sm, scoured base, mainly m gr, with lenses of. abut A clasts, fu at top -->					
236.00	246.00		A1 as 248.00-279.00--> Am at 238.0					
246.00	248.00		/Sg m - v f					
248.00	279.00		A1 w Sh --> Sp couplets, #8 inches thick, thin Sr lam, scattered dropst					
279.00	288.00		Am, scattered sandy blebs -->					
288.00	289.00		/Sh --> Sp (Ap? - Sp & Ap are essentially the same thing), (Sp v f - silty) -->					
289.00	292.00		Am					
292.00	295.00		/Sg v c -> f, abut A clasts nr base -->					
295.00	300.00		A1 w thin Sr, scattered dropst nr top					
300.00	307.00		Am, scat blebby at base					
307.00	309.00		/Sr v f gr, pinkish, --> arg & blebby at top -->					
309.00	310.00		Am					
310.00	312.00		Sh, v f - silty, lam, w abut loaded conv lam -->					
312.00	317.00		/Sg, granite pebbles --> 0.8 inches at base, w v c ss--> f at top -->					
317.00	323.00		A1 w typical thin/Sr/lam, loading at top					
323.00	333.00		/Sg, reverse gr c -> f pebbly in lower 4 inches then gradual fu w some multistorey reversals -> f gr					
333.00	333.10		A1					
333.10	337.00		Sh m gr -->					
337.00	338.00		/Sm v c, abut scat arg & deformed A clasts, rare granite pebbles, loaded base -->					
338.00	339.00		A1, scat m gr sandy dropst					
339.00	348.80		Sh c-v- c fine lam prominent, no cyclicity -->					
348.80	349.00		/A1/					
349.00	360.00		Sm, w 3 v c-->m cycles, rapid gradational bases, gradual fu, conv lam (load on slump) Sr at top-->					
360.00	361.00		A1					
361.00	371.00		as 349.0-360.0					
371.00	377.00		Sg m gr at top, scat A clasts at base					
377.00	377.30		/Mnc, and A clasts --> 1.2 inches -->					
377.30	378.00		A1					
378.00	382.00		Sg v c -> f -->					
382.00	383.00		/Mnc as 377.0-377.3					
383.00	391.00		Sg v c --> v f, large A clasts nr base					



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DIAMOND DRILL LOG

Hole F81-5
Sheet 3 of 8

Job No. <u>N.T.S.</u>	Objective _____	Core Location _____	Tests At Collar Din Azimuth _____ _____ _____	Location Sketch 
Property _____	Drilling Co. _____	Distance to water _____ Casing Lost _____		
Township _____	Commenced _____	Core Size _____		
Location: Lat. _____	Completed _____	Length _____		
Dip. _____	Remarks _____			
Elev'n _____				
Logged _____				


Footage		Rock Type	Description	Sample No.	From	To	Length Feet	Assays
From	To							
391.00	392.00		A1					
392.00	408.00		/Sm reverse grading c -> f pebbly up to 406.00 then c gr & w occ v f arg lam (multistorey) & occ v c lenses. Cluster of granite clasts (prob dropstones) at 403.00 -->					
408.00	412.00		as 383.0-391.00 Sm + Sh, mainly c gr, no obvious cyclicity, schist clast 1.2 inches diam nr top					
412.00	414.00		A1					
414.00	419.00		Sg, v c-f with some gr size reversals near top scat flat A clasts -->					
419.00	421.00		/Mmc granite clasts --> 1.2 inches -->					
421.00	425.00		/Sm c-v c, multistorey (vague gr size variations), no fu (fining upwards) or cu (coarsening upwards)					
425.00	427.00		A1/Sm/Sr interbedded, /Sm/ units --> 6.3 inches, no obvious cyclicity, Sr common, v small ampl small scat dropstones					
427.00	429.00		/Sm fine pebbly, scoured base w 0.4 inches relief					
429.00	436.00		/Sg v c -> m					
436.00	439.00		A1 abut sandy lenses, abut Sr, granite dropstone 0.4 inches diam near top					
439.00	455.00		Sg v c gr, v gradually -> f gr --> Sample 453.7					
455.00	460.00		/Mmc granite clasts --> 1 inch mainly ang, rarely rd, very gradual transition -->					
460.00	460.10		A1					
460.10	463.50		Sm showing reverse grading relative to 463.50-464.70, mainly vc c gr					
463.50	464.70		A1, abut sandy lenses -->					
464.70	465.00		/Sm/ v c - pebbly					
465.00	477.00		/Sg as 465.00-477.00 pebbly --> v f ss, ripples at top, otherwise massive					
477.00	483.00		/Mmc, granite pebbles --> Smm w flat and A clasts --> Scm (Matrix of cong similar to 483.00-489.00 -->, fu (fining upwards)					
483.00	489.00		/Sg as 465.00-477.00					
489.00	489.50		/Sg v c->m					
489.50	490.00		/A1/					
490.00	497.00		/Sg as 465.00-477.00					
497.00	509.00		/Sm essentially massive, mainly m-c ss w occ evidence of multistorey sed at 500.00 at 0.4 inches/A1/ lens no CB					
509.00	512.00		/Sh m gr f v to --> A1 w abut sandy lenses in upper 11.8 inches					
512.00	513.00		A1 w sandy str, large volcanic clast in upper pt					
513.00	521.00		/Mmc/ v c boulder cong, poorly sorted granite clasts - at least 11.8 inches & metased clasts, v and sub rd clasts, no obvious size grading, c sandy matrix Sample 518.0.					



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DIAMOND DRILL LOG

Hole F81-5
 Sheet 4 of 8

Job No. <u>N.T.1</u> Project <u>_____</u> Township <u>_____</u> Location: Lat. <u>_____</u> Dep. <u>_____</u> Ele'n <u>_____</u> Logged <u>_____</u>	Objective <u>_____</u> Drilling Co. <u>_____</u> Commenced <u>_____</u> Completed <u>_____</u> Length <u>_____</u>	Core Location <u>_____</u> Distance to water <u>_____</u> Casing Lost <u>_____</u> Core Size <u>_____</u>	Tests At Collar Dip Azimuth	Location Sketch 
Remarks <u>_____</u>				


Footage		Rock Type	Description	Sample No.	From	To	Length Feet	Assays
From	To							
521.00	523.00		/Sg as 530.2-528.0 v c ss at base --> Al in top 0.7 inches					
523.00	524.00		/Al w abut f sandy lenses incl Sr rare granite dropstones - 2 inches across					
524.00	526.00		/Sh --> m-f gr					
526.00	528.00		as 523.0-524.0					
528.00	530.20		/Sg v c gr to fine pebbly at base (grains --> 0.1 inch --> m ss at top, occ A clasts & some coarser lenses higher up suggesting multistorey. Sharp top					
530.20	530.90		Mm v c poorly sorted sand grade					
530.90	531.40		/Mm granite pebble cong clasts --> 0.7 inch -->					
531.40	532.00		Am, occ silty lam, 4 inches Sh with loading at 548.6					
532.00	570.00		Al wispy pinkish ss in massive dk grn gy argillite. Some evidence of loading at 577.2-576.9 /Sg w large A intraclasts					
570.00	591.00		Am, scat dropst & rare Ap					
591.00	642.30		/Sh/					
642.30	643.00		classic pebbly mudst Mm sample 642.30					
643.00	661.00		Am, v rare silty lam large granite clast 6 inches high at 652.0 -->					
661.00	662.00		Ap -->					
662.00	663.00		/Sh f gr -->					
663.00	691.00		Am, silty, rare Ap lenses, v rare large granite dropst					
691.00	693.00		Sh mainly loaded to Sp --> Ap at top -->					
693.00	727.00		Al w dropst below 705.00 m -->					
727.00	730.00		Msm as 737.00-739.00					
730.00	737.00		as 739.00-741.00, some lam, occ scat clasts, occ Sr, lenses of v poorly sorted v c - pebbly ss -->					
737.00	739.00		Msm, c-v c ss to cong w clasts --> 1.6 inches then f v to f pebbly ss					
739.00	741.00		/Sh abut scat v c gr					
741.00	741.50		Mmc, granite clasts --> 3 inches					
741.50	746.00		as 747.00-754.00, lenses v c - pebbly ss					
746.00	747.00		/as 746.00-747.00					
747.00	754.00		Al, thin pink Sr, scattered dropst -->					
754.00	756.00		Sh crudely bedded pink & gy ss, m gr small Sr quite common					
756.00	776.00		Mnc mainly f-m gy sand w scat granite & other clasts, rare loaded pink ss, completely massive. arg, silty, v poor stg					
776.00	781.00		Sm f gr, very sheared					



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DIAMOND DRILL LOG

Hole FBI-5
Sheet 5 of 8

Job: <u>N.T.S.</u> Property: _____ Township: _____ Location: Lat. _____ Dep. _____ Ele'n _____ Logged: _____	Objective: _____ Drilling Co. _____ Commenced: _____ Completed: _____ Length: _____	Core Location: _____ Distance to water: _____ Casing lost: _____ Core Size: _____	Tests: At Collar: _____ Dip: _____ Azimuth: _____	Location Sketch 
Remarks: _____				


Footage		Rock Type	Description	Sample No.	From	To	Length Feet	Assays
From	To							
781.00	791.00		Ap					
791.00	819.00		Am Ap at 797.2-797.9					
819.00	841.00		Ap					
841.00	841.80		Sm m gr -->					
841.80	842.00		Ap					
842.00	843.00		/Sm, v c at base --> m					
843.00	849.00		Ap					
849.00	855.00		Sm, becoming mottled (blebby) --> Sp in upper half m gr					
855.00	857.00		Al w large loaded Sh masses					
857.00	868.00		Am					
868.00	870.00		Ap -->					
870.00	872.00		/Sh f gr -->					
872.00	890.00		Am					
890.00	895.70		Am with thin Sh & Ap lenses -->					
895.70	896.00		Ap					
896.00	898.00		/Sm f gr -->					
898.00	900.00		Am + Ap lenses					
900.00	911.00		Am					
911.00	912.00		Ap					
912.00	913.00		Sm/ f gr					
913.00	917.50		Al					
917.50	918.00		/Sm as 918.00-917.50 -->					
918.00	927.00		Al (thin Sh lam in Am), some loading					
927.00	948.00		Am -->					
948.00	950.80		Ap -->					
950.80	951.40		Sh v f gr					
951.40	952.00		/Sh, v f gr, rare Sr					
952.00	981.00		Am, rare thin Sh & Sr lenses					
981.00	983.00		Ap -->					
983.00	985.00		/Sh, occ Sr, loading -->					
985.00	1007.00		Am with thin Sh --> Ap couplets					
1007.00	1023.00		Sh with occ Am lenses & loaded intv, f - v f gr					
1023.00	1025.00		Am with occ Ap					
1025.00	1026.80		Sh, loaded at top					
1026.80	1027.00		Ap -->					
1027.00	1030.00		/Sh -->					



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DIAMOND DRILL LOG

Hole F81-5
Sheet 6 of 8

Job: <u>N.T.S.</u>	Objective: _____	Core Location: _____	Tests: _____	Location Sketch 
Property: _____	Drilling Co.: _____	Distance to water: _____	At Collar: _____	
Township: _____	Commenced: _____	Casing Lost: _____	Dip: _____	
Location: Lat. _____	Completed: _____	Core Size: _____	Azimuth: _____	
Dep. _____	Length: _____	_____	_____	
Logged: _____	Ele'n _____	_____	_____	
Remarks: _____				

Footage		Rock Type	Description	Sample No.	From	To	Length Feet	Assays
From	To							
030.00	1075.00		Am, rare Ap & occ thin Sh --> Ap couplets					
075.00	1075.40		Ap -->					
075.40	1077.00		/Sr --> Sh -->					
077.00	1082.00		A1					
082.00	1083.00		/Sh --> Ap					
083.00	1089.00		Am					
1089.00	1091.00		Ap -->					
1091.00	1094.00		Sh, loading of ping in grey -->					
1094.00	1101.00		A1					
1101.00	1104.00		as 1091.00-1094.00					
1104.00	1105.00		Ap -->					
1105.00	1107.00		/as 1091.00-1094.00					
1107.00	1117.00		A1 with Sh --> Ap couplets					
1117.00	1118.00		Ap					
1118.00	1121.00		/as 1091.00-1094.00					
1121.00	1129.00		A1 with Sh --> Ap couplets --> 8 inches thick					
1129.00	1137.00		Am -->					
1137.00	1138.00		Ap					
1138.00	1146.00		Sg m --> f massive -->					
1146.00	1159.00		A1 w rare dropst					
1159.00	1160.00		/Sr --> Sh --> Ap s v f gr					
1160.00	1165.00		A1, Ap at base s v f gr					
1165.00	1166.00		/Sr --> Sh --> s v f gr					
1166.00	1185.00		Typical A1, dk red brn arg mtx, occ thin Bouma type graded ss layers, rare loading, sandy lenses rarely -- c gr rare large dropst above 1266.0					
1185.00	1187.00		/Sg f pebbly (-> 0.0 inch at base --> f ss scat dropst, A clasts					
1187.00	1190.00		A1					
1190.00	1191.00		/Sm/ c gr					
1191.00	1328.00		A1 as 1166.00-1185.00 w rare dropst					
1328.00		END OF HOLE						





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DIAMOND DRILL LOG

Hole F81-5
Sheet 2 of 8

Job <u>H.T.S.</u>	Objective _____	Core location _____	Tests	Location Sketch
Prop. _____	Drilling Co. _____	Distance to water _____	At Collar Dm Azimuth	
Township _____	Commenced _____	Casing Lost _____	_____	
Location: Lat. _____	Completed _____	Core Size _____	_____	
Dep. _____	Length _____	_____	_____	
Elev'n _____	_____	_____	_____	
Logged _____	Remarks _____	_____	_____	_____

Footage		Rock Type	Description	Sample No.	From	To	Length Feet	Assays
From	To							
								Au ppb
				7480	5.0	11.0	6.0	
				7481	11.0	20.0	9.0	
				7482	20.0	28.0	8.0	
				7483	28.0	38.0	10.0	
				7484	38.0	48.0	10.0	
				7485	48.0	58.0	10.0	
				7486	58.0	68.0	10.0	
				7487	68.0	78.0	10.0	
				7488	78.0	88.0	10.0	
				7489	88.0	98.0	10.0	
				7490	98.0	108.0	10.0	
				7491	108.0	118.0	10.0	
				7492	118.0	128.0	10.0	
				7493	128.0	137.0	9.0	
				7494	137.0	148.0	11.0	
				7495	148.0	158.0	10.0	
				7496	158.0	163.0	5.0	
				7497	163.0	170.0	10.0	
				7498	170.0	180.0	10.0	
				7499	180.0	190.0	10.0	
				7500	190.0	200.0	10.0	
				4813	200.0	208.0	8.0	
				7700	208.0	218.0	10.0	
				7699	218.0	228.0	10.0	
				7698	228.0	238.0	10.0	
				7697	238.0	248.0	10.0	
				7696	248.0	258.0	10.0	
				7695	258.0	268.0	10.0	
				7694	268.0	278.0	10.0	
				7693	278.0	288.0	10.0	
				7692	288.0	298.0	10.0	
				7691	298.0	308.0	10.0	
				7690	308.0	318.0	10.0	
				7689	318.0	328.0	10.0	
				7688	328.0	333.0	5.0	
				7687	333.0	337.0	4.0	
				7686	337.0	347.0	10.0	
				7685	347.0	357.0	10.0	
				7684	357.0	367.0	10.0	
				7683	357.0	377.0	10.0	
				7682	538.0	548.0	10.0	
				7681	548.0	558.0	10.0	
				7680	558.0	568.0	10.0	
				7679	568.0	578.0	10.0	
				7678	578.0	588.0	10.0	
				7677	588.0	591.0	3.0	
				7676	591.0	596.0	5.0	
				7675	596.0	601.0	5.0	
				7674	601.0	607.0	6.0	
				7673	607.0	616.0	9.0	
				7672	616.0	622.0	6.0	
				7671	622.0	628.0	6.0	
				7670	628.0	638.0	10.0	
				7669	638.0	648.0	10.0	
				7668	648.0	658.0	10.0	



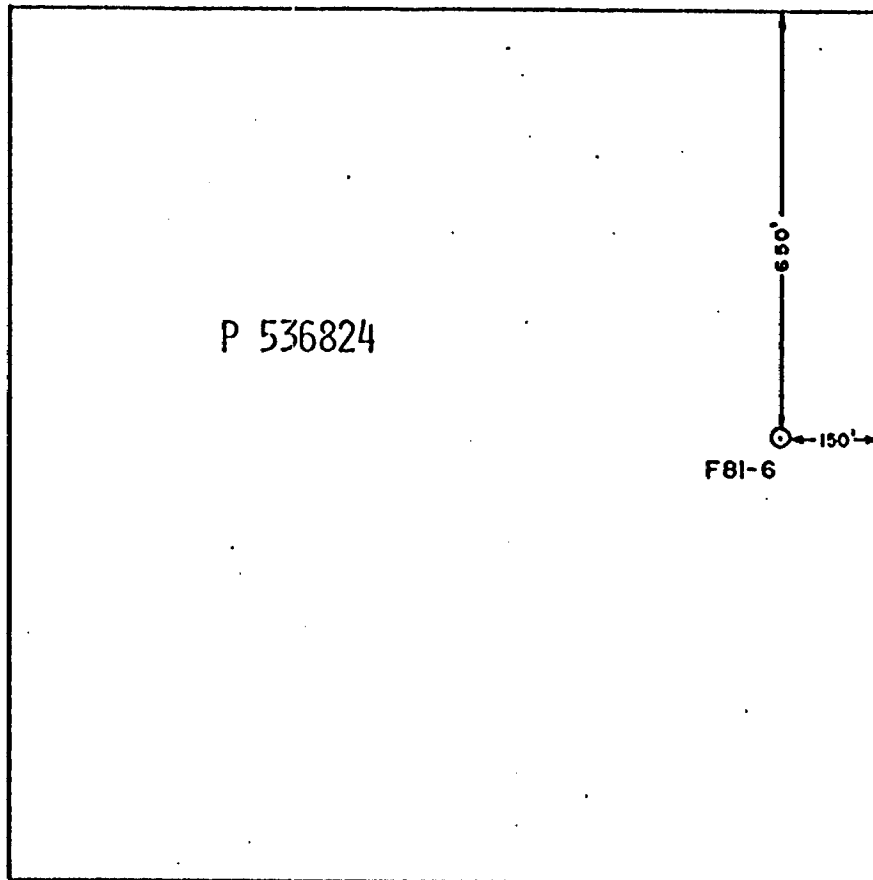
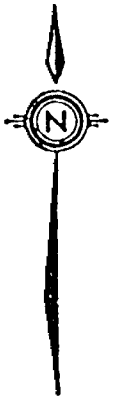
TECK EXPLORATIONS LIMITED

DIAMOND DRILL LOG

Hole F81-5
Sheet 8 of 8

Job <u>N.T.S.</u> Property <u> </u> Township <u> </u> Location: Lat. <u> </u> Dep. <u> </u> Ele'n <u> </u> Longed <u> </u>	Objective <u> </u> Drilling Co. <u> </u> Commenced <u> </u> Completed <u> </u> Length <u> </u>	Core Location <u> </u> Distance to water <u> </u> Casing Lost <u> </u> Core Size <u> </u>	Tests At Collar Dip Azimuth <u> </u> <u> </u> <u> </u> <u> </u> <u> </u> <u> </u> <u> </u> <u> </u> <u> </u> <u> </u> <u> </u> <u> </u>	Location Sketch <div style="text-align: right; font-size: 2em;">N</div>
Remarks <u> </u>				

Footage		Rock Type	Description	Sample No.	From	To	Length Feet	Assays
From	To							
								Au ppb
				7667	658.0	668.0	10.0	
				7666	668.0	678.0	10.0	
				7665	678.0	688.0	10.0	
				7664	688.0	698.0	10.0	
				7663	698.0	708.0	10.0	
				7662	708.0	718.0	10.0	
				7661	718.0	728.0	10.0	
				7660	781.0	790.0	10.0	
				7659	790.0	798.0	8.0	
				7658	798.0	808.0	10.0	
				7657	808.0	818.0	10.0	
				7656	818.0	828.0	10.0	
				7655	828.0	838.0	10.0	
				7654	838.0	848.0	10.0	
				7653	848.0	858.0	10.0	
				7652	858.0	862.0	4.0	
				7651	862.0	872.0	10.0	
				7650	872.0	878.0	6.0	
				7649	878.0	888.0	10.0	
				7647	888.0	898.0	10.0	
				7646	898.0	906.0	8.0	
				7645	906.0	913.0	7.0	
				7644	913.0	923.0	10.0	
				7643	923.0	930.0	7.0	
				7642	930.0	940.0	10.0	
				7641	940.0	946.0	6.0	
				7640	946.0	957.0	11.0	
				7639	957.0	967.0	10.0	
				7638	967.0	978.0	11.0	
				7637	978.0	988.0	10.0	
				7636	988.0	998.0	10.0	
				7635	998.0	1004.0	6.0	
				7634	1004.0	1013.0	9.0	
				7633	1013.0	1018.0	5.0	
				7632	1018.0	1028.0	10.0	
				7631	1028.0	1036.0	8.0	
				7630	1036.0	1041.0	5.0	
				7629	1041.0	1051.0	10.0	
				7628	1051.0	1057.0	6.0	
				7627	1057.0	1066.0	9.0	
				7626	1066.0	1076.0	10.0	
				7625	1076.0	1086.0	10.0	
				7624	1086.0	1096.0	10.0	
				7623	1096.0	1106.0	10.0	
				7622	1106.0	1116.0	10.0	
				7621	1116.0	1126.0	10.0	
				7620	1126.0	1136.0	10.0	
				7619	1136.0	1146.0	10.0	
				7618	1146.0	1155.0	9.0	
				7617	1155.0	1166.0	11.0	
				7616	1166.0	1176.0	10.0	
				7615	1176.0	1186.0	10.0	
				7614	1186.0	1196.0	10.0	
				7613	1196.0	1206.0	10.0	
				7612	1206.0	1216.0	10.0	
				7611	1216.0	1226.0	10.0	
				7610	1226.0	1236.0	10.0	
				7609	1236.0	1246.0	10.0	
				7608	1246.0	1255.0	9.0	
				7607	1255.0	1260.0	5.0	
				7606	1260.0	1270.0	10.0	
				7605	1270.0	1274.0	4.0	
				7604	1274.0	1281.0	7.0	
				7603	1281.0	1291.0	10.0	
				7602	1291.0	1296.0	5.0	
				7601	1296.0	1300.0	4.0	



Scale 1" = 300'

LITHOFACIES CODES USED IN DETAILED LOGS

M mixtites

Mm. matrix supported
Mc. clast supported
M.m massive
M.s stratified

S sandstones

Sr ripples
Sh horizontal lamination
Sm massive
Sg graded

A argillites

Am massive
Al laminated, thin silt, sand beds
Ap pseudonodules
A.d dropstones

/ = erosional base of unit eg. /Sm

--> = gradational top of unit eg. Sh-->

grain size abbreviation vf = very fine, f = fine, m = medium,

c = coarse, vc = very coarse


lam = laminated, sm = small, w = with, occ = occasional, gr = grain(ed)



TECK EXPLORATIONS LIMITED

DIAMOND DRILL LOG

Hole F81-6
Sheet 1 of 5

Job No. <u>N.L.C. 42A 2/3</u>	Objective <u>Test Huronian</u>	Core Location <u>North Bay</u>	Tests	Location Sketch 
Property <u>Fallon Gold</u>	<u>For Placer Gold</u>	Distance to water <u>900.00'</u>	At Collar <u>-90'</u>	
Township <u>Fallon</u>	Drilling Co. <u>Amalgamated</u>	Casing lost		
Location: Lat. <u>Claim P536024</u>	<u>Diamond Drilling</u>	Core Size <u>AQ</u>		
Dep. _____	Commenced <u>April 1, 1981</u>			
Ele'n _____	Completed <u>April 12, 1981</u>			
Logged <u>A. Mjall</u>	Length <u>783.00'</u>			
Remarks _____				

Footage		Rock Type	Description	Sample No.	From	To	Length Feet	Assays
From	To							
0	20.00		Sg multistorey, m - v f silty, At about 13 feet about A clasts and loading features					
20.00	22.00		/Sh, f gr --> Ap in top 6 inches					
22.00	23.00		/Sr --> Am Sr ls gr					
23.00	28.00		Am					
28.00	29.00		/Sr ----> Ap					
29.00	41.00		Am					
41.00	49.00		/Sg m --> v f prob multistorey, occ faint dark patches					
49.00	63.00		<u>A1</u>					
63.00	64.00		/Sr --> Sh					
64.00	78.00		A1 w lenses Sg and Sm, dropst, Sr lenses					
78.00	79.00		/Sg --> Sh --> Sr --> silty lam --> ABCD					
79.00	82.00		A1, brown (silty?) at base, becoming green up, mainly Am w occ Ap, thin Sr, rare small dropst, occ thin/Sm/					
82.00	83.00		/Sg --> Sh --> Sr --> silty lam --> Bouma ABCD					
83.00	92.00		A1 as 79.00-82.00					
92.00	93.00		/Sg --> Sr --> Sh --> m gr at base, loaded basal contact					
93.00	103.00		Am					
103.00	108.00		Multistorey graded unit /Sg --> m --> vf -->					
108.00	123.00		<u>A1</u>					
123.00	132.00		/Sg gradually graded c --> vf occ gr size reversals so prob multistorey v gradual -->					
132.00	142.00		A1 as 78.00-79.00					
142.00	160.00		Sh --> Ap					
160.00	162.00		/Sm, m-c gr, vague gr size vari, lenses of flat A clasts -->					
162.00	191.00		A1, as 79.00-82.00					
191.00	195.00		/Sg m --> f -->					
195.00	203.00		A1 typical A w pink Sh and Sr, scat dropst, thin/Sm/					
203.00	211.00		Am					
211.00	214.00		Ap -->					
214.00	216.00		Sh f - vf -->					
216.00	217.00		/Sg v c gr -->					
217.00	218.00		/Sg --> Sh (vc --> f gr) Bouma unit AB					
218.00	257.00		A1, abut lenses pink, silty sand w ripples (Sr), pseudonod, intraformal faulting (Sample 256), flame struct. Abut /Sm/and/Sm --> Sr/ prob Bouma seq. Thicker sand at: 229.00-231.00 --> Sr/prob Bouma seq					



TECK EXPLORATIONS LIMITED

DIAMOND DRILL LOG

Hole F81-6
Sheet 2 of 5

Job <u>N.T.S.</u> Property _____ Township _____ Location: Lat. _____ Dep. _____ Elev'n _____ Logged _____	Objective _____ Drilling Co. _____ Commenced _____ Completed _____ Length _____	Core Location _____ Distance to water _____ Casing lost _____ Core Size _____	Tests At Collar Dip Azimuth _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____	Location Sketch <div style="text-align: center;"> </div>
Remarks _____				

Footage		Rock Type	Description	Sample No.	From	To	Length Feet	Assays
From	To							
257.00	262.00		<u>Am</u>					
262.00	263.00		<u>/Sh -->Ap, Sr at base</u>					
263.00	267.00		<u>Am</u>					
267.00	273.00		<u>Sh f- m i/lam wA, abut small Sr, occ clusters of dropst One f pebbly SS lens at 271.00, 2 inches thick unit grades --></u>					
273.00	274.00		<u>Al, green A in thin silty (pink) lam</u>					
274.00	283.00		<u>Sm m-v c gr w scat f pebbly into</u>					
283.00	288.00		<u>Sh f-m gr, finer units i/lam w lith change at 267.00</u>					
288.00	309.00		<u>1/b Sm and Mcm, essentially same lith w gr size variations Sm mainly m gr w leases pebbly Mcm --></u>					
309.00	360.00		<u>Sm c-v c w occ f pebbly patches, no visible bedding St 324.00, isolated granite cobble 3 inches diam and at 322.00, a lens w abut flat A clasts Deer to m gr at 313.00 to top of unit --></u>					
360.00	385.00		<u>Mcm v c to fine pebbly ss with abut large cobbles and boulders - no gr size gradation between boulders and matrix (from perspective of boulders this is Mmm) One v large granite boulder from 370.00-374.00 Another 16 inch boulder at top of unit</u>					
385.00	427.00		<u>(Mcm pebble-cobble cong/ Scattered boulders > 4 inches</u>					
427.00	429.00		<u>Sm m gr, scat sm pebbles</u>					
429.00	434.00		<u>Mcm cobble cong at base (cobbles --> 2.5 inches) mainly pebble and cobble cong, but cyclicity hard to detect because of sample splitting</u>					
434.00	481.6		<u>Mcs pebble and cobble cong 1/b w v c sandy lenses 13 inches boulder o/ granite at 460.00 Mainly v c ss with scat fine pebbly intv above 448.00</u>					
481.6	486.00		<u>/Mcs 5 inches cobble at base -- pebble cong --> v c ss at 483.00 --> pebbly ss at 482.00 --></u>					
486.00	492.00		<u>/Mcs mainly v c-f pebbly, crude grain size layering, A clasts, grain size incr to 1/2 inch pebbles at 490.00 then decr to v c ss</u>					
492.00	500.00		<u>Am green /Sm/ at 495.70-496.10 v c gr, 492.00 prominent lith break</u>					
500.00	515.00		<u>Sm lam, f/lam thin arg with m to vc or pebbly ss, poorly sorted, abut small Sr, rare dropst Large cobbles from 505.00-507.00 Unit generally f gr at top but still with A lam, Sr and abut dropst --></u>					
515.00	520.00		<u>Sm greenish in colour, patchy bedding, m gr v poorly sorted w scat small pebbles, --></u>					
520.00	550.00		<u>Al green, mainly mas w occ lenses of pink silty s with abut load features, pseudonodules</u>					
550.00	551.00		<u>/Sm/ patchy gr size dist m-c gr w Am clasts, loading, poss grain flow with water escape?</u>					



TECK EXPLORATIONS LIMITED

DIAMOND DRILL LOG

Hole FBI-6
Sheet 3 of 5

Job <u>N.Y.S.</u>	Objective _____	Core location _____	Tests At Collar	Dip _____ Azimuth _____	Location Sketch
Property _____	Drilling Co. _____	Distance to water _____ Casing Lost _____			
Township _____	Commenced _____	Core Size _____	_____	_____	
Location: Lat _____	Completed _____	_____	_____	_____	
Dep _____	Length _____	_____	_____	_____	
Elev'n _____	_____	_____	_____	_____	
Logged _____	Remarks _____	_____	_____	_____	_____

Footage		Rock Type	Description	Sample No.	From	To	Length Feet	Assays
From	To							
551.00	629.00		<u>A1</u> as from 520.00-550.00					
629.00	630.00		<u>/Sm/</u> as 550.00-551.00					
630.00	710.00		<u>A1</u> as 520.00-550.00 granite dropstone at 689.00					
710.00	717.00		<u>/Sm</u> as 550.00-551.00 pink and green patches					
717.00	743.00		<u>A1</u> as 520.00-550.00 small dropstone on top					
743.00	745.00		<u>/sm</u> as 550.00-551.00					
745.00	768.00		<u>A1</u> w lenses Sg & Sm --> 12 inches thick, f - cgr					
768.00	783.00		<u>A1</u> as 520.00-550.00					
783.00		END OF HOLE						






TECK EXPLORATIONS LIMITED

DIAMOND DRILL LOG

Hole F81-6
Sheet 4 of 5

Job <u>N.T.S.</u>	Objective _____	Core location _____	Tests	Location Sketch 
Property _____	Drilling Co. _____	Distance to water _____	At Collar	
Township _____	Commenced _____	Casing lost _____	Dip _____	
Location: Lat. _____	Completed _____	Core Size _____	Azimuth _____	
Dep. _____	Length _____			
Logged _____				
Remarks _____				


Footage		Rock Type	Description	Sample No.	From	To	Length Feet	Assays
From	To							
								Au ppb
				7598	2.0	8.0	6.0	
				7599	8.0	18.0	10.0	
				7600	18.0	28.0	10.0	
				7401	28.0	38.0	10.0	
				7402	38.0	48.0	10.0	
				7403	48.0	58.0	10.0	
				7404	58.0	68.0	10.0	
				7405	68.0	78.0	10.0	
				7406	78.0	88.0	10.0	
				7407	88.0	98.0	10.0	
				7408	98.0	108.0	10.0	
				7409	108.0	118.0	10.0	
				7410	118.0	128.0	10.0	
				7411	128.0	138.0	10.0	
				7412	138.0	148.0	10.0	
				7413	148.0	158.0	10.0	
				7414	158.0	168.0	10.0	
				7415	168.0	178.0	10.0	
				7416	178.0	188.0	10.0	
				7417	188.0	198.0	10.0	
				7418	198.0	208.0	10.0	
				7419	208.0	218.0	10.0	
				7420	218.0	228.0	10.0	
				7421	228.0	238.0	10.0	
				7422	238.0	248.0	10.0	
				7423	248.0	258.0	10.0	
				7437	258.0	268.0	10.0	
				7424	268.0	270.0	2.0	
				7501	270.8	274.0	3.2	65
				7502	274.0	284.0	10.0	9
				7503	284.0	283.4	4.4	65
				7504	288.4	298.0	9.6	65
				7505	298.0	308.0	10.0	9
				7506	308.0	318.0	10.0	12
				7507	318.0	328.0	10.0	13
				7508	328.0	338.0	10.0	65
				7509	338.0	348.0	10.0	24
				7510	348.0	354.0	6.0	16
				7511	354.0	359.0	5.0	13
				7512	359.0	363.0	4.0	9
				7513	363.0	369.5	6.5	14
				7514	369.5	378.0	8.5	17
				7515	378.0	388.0	10.0	10
				7516	388.0	398.0	10.0	6
				7517	398.0	408.0	10.0	65
				7518	408.0	418.0	10.0	65
				7519	418.0	428.0	10.0	20
				7520	428.0	434.0	6.0	13
				7521	434.0	444.0	10.0	11
				7522	444.0	449.5	5.5	15
				7523	449.5	458.0	8.5	10
				7524	458.0	468.0	10.0	8
				7525	468.0	478.0	10.0	16
				7526	478.0	488.0	10.0	6
				7527	488.0	492.0	4.0	8
				7528	492.0	506.0	14.0	12
				7425	506.0	508.0	2.0	
				7426	508.0	518.0	10.0	
				7427	518.0	528.0	10.0	
				7428	528.0	538.0	10.0	
				7429	538.0	548.0	10.0	
				7430	548.0	558.0	10.0	
				7431	558.0	568.0	10.0	
				7432	568.0	578.0	10.0	
				7433	578.0	588.0	10.0	
				7434	588.0	598.0	10.0	
				7435	598.0	608.0	10.0	
				7436	608.0	618.0	10.0	
				7438	618.0	628.0	10.0	
				7439	628.0	638.0	10.0	
				7440	638.0	648.0	10.0	
				7441	648.0	658.0	10.0	
				7442	658.0	668.0	10.0	
				7443	668.0	678.0	10.0	
				7444	678.0	688.0	10.0	
				7445	688.0	698.0	10.0	
				7446	698.0	708.0	10.0	



TECK EXPLORATIONS LIMITED

DIAMOND DRILL LOG

Hole F81-6
Sheet 5 of 5

Job <u>N.T.S.</u>	Objective _____	Core location _____	Tests	Location Sketch 
Property _____	Drilling Co. _____	Distance to water _____	At Collar	
Township _____	Commenced _____	Casing Lost _____	Dip _____	
Location: Lat. _____	Completed _____	Core Size _____	Azimuth _____	
Dep. _____	Length _____	_____	_____	
Logged _____	_____	_____	_____	_____
Remarks _____				

Footage		Rock Type	Description	Sample No.	From	To	Length Feet	Assays
From	To							
								Au ppb
				7447	708.0	718.0	10.0	
				7448	718.0	728.0	10.0	
				7449	728.0	738.0	10.0	
				7450	738.0	748.0	10.0	
				7451	748.0	758.0	10.0	
				7452	758.0	768.0	10.0	
				7453	768.0	778.0	10.0	
				7454	778.0	783.0	5.0	

DOCUMENT No.
W 9006-60138

- Instructions**
- Please type or print.
 - For each type of work performed, a separate Report of Work should be completed.
 - For Geo-technical work, use form no. 1362 "Report of Work (Geological, Geophysical, Geochemical)" and form no. 878 for Expenditures.
 - Refer to Sections 76 and 77, the Mining Act for assessment work requirements and the reverse side of this form for table of information.

Mining Act

Report of Work

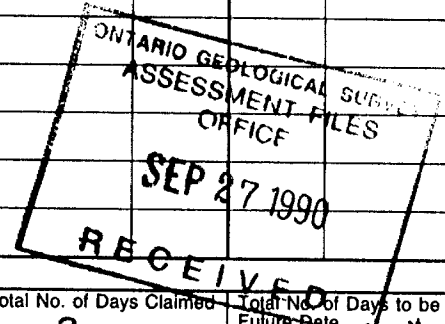
Name and Address of Recorded Holder <i>Roger Laramée</i> <i>986 6th Avenue, Val D'Or P.Q.</i>	Prospector's Licence No. <i>K 22064</i>
	Telephone No.

Summary of Distribution of Credits and Work Performance

Mining Division <i>Porcupine</i>	Mining Claim		Work Days Cr.
	Prefix	Number	
Township or Area <i>Fallon</i>	<i>P</i>	<i>1137241</i>	<i>151</i>
Total Assessment Credits Claimed <i>302</i>	<i>P</i>	<i>1137242</i>	<i>151</i>
Type of Work Performed (Check one only)			
<input type="checkbox"/> Manual Work			
<input type="checkbox"/> Shaft Sinking Drifting or other			
<input type="checkbox"/> Lateral Work			
<input type="checkbox"/> Mechanical equipment			
<input type="checkbox"/> Power Stripping other than Manual (maximum credit allowed - 100 days per claim)			
<input checked="" type="checkbox"/> Diamond or other Core drilling			
<input type="checkbox"/> Core Specimens			



900



Dates when work was performed From: <i>Feb 10 1990</i> To: <i>Feb 15 1990</i>	Total No. of Days Performed <i>1202</i>	Total No. of Days Claimed <i>302</i>	Total No. of Days to be Claimed at a Future Date <i>0</i> *see note.
--	--	---	---

All the work was performed on Mining Claim(s): Indicate no. of days performed on each claim. * (See note No. 1 on reverse side)				Mining Claim <i>P1137242</i>	No. of Days <i>601</i>	Mining Claim <i>L1137243</i>	No. of Days <i>601</i>	Mining Claim	No. of Days	Mining Claim	No. of Days
Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days

LARGER LAKE ONLY

Required Information eg. type of equipment, Names, Addresses, etc. (See Table on reverse side)
If space below is insufficient, attach schedules with required information and location sketches

Heath & Sharwood Drilling (1986) Inc.
34 Duncan Avenue North
Kirkland Lake P2N3L3
Model HS-10 A
BQ Core.

* **299 EXCESS CREDITS REMAIN IN THE PORCUPINE MINING DIVISION. & ARE BEING APPLIED TO LARGER CLAIMS. &**

* The balance of **900 days** is being claimed on *L 1137243 - 248*

Certification of Beneficial Interest * (See Note No. 2 on reverse side)

I hereby certify that, at the time the work was performed, the claims covered in this report of work were recorded in the current recorded holder's name or held under a beneficial interest by the current recorded holder.

Date: *July 16, 1990*

Recorded Holder or Agent (Signature): *[Signature]*

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Address of Person Certifying:
R. J. Bradshaw, General Delivery, Meaford, Ont. N0H1Y0

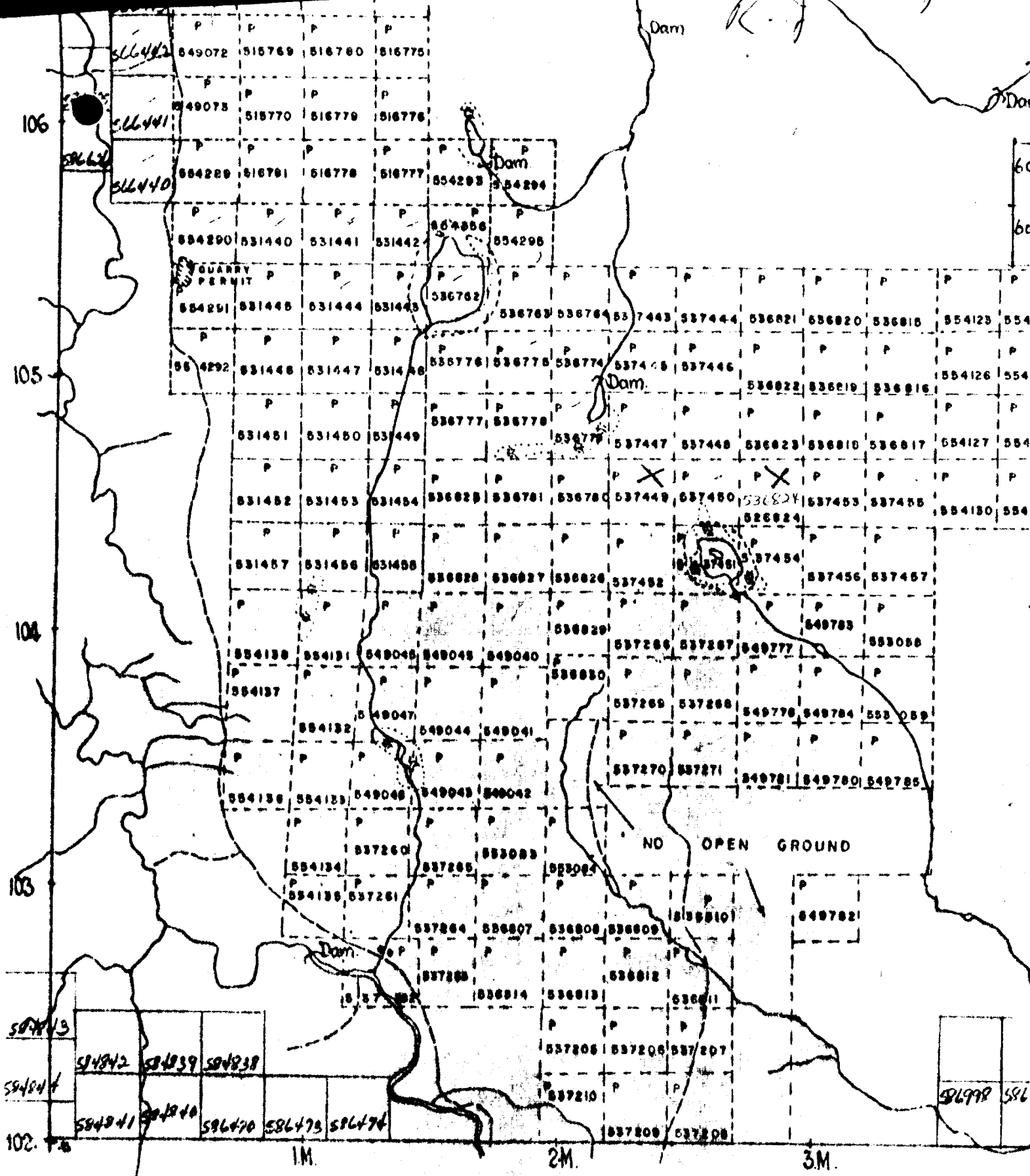
Telephone No.: *(519) 538 5858*

Date: *July 16, 1990*

Certified By (Signature): *[Signature]*

For Office Use Only

Work Assignments	RECORDED <i>JUL 20 1990</i>	Received Stamp <i>JUL 20 1990</i> <i>10:20</i> <i>NCC</i>
------------------	--------------------------------	---



LEGEND

ILLED
 YED LAND
 N LAND SALE
 S

C
 (P)
 C.S.
 (O)

CLEAVER

400' Sur