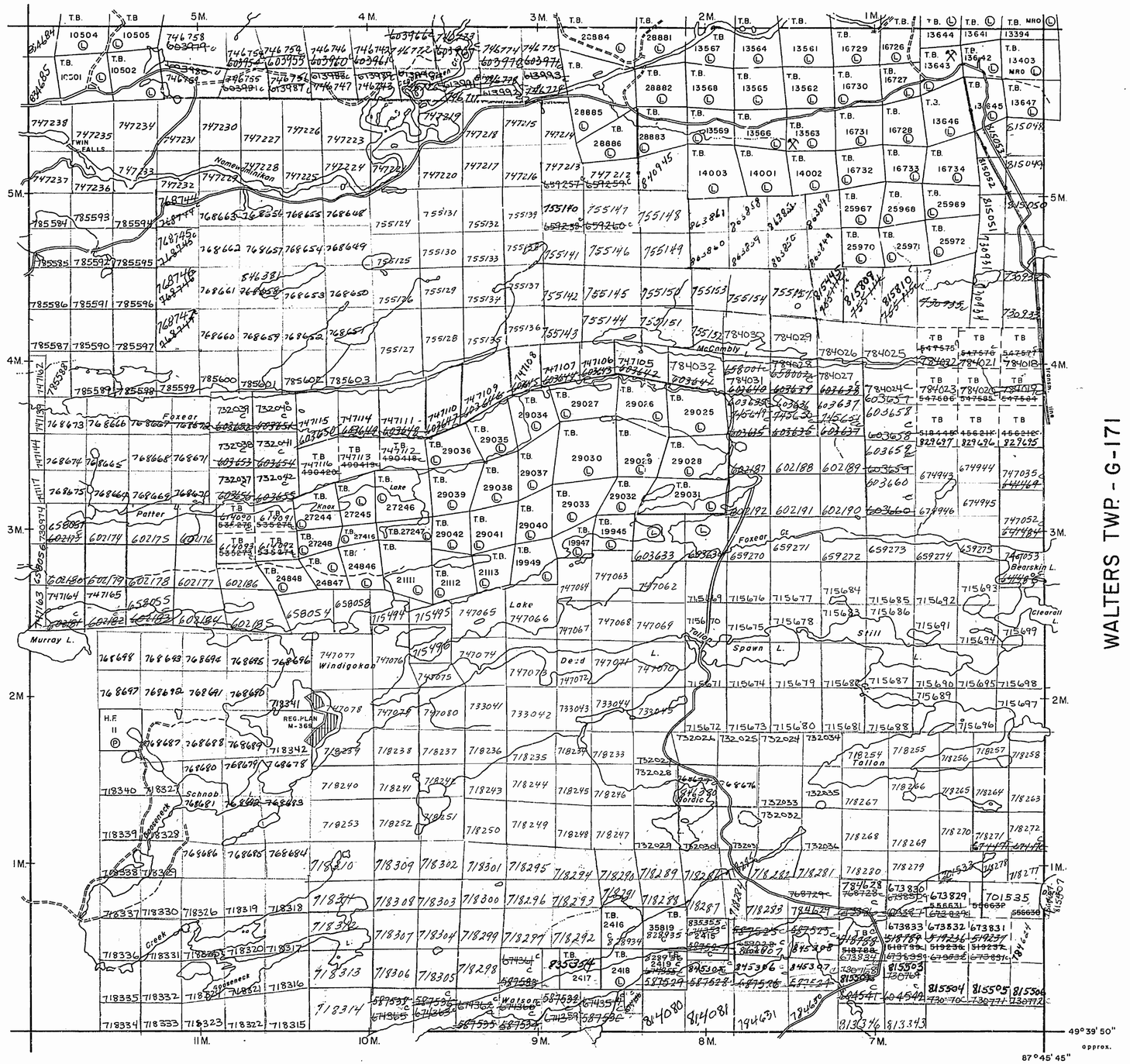
NOTES

PIFHER TWP. - G-141

SANDRA TWP. - G-167

WALTERS TWP. - G-171



McCOMBER TWP. - G-166

TOWNSHIP

IRWIN

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

LEGEND

PATENTED LAND	Ⓟ or
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE	Ⓛ
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	17
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

*used only with summer resort locations or when space is limited

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 (1 KM) 2000 (2 KM)

Ontario

Ministry of Natural Resources — Land Management Branch

Mar. 10/81

Date FEBRUARY 6th, 1981

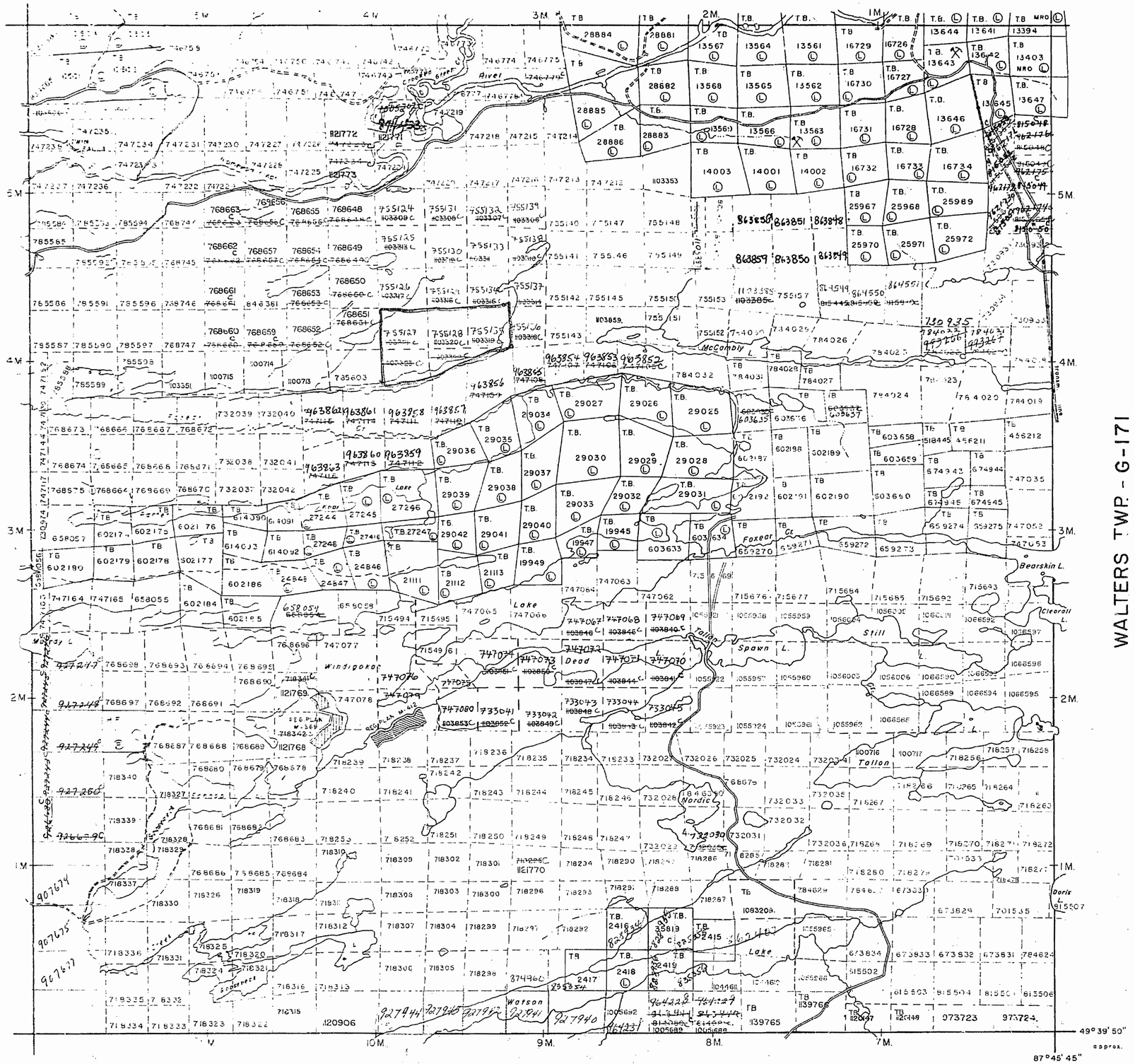
Number **G-164**

RECEIVED
THUNDER BAY
MINING DIVISION
'90 MAY 16 PM 4 02

PIFHER TWP. - G-141

SANDRA TWP. - G-167

WALTERS TWP. - G-171


1M.
2M.
3M.
4M.
5M.
Lake
Foxear
Bearskin L.
Clearoil L.
Still
Spawn L.
Talon
Tallon
Nordic
Lake
Dead
Windigokoe
Watson
Lake
Doris L.
McCombe L.
Lake
Lake
Lake

PIFHER TWP. - G-141

SANDRA TWP. - G-167

WALTERS TWP. - G-171

McCOMBER TWP. - G-166

TOWNSHIP

IRWIN

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION & GERALDTON

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

RECEIVED
THUNDER BAY
MINING DIVISION
'89 JUN 14 AM 9 04

LEGEND

PATENTED LAND	(P) or
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE	(L)
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	(17)
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

*used only with summer resort locations or when space is limited

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 (1 KM) 2000 (2 KM)

Ministry of Natural Resources — Land Management Branch

Ontario

Nov. 1, 1985

Date FEBRUARY 6th, 1981

Number G-164

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

S.R. - SURFACE RIGHTS M.R. - MINING RIGHTS

DESCRIPTION	ORDER NO.	DATE	DISPOSITION	FILE

PIFHER TWP. - G-141

SANDRA TWP. - G-191

WALTERS TWP. - G-171

McCOMBER TWP. - G-166

TOWNSHIP

IRWIN

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON

RECEIVED '92 DEC 7 AM 9 39 MINING LANDS DIVISION THUNDER BAY

LEGEND

PATENTED LAND	P. or
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE	L.
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALE	C.L.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	17
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

*used only with surface rights, at locations at which space is limited

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 2000

(1 KM) (2 KM)

Ministry of Natural Resources — Land Management Branch

Ontario

March 3, 1992

Date FEBRUARY 6th, 1981

Number G-164

MINING DIVISION

'94 MAR 4 PM 2 58

RENCES

AWN FROM DISPOSITION

IGHTS M.R. - MINING RIGHTS

ER NO. DATE DISPOSITION FILE

PIFHER TWP. - G-141

SANDRA TWP. - G-167

WALTERS TWP. - G-171

McCOMBER TWP. - G-166

TOWNSHIP

IRWIN

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

LEGEND

PATENTED LAND	P or
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE	L
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	17
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

*used only with summer resort locations or when space is limited

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000

METRES 0 200 1000 2000 (1 KM) (2 KM)

Ministry of Natural Resources — Land Management Branch

Ontario

March 3, 1992

Date FEBRUARY 6th, 1981

Number G-164

MAR 4, 1994
G-164

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

M.R.O. - MINING RIGHTS ONLY
S.R.O. - SURFACE RIGHTS ONLY
M.+S. - MINING AND SURFACE RIGHTS

PIFHER TWP. - G-141

SANDRA TWP. - G-167

WALTERS TWP. - G-171

McCOMBER TWP. - G-166

NOTICE-
The information that appears on this map has been compiled from various sources and accuracy is not guaranteed. Those wishing to stake MINING CLAIMS should consult with the MINING RECORDER, Ministry of Northern Development and Mines, for additional information on the status of the lands shown hereon.

TOWNSHIP

IRWIN

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

LEGEND

PATENTED LAND	(P) or
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE	or (L)
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	17
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

* used only with summer resort locations or when space is limited

Thunder Bay Mining Division
AUG 13 1996
RECEIVED

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000
METRES 0 200 1000 (1 KM) 2000 (2 KM)

Ontario Ministry of Natural Resources — Land Management Branch

Date FEBRUARY 6th, 1981
In Service Jan. 12/96 (LA)
Number G-164

AUG 13, 1996
G-164

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

M.R.O. - MINING RIGHTS ONLY
S.R.O. - SURFACE RIGHTS ONLY
M.+S. - MINING AND SURFACE RIGHTS

PIFHER TWP. - G-141

SANDRA TWP. - G-167

WALTERS TWP. - G-171

McCOMBER TWP. - G-166

NOTICE-
The information that appears on this map has been compiled from various sources and accuracy is not guaranteed. Those wishing to stake MINING CLAIMS should consult with the MINING RECORDER, Ministry of Northern Development and Mines, for additional information on the status of the lands shown hereon.

TOWNSHIP

IRWIN

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

DATE OF ISSUE
MAR 04 1998
PROVINCIAL RECORDING OFFICE - SUDBURY

LEGEND

PATENTED LAND	P or
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE	or L
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	l.oc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	17
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

*used only with summer resort locations or when space is limited

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 (1 KM) 2000 (2 KM)

Ontario Ministry of Natural Resources — Land Management Branch

Date FEBRUARY 6th, 1981

In Service Jan. 12/96 (LA)

Number **G-164**

1760

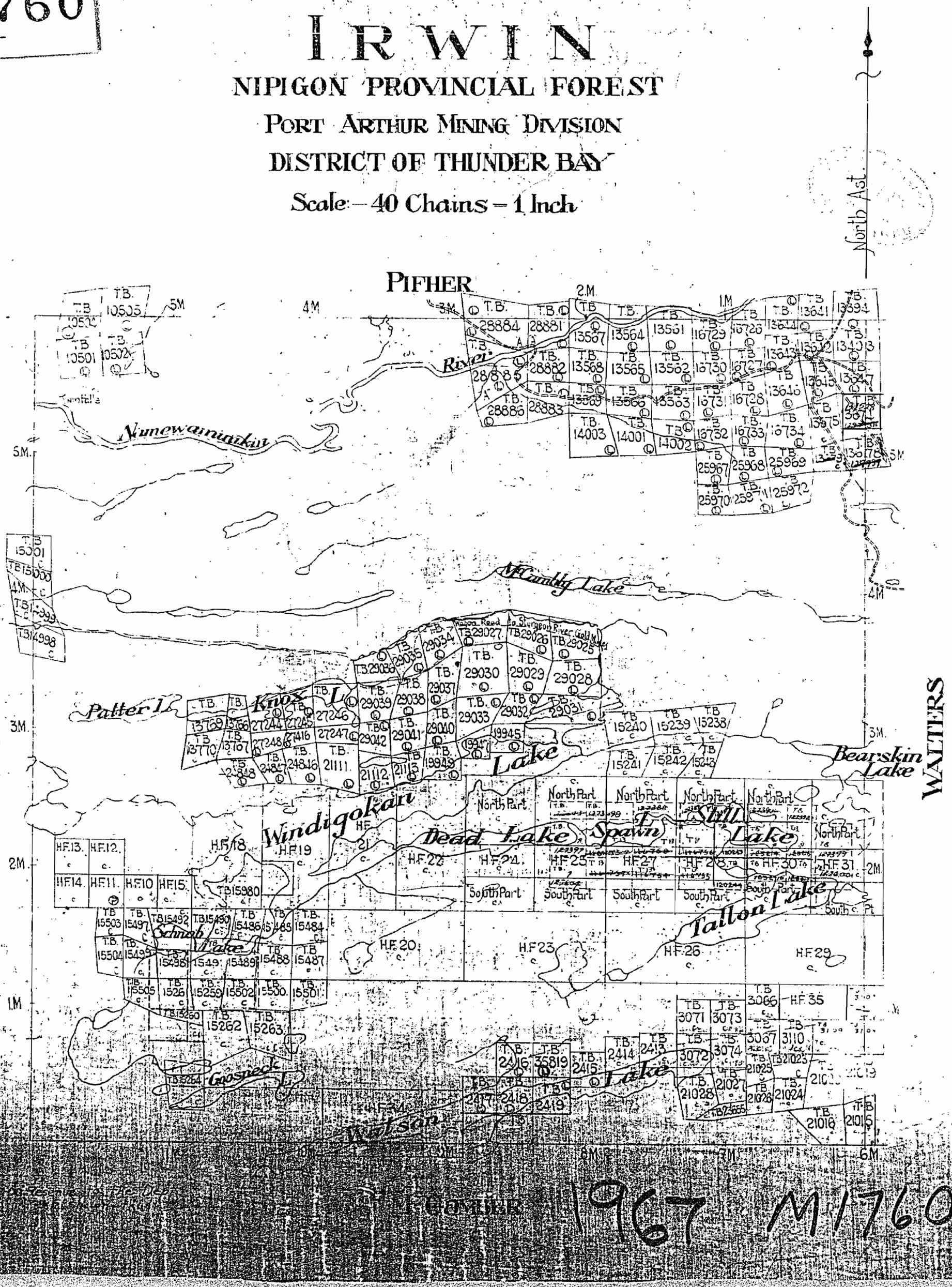
IRWIN

NIPIGON PROVINCIAL FOREST

PORT ARTHUR MINING DIVISION

DISTRICT OF THUNDER BAY

Scale:—40 Chains = 1 Inch



F. GOULDER

1967 M1760

1760

IRWIN

NIPIGON PROVINCIAL FOREST

PORT ARTHUR MINING DIVISION

DISTRICT OF THUNDER BAY

Scale — 40 Chains = 1 Inch

North Ast.

PIFHER

SANDRA

WALTERS

Twin Falls

Namewaininikin

No. OPEN GROUND

River

Patterl

Knox L.

Windigokan L.

Dead Lake

Spawn Lake

Still Lake

Bearskin Lake

Tallon Lake

Schnab Lake

Goospeck L.

Watsap L.

McCambly Lake

Wagon Road to Sturgeon River Gold Mines

J. Grant map 126 or
T.B. 13766 Gazetted
67 June 3/61
69
70

Open June 1/61
7a.m. STANDARD TIME

100' Reserve for The Dept. of Highways

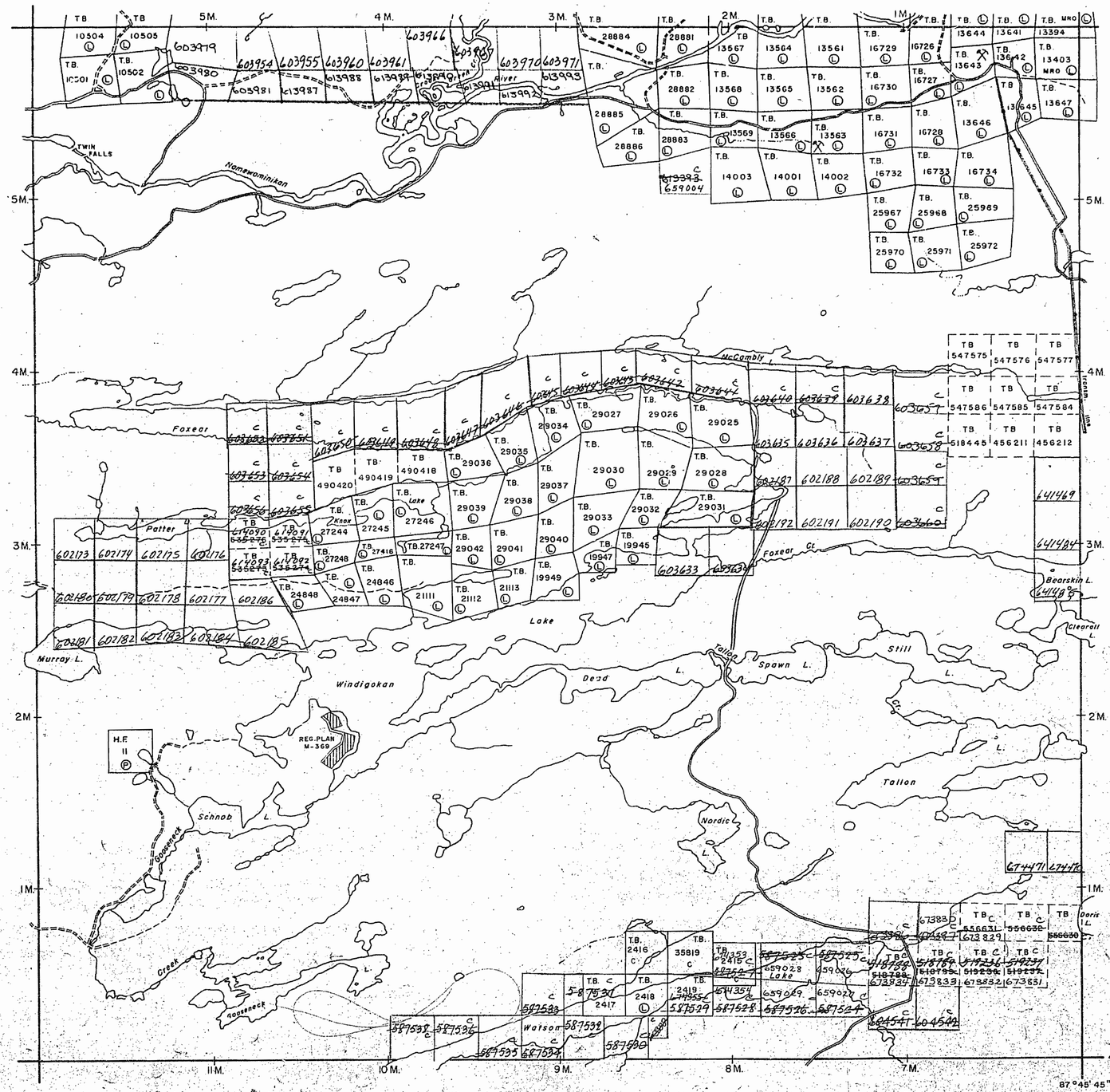
McCOMBER 1959

NOTES

PIFHER TWP. - G-141

SANDRA TWP. - G-167

WALTERS TWP. - G-171



McCOMBER TWP. - G-166

TOWNSHI

IRWIN

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION

THUNDER BAY

LAND TITLES REGISTRY DIVISION

THINDER BAY

THU MINING DIVISION
RECEIVED
NOV 2 1982
AM 7 8 9 10 11 12 1 2 3 4 5 PM

LEGEND

PATENTED LAND	P or
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE	L
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	17
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

*used only with summer resort locions or when space is limited

SCALE: 1 INCH = 40 CHAIN

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 (1 KM) 2000 (2 KM)

Ministry of Natural Resources — Land Management Branch

Ontario

Mar. 6/81

Date FEBRUARY 6th, 1981

Number **G-164**

PIFHER TWP. - G-141

SANDRA TWP. - G-167

WALTERS TWP. - G-171

McCOMBER TWP. - G-166

TOWNSHIP

IRWIN

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION & GERALDTON

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

RECEIVED
THUNDER BAY
MINING DIVISION
'89 JUL 18 PM 4 12

LEGEND

PATENTED LAND	(P) or
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE	(L)
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	(17)
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

*used only with summer resort locations or when space is limited

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 (1 KM) 2000 (2 KM)

Ontario Ministry of Natural Resources — Land Management Branch

Nov. 1, 1985

Date FEBRUARY 6th, 1981

Number **G-164**

PIFHER TWP. - G-141

SANDRA TWP. - G-167

WALTERS TWP. - G-171

McCOMBER TWP. - G-166

TOWNSHIP

IRWIN

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION ~~GERALDTON~~

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

LEGEND

PATENTED LAND	(P) or *
PATENTED FOR SURFACE RIGHTS ONLY	*
LEASE	(L)
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	(17)
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

*used only with summer resort locations or when space is limited

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 (1 KM) 2000 (2 KM)

Ministry of Natural Resources — Land Management Branch

Ontario

Nov. 1, 1985

Date FEBRUARY 6th, 1981

Number G-164

'91 JAN 22 PM 1 12

ERENCES

RAWN FROM DISPOSITION

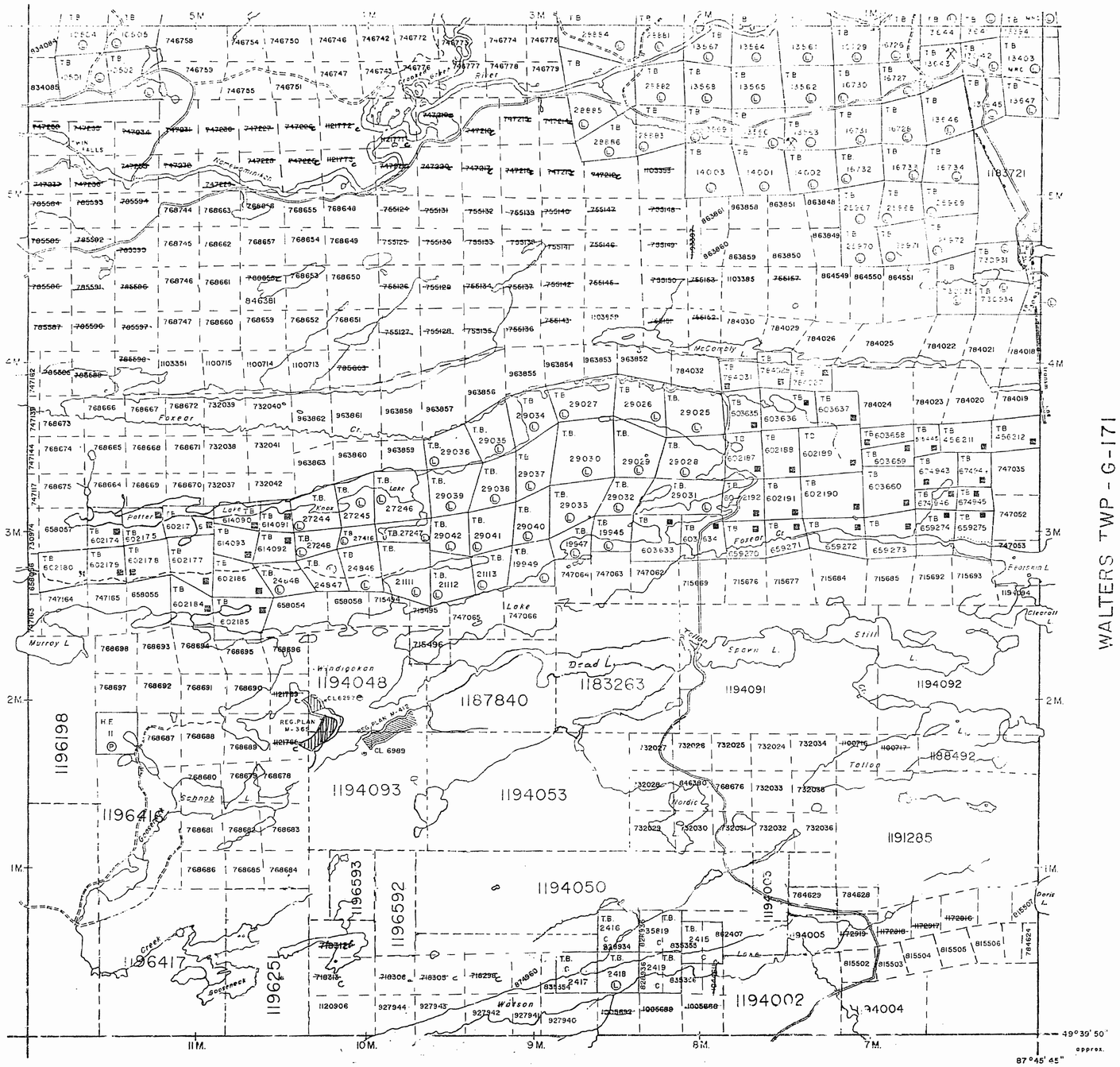
RIGHTS M.R. - MINING RIGHTS

DER NO. DATE DISPOSITION FILE

PIPHER TWP. - G-141

SANDRA TWP. - G-167

WALTERS TWP. - G-171



McCOMBER TWP. - G-166

TOWNSHIP

IRWIN

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

LEGEND

PATENTED LAND	P. or
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE	L.
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALE	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE No.	17
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

*used only with summer resort locations or when space is limited

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000

METRES 0 200 1000 2000
(1 KM) (2 KM)

Ontario Ministry of Natural Resources — Land Management Branch

March 3, 1992

Date FEBRUARY 6th, 1981

Number G-164

RECEIVED
THUNDER BAY
MINING DIVISION
'93 JUN 28 PM 12 36

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

S.R. - SURFACE RIGHTS M.R. - MINING RIGHTS

DESCRIPTION	ORDER NO.	DATE	DISPOSITION	FILE

PIPHER TWP - G-141

SANDRA TWP - G-167

WALTERS TWP - G-171

McCOMBER TWP - G-166

TOWNSHIP

IRWIN

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES. AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON

RECEIVED
THUNDER BAY
MINING DIVISION
94 JAN 28 AM 8 48

LEGEND

PATENTED LAND
PATENTED FOR SURFACE RIGHTS ONLY
LEASE
LICENSE OF OCCUPATION
CROWN LAND SALE
LOCATED LAND
CANCELLED
MINING RIGHTS ONLY
SURFACE RIGHTS ONLY
RAILWAY
POWER LINE
MARSH OR MUSKEG
MINES

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000

METRES 0 200 1000 2000 (1 KM) (2 KM)

Ontario Ministry of Natural Resources — Land Management Branch

March 3, 1992

Date FEBRUARY 6th, 1981

Number G-164

JAN 28, 1994
G-164

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

M.R.O. - MINING RIGHTS ONLY
S.R.O. - SURFACE RIGHTS ONLY
M.+S. - MINING AND SURFACE RIGHTS

NOTICE-
The information that appears on this map has been compiled from various sources and accuracy is not guaranteed. Those wishing to stake MINING CLAIMS should consult with the MINING RECORDER, Ministry of Northern Development and Mines, for additional information on the status of the lands shown hereon.

PIFHER TWP. - G-141

SANDRA TWP. - G-167

WALTERS TWP. - G-171

McCOMBER TWP. - G-166

Twin Falls
Nemewomiskan River
Crossed Creek
Foxear Cr.
Potter Lake
Zenex Lake
Lake
Murray L.
Windigoka
Dead L.
Talon
Spawn L.
Still L.
McCambly L.
Nordic L.
Schnob L.
Goosefoot Creek
Watson Lake
Bearskin L.
Clearoil L.
Doris L.
Tallon Lake
Foxear Cr.
H.F. II (P)
REG. PLAN M-369
REG. PLAN M-412
CL6297 Pt.1,2
1194655
1204828
1208794
1208795
1188492
1208596
1208597
1208599
1208600
1208598
1208595
1208594
1208593
1208592
1208591
1208269
1208268
1202237
1202241
1202233
1205316
1194021
1194050
1194002
1196642
1196652
1196645
1196737
1196157
1196156
1196498
1196416
1196417
1196964
1196965
1196594
1196613
1191285
1120906
1103859
1103385
1196641
1196640
1196647
1195957
874960
1947
1949
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025
2026
2027
2028
2029
2030
2031
2032
2033
2034
2035
2036
2037
2038
2039
2040
2041
2042
2043
2044
2045
2046
2047
2048
2049
2050
2051
2052
2053
2054
2055
2056
2057
2058
2059
2060
2061
2062
2063
2064
2065
2066
2067
2068
2069
2070
2071
2072
2073
2074
2075
2076
2077
2078
2079
2080
2081
2082
2083
2084
2085
2086
2087
2088
2089
2090
2091
2092
2093
2094
2095
2096
2097
2098
2099
2100
2101
2102
2103
2104
2105
2106
2107
2108
2109
2110
2111
2112
2113
2114
2115
2116
2117
2118
2119
2120
2121
2122
2123
2124
2125
2126
2127
2128
2129
2130
2131
2132
2133
2134
2135
2136
2137
2138
2139
2140
2141
2142
2143
2144
2145
2146
2147
2148
2149
2150
2151
2152
2153
2154
2155
2156
2157
2158
2159
2160
2161
2162
2163
2164
2165
2166
2167
2168
2169
2170
2171
2172
2173
2174
2175
2176
2177
2178
2179
2180
2181
2182
2183
2184
2185
2186
2187
2188
2189
2190
2191
2192
2193
2194
2195
2196
2197
2198
2199
2200
2201
2202
2203
2204
2205
2206
2207
2208
2209
2210
2211
2212
2213
2214
2215
2216
2217
2218
2219
2220
2221
2222
2223
2224
2225
2226
2227
2228
2229
2230
2231
2232
2233
2234
2235
2236
2237
2238
2239
2240
2241
2242
2243
2244
2245
2246
2247
2248
2249
2250
2251
2252
2253
2254
2255
2256
2257
2258
2259
2260
2261
2262
2263
2264
2265
2266
2267
2268
2269
2270
2271
2272
2273
2274
2275
2276
2277
2278
2279
2280
2281
2282
2283
2284
2285
2286
2287
2288
2289
2290
2291
2292
2293
2294
2295
2296
2297
2298
2299
2300
2301
2302
2303
2304
2305
2306
2307
2308
2309
2310
2311
2312
2313
2314
2315
2316
2317
2318
2319
2320
2321
2322
2323
2324
2325
2326
2327
2328
2329
2330
2331
2332
2333
2334
2335
2336
2337
2338
2339
2340
2341
2342
2343
2344
2345
2346
2347
2348
2349
2350
2351
2352
2353
2354
2355
2356
2357
2358
2359
2360
2361
2362
2363
2364
2365
2366
2367
2368
2369
2370
2371
2372
2373
2374
2375
2376
2377
2378
2379
2380
2381
2382
2383
2384
2385
2386
2387
2388
2389
2390
2391
2392
2393
2394
2395
2396
2397
2398
2399
2400
2401
2402
2403
2404
2405
2406
2407
2408
2409
2410
2411
2412
2413
2414
2415
2416
2417
2418
2419
2420
2421
2422
2423
2424
2425
2426
2427
2428
2429
2430
2431
2432
2433
2434
2435
2436
2437
2438
2439
2440
2441
2442
2443
2444
2445
2446
2447
2448
2449
2450
2451
2452
2453
2454
2455
2456
2457
2458
2459
2460
2461
2462
2463
2464
2465
2466
2467
2468
2469
2470
2471
2472
2473
2474
2475
2476
2477
2478
2479
2480
2481
2482
2483
2484
2485
2486
2487
2488
2489
2490
2491
2492
2493
2494
2495
2496
2497
2498
2499
2500
2501
2502
2503
2504
2505
2506
2507
2508
2509
2510
2511
2512
2513
2514
2515
2516
2517
2518
2519
2520
2521
2522
2523
2524
2525
2526
2527
2528
2529
2530
2531
2532
2533
2534
2535
2536
2537
2538
2539
2540
2541
2542
2543
2544
2545
2546
2547
2548
2549
2550
2551
2552
2553
2554
2555
2556
2557
2558
2559
2560
2561
2562
2563
2564
2565
2566
2567
2568
2569
2570
2571
2572
2573
2574
2575
2576
2577
2578
2579
2580
2581
2582
2583
2584
2585
2586
2587
2588
2589
2590
2591
2592
2593
2594
2595
2596
2597
2598
2599
2600
2601
2602
2603
2604
2605
2606
2607
2608
2609
2610
2611
2612
2613
2614
2615
2616
2617
2618
2619
2620
2621
2622
2623
2624
2625
2626
2627
2628
2629
2630
2631
2632
2633
2634
2635
2636
2637
2638
2639
2640
2641
2642
2643
2644
2645
2646
2647
2648
2649
2650
2651
2652
2653
2654
2655
2656
2657
2658
2659
2660
2661
2662
2663
2664
2665
2666
2667
2668
2669
2670
2671
2672
2673
2674
2675
2676
2677
2678
2679
2680
2681
2682
2683
2684
2685
2686
2687
2688
2689
2690
2691
2692
2693
2694
2695
2696
2697
2698
2699
2700
2701
2702
2703
2704
2705
2706
2707
2708
2709
2710
2711
2712
2713
2714
2715
2716
2717
2718
2719
2720
2721
2722
2723
2724
2725
2726
2727
2728
2729
2730
2731
2732
2733
2734
2735
2736
2737
2738
2739
2740
2741
2742
2743
2744
2745
2746
2747
2748
2749
2750
2751
2752
2753
2754
2755
2756
2757
2758
2759
2760
2761
2762
2763
2764
2765
2766
2767
2768
2769
2770
2771
2772
2773
2774
2775
2776
2777
2778
2779
2780
2781
2782
2783
2784
2785
2786
2787
2788
2789
2790
2791
2792
2793
2794
2795
2796
2797
2798
2799
2800
2801
2802
2803
2804
2805
2806
2807
2808
2809
2810
2811
2812
2813
2814
2815
2816
2817
2818
2819
2820
2821
2822
2823
2824
2825
2826
2827
2828
2829
2830
2831
2832
2833
2834
2835
2836
2837
2838
2839
2840
2841
2842
2843
2844
2845
2846
2847
2848
2849
2850
2851
2852
2853
2854
2855
2856
2857
2858
2859
2860
2861
2862
2863
2864
2865
2866
2867
2868
2869
2870
2871
2872
2873
2874
2875
2876
2877
2878
2879
2880
2881
2882
2883
2884
2885
2886
2887
2888
2889
2890
2891
2892
2893
2894
2895
2896
2897
2898
2899
2900
2901
2902
2903
2904
2905
2906
2907
2908
2909
2910
2911
2912
2913
2914
2915
2916
2917
2918
2919
2920
2921
2922
2923
2924
2925
2926
2927
2928
2929
2930
2931
2932
2933
2934
2935
2936
2937
2938
2939
2940
2941
2942
2943
2944
2945
2946
2947
2948
2949
2950
2951
2952
2953
2954
2955
2956
2957
2958
2959
2960
2961
2962
2963
2964
2965
2966
2967
2968
2969
2970
2971
2972
2973
2974
2975
2976
2977
2978
2979
2980
2981
2982
2983
2984
2985
2986
2987
2988
2989
2990
2991
2992
2993
2994
2995
2996
2997
2998
2999
3000
3001
3002
3003
3004
3005
3006
3007
3008
3009
3010
3011
3012
3013
3014
3015
3016
3017
3018
3019
3020
3021
3022
3023
3024
3025
3026
3027
3028
3029
3030
3031
3032
3033
3034
3035
3036
3037
3038
3039
3040
3041
3042
3043
3044
3045
3046
3047
3048
3049
3050
3051
3052
3053
3054
3055
3056
3057
3058
3059
3060
3061
3062
3063
3064
3065
3066
3067
3068
3069
3070
3071
3072
3073
3074
3075
3076
3077
3078
3079
3080
3081
3082
3083
3084
3085
3086
3087
3088
3089
3090
3091
3092
3093
3094
3095
3096
3097
3098
3099
3100
3101
3102
3103
3104
3105
3106
3107
3108
3109
3110
3111
3112
3113
3114
3115
3116
3117
3118
3119
3120
3121
3122
3123
3124
3125
3126
3127
3128
3129
3130
3131
3132
3133
3134
3135
3136
3137
3138
3139
3140
3141
3142
3143
3144
3145
3146
3147
3148
3149
3150
3151
3152
3153
3154
3155
3156
3157
3158
3159
3160
3161
3162
3163
3164
3165
3166
3167
3168
3169
3170
3171
3172
3173
3174
3175
3176
3177
3178
3179
3180
3181
3182
3183
3184
3185
3186
3187
3188
3189
3190
3191
3192
3193
3194
3195
3196
3197
3198
3199
3200
3201
3202
3203
3204
3205
3206
3207
3208
3209
3210
3211
3212
3213
3214
3215
3216
3217
3218
3219
3220
3221
3222
3223
3224
3225
3226
3227
3228
3229
3230
3231
3232
3233
3234
3235
3236
3237
3238
3239
3240
3241
3242
3243
3244
3245
3246
3247
3248
3249
3250
3251
3252
3253
3254
3255
3256
3257
3258
3259
3260
3261
3262
3263
3264
3265
3266
3267
3268
3269
3270
3271
3272
3273
3274
3275
3276
3277
3278
3279
3280
3281
3282
3283
3284
3285
3286
3287
3288
3289
3290
3291
3292
3293
3294
3295
3296
3297
3298
3299
3300
3301
3302
3303
3304
3305
3306
3307
3308
3309
3310
3311
3312
3313
3314
3315
3316
3317
3318
3319
3320
3321
3322
3323
3324
3325
3326
3327
3328
3329
3330
3331
3332
3333
3334
3335
3336
3337
3338
3339
3340
3341
3342
3343
3344
3345
3346
3347
3348
3349
3350
3351
3352
3353
3354
3355
3356
3357
3358
3359
3360
3361
3362
3363
3364
3365
3366
3367
3368
3369
3370
3371
3372
3373
3374
3375
3376
3377
3378
3379
3380
3381
3382
3383
3384
3385
3386
3387
3388
3389
3390
3391
3392
3393
3394
3395
3396
3397
3398
3399
3400
3401
3402
3403
3404
3405
3406
3407
3408
3409
3410
3411
3412
3413
3414
3415
3416
3417
3418
3419
3420
3421
3422
3423
3424
3425
3426
3427
3428
3429
3430
3431
3432
3433
3434
3435
3436
3437
3438
3439
3440
3441
3442
3443
3444
3445
3446
3447
3448
3449
3450
3451
3452
3453
3454
3455
3456
3457
3458
3459
3460
3461
3462
3463
3464
3465
3466
3467
3468
3469
3470
3471
3472
3473
3474
3475
3476
3477
3478
3479
3480
3481
3482
3483
3484
3485
3486
3487
3488
3489
3490
3491
3492
3493
3494
3495
3496
3497
3498
3499
3500
3501
3502
3503
3504
3505
3506
3507
3508
3509
3510
3511
3512
3513
3514
3515
3516
3517
3518
3519
3520
3521
3522
3523
3524
3525
3526
3527
3528
3529
3530
3531
3532
3533
3534
3535
3536
3537
3538
3539
3540
3541
3542
3543
3544
3545
3546
3547
3548
3549
3550
3551
3552
3553
3554
3555
3556
3557
3558
3559
3560
3561
3562
3563
3564
3565
3566
3567
3568
3569
3570
3571
3572
3573
3574
3575
3576
3577
3578
3579
3580
3581
3582
3583
3584
3585
3586
3587
3588
3589
3590
3591
3592
3593
3594
3595
3596
3597
3598
3599
3600
3601
3602
3603
3604
3605
3606
3607
3608
3609
3610
3611
3612
3613
3614
3615
3616
3617
3618
3619
3620
3621
3622
3623
3624
3625
3626
3627
3628
3629
3630
3631
3632
3633
3634
3635
3636
3637
3638
3639
3640
3641
3642
3643
3644
3645
3646
3647
3648
3649
3650
3651
3652
3653
3654
3655
3656
3657
3658
3659
3660
3661
3662
3663
3664
3665
3666
3667
3668
3669
3670
3671
3672
3673
3674
3675
3676
3677
3678
3679
3680
3681
3682
3683
3684
3685
3686
3687
3688
3689
3690
3691
3692
3693
3694
3695
3696
3697
3698
3699
3700
3701
3702
3703
3704
3705
3706
3707
3708
3709
3710
3711
3712
3713
3714
3715
3716
3717
3718
3719
3720
3721
3722
3723
3724
3725
3726
3727
3728
3729
3730
3731
3732
3733
3734
3735
3736
3737
3738
3739
3740
3741
3742
3743
3744
3745
3746
3747
3748
3749
3750
3751
3752
3753
3754
3755
3756
3757
3758
3759
3760
3761
3762
3763
3764
3765
3766
3767
3768
3769
3770
3771
3772
3773
3774
3775
3776
3777
3778
3779
3780
3781
3782
3783
3784
3785
3786
3787
3788
3789
3790
3791
3792
3793
3794
3795
3796
3797
3798
3799
3800
3801
3802
3803
3804
3805
3806
3807
3808
3809
3810
3811
3812
3813
3814
3815
3816
3817
3818
3819
3820
3821
3822
3823
3824
3825
3826
3827
3828
3829
3830
3831
3832
3833
3834
3835
3836
3837
3838
3839
3840
3841
3842
3843
3844
3845
3846
3847
3848
3849
3850
3851
3852
3853
3854
3855
3856
3857
3858
3859
3860
3861
3862
3863
3864
3865
3866
3867
3868
3869
3870
3871
3872
3873
3874
3875
3876
3877
3878
3879
3880
3881
3882
3883
3884
3885
3886
3887
3888
3889
3890
3891
3892
3893
3894
3895
3896
3897
3898
3899
3900
3901
3902
3903
3904
3905
3906
3907
3908
3909
3910
3911
3912
3913
3914
3915
3916
3917
3918
3919
3920
3921
3922
3923
3924
3925
3926
3927
3928
3929
3930
3931
3932
3933
3934
3935
3936
3937
3938
3939
3940
3941
3942
3943
3944
3945
3946
3947
3948
3949
3950
3951
3952
3953
3954
3955
3956
3957
3958
3959
3960
3961
3962
3963
3964
3965
3966
3967
3968
3969
3970
3971
3972
3973
3974
3975
3976
3977
3978
3979
3980
3981
3982
3983
3984
3985
3986
3987
3988
3989
3990
3991
3992
3993
3994
3995
3996
3997
3998
3999
4000
4001
4002
4003
4004
4005
4006
4007
4008
4009
4010
4011
4012
4013
4014
4015
4016
4017
4018
4019
4020
4021
4022
4023
4024
4025
4026
4027
4028
4029
4030
4031
4032
4033
4034
4035
4036
4037
4038
4039
4040
4041
4042
4043
4044
4045
4046
4047
4048
4049
4050
4051
4052
4053
4054
4055
4056
4057
4058
4059
4060
4061
4062
4063
4064
4065
4066
4067
4068
4069
4070
4071
4072
4073
4074
4075
4076
4077
4078
4079
4080
4081
4082
4083
4084
4085
4086
4087
4088
4089
4090
4091
4092
4093
4094
4095
4096
4097
4098
4099
4100
4101
4102
4103
4104
4105
4106
4107
4108
4109
4110
4111
4112
4113
4114
4115
4116
4117
4118
4119
4120
4121
4122
4123
4124
4125
4126
4127
4128
4129
4130
4131
4132
4133
4134
4135
4136
4137
4138
4139
4140
4141
4142
4143
4144
4145
4146
4147
4148
4149
4150
4151
4152
4153
4154
4155
4156
4157
4158
4159
4160
4161
4162
4163
4164
4165
4166
4167
4168
4169
4170
4171
4172
4173
4174
4175
4176
4177
4178
4179
4180
4181
4182
4183
4184
4185
4186
4187
4188
4189
4190
4191
4192
4193
4194
4195
4196
4197
4198
4199
4200
4201
4202
4203
4204
4205
4206
4207
4208
4209
4210
4211
4212
4213
4214
4215
4216
4217
4218
4219
4220
4221
4222
4223
4224
4225
4226
4227
4228
4229
4230
4231
4232
4233
4234
4235
4236
4237
4238
4239
4240
4241
4242
4243
4244
4245
4246
4247
4248
4249
4250
4251
4252
4253
4254
4255
4256
4257
4258
4259
4260
4261
4262
4263
4264
4265
4266
4267
4268
4269
4270
4271
4272
4273
4274
4275
4276
4277
4278
4279
4280
4281
4282
4283
4284
4285
4286
4287
4288
4289
4290
4291
4292
4293
4294
4295
4296
4297
4298
4299
4300
4301
4302
4303
4304
4305
4306
4307
4308
4309
4310
4311
4312
4313
4314
4315
4316
4317
4318
4319
4320
4321
4322
4323
4324
4325
4326
4327
4328
4329
4330
4331
4332
4333
4334
4335
4336
4337
4338
4339
4340
4341
4342
4343
4344
4345
4346
4347
4348
4349
4350
4351
4352
4353
4354
4355
4356
4357
4358
4359
4360
4361
4362
4363
4364
4365
4366
4367
4368
4369
4370
4371
4372
4373
4374
4375
4376
4377
4378
4379
4380
4381
4382
4383
4384
4385
4386
4387
4388
4389
4390
4391
4392
4393
4394
4395
4396
4397
4398
4399
4400
4401
4402
4403
4404
4405
4406
4407
4408
4409
4410
4411
4412
4413
4414
4415
4416
4417
4418
4419
4420
4421
4422
4423
4424
4425
4426
4427
4428
4429
4430
4431
4432
4433
4434
4435
4436
4437
4438
4439
4440
4441
4442
4443
4444
4445
4446
4447
4448
4449
4450
4451
4452
4453
4454
4455
4456
4457
4458
4459
4460
4461
4462
4463
4464
4465
4466
4467
4468
4469
4470
4471
4472
4473
4474
4475
4476
4477
4478
4479
4480
4481
4482
4483
4484
4485
4486
4487
4488
4489
4490
4491
4492
4493
4494
4495
4496
4497
4498
4499
4500
4501
4502
4503
4504
4505
4506
4507
4508
4509
4510
4511
4512
4513
4514
4515
4516
4517
4518
4519
4520
4521
4522
4523
4524
4525
4526
4527
4528
4529
4530
4531
4532
4533
4534
4535
4536
4537
4538
4539
4540
4541
4542
4543
4544
4545
4546
4547
4548
4549
4550
4551
4552
4553
4554
4555
4556
4557
4558
4559
4560
4561
4562
4563
4564
4565
4566
4567
4568
4569
4570
4571
4572
4573
4574
4575
4576
4577
4578
4579
4580
4581
4582
4583
4584
4585
4586
4587
4588
4589
4590
4591
4592
4593
4594
4595
4596
4597
4598
4599
4600
4601
4602
4603
4604
4605
4606
4607
4608
4609
4610
4611
4612
4613
4614
4615
4616
4617
4618
4619
4620
4621
4622
4623
4624
4625
4626
4627
4628
4629
4630
4631
4632
4633
4634
4635
4636
4637
4638
4639
4640
4641
4642
4643
4644
4645
4646
4647
4648
4649
4650
4651
4652
4653
4654
4655
4656
4657
4658
4659
4660
4661
4662
4663
4664
4665
4666
4667
4668
4669
4670
4671
4672
4673
4674
4675
4676
4677
4678
4679
4680
4681
4682
4683
4684
4685
4686
4687
4688
4689
4690
4691
4692
4693
4694
4695
4696
4697
4698
4699
4700
4701
4702
4703
4704
4705
4706
4707
4708
4709
4710
4711
4712
4713
4714
4715
4716
4717
4718
4719
4720
4721
4722
4723
4724
4725
4726
4727
4728
4729
4730
4731
4732
4733
4734
4735
4736
4737
4738
4739
4740
4741
4742
4743
4744
4745
4746
4747
4748
4749
4750
4751
4752
4753
4754
4755
4756
4757
4758
4759
4760
4761
4762
4763
4764
4765
4766
4767
4768
4769
4770
4771
4772
4773
4774
4775
4776
4777
4778
4779
4780
4781
4782
4783
4784
4785
4786
4787
4788
4789
4790
4791
4792
4793
4794
4795
4796
4797
4798
4799
4800
4801
4802
4803
4804
4805
4806
4807
4808
4809
4810
4811
4812
4813
4814
4815
4816
4817
4818
4819
4820
4821
4822
4823
4824
4825
4826
4827
4828
4829
4830
4831
4832
4833
4834
4835
4836
4837
4838
4839
4840
4841
4842
4843
4844
4845
4846
4847
4848
4849
4850
4851
4852
4853
4854
4855
4856
4857
4858
4859
4860
4861
4862
4863
4864
4865
4866
4867
4868
4869
4870
4871
4872
4873
4874
4875
4876
4877
4878
4879
4880
4881
4882
4883
4884
4885
4886
4887
4888
4889
4890
4891
4892
4893
4894
4895
4896
4897
4898
4899
4900
4901
4902
4903
4904
4905
4906
4907
4908
4909
4910
4911
4912
4913
4914
4915
4916
4917
4918
4919
4920
4921
4922
4923
4924
4925
4926
4927
4928
4929
4930
4931
4932
4933
4934
4935
4936
4937
4938
4939
4940
4941
4942
4943
4944
4945
4946
4947
4948
4949
4950
4951
4952
4953
4954
4955
4956
4957
4958
4959
4960
4961
4962
4963
4964
4965
4966
4967
4968
4969
4970
4971
4972
4973
4974
4975
4976
4977
4978
4979
4980
4981
4982
4983
4984
4985
4986
4987
4988
4989
4990
4991
4992
4993
4994
4995
4996
4997
4998
4999
5000
5001
5002
5003
5004
5005
5006
5007
5008
5009
5010
5011
5012
5013
5014
5015
5016
5017
5018
5019
5020
5021
5022
5023
5024
5025
5026
5027
5028
5029
5030
5031
5032
5033
5034
5035
5036
5037
5038
5039
5040
5041
5042
5043
5044
5045
5046
5047
5048
5049
5050
5051
5052
5053
5054
5055
5056
5057
5058
5059
5060
5061
5062
5063
5064
5065
5066
5067
5068
5069
5070
5071
5072
5073
5074
5075
5076
5077
5078
5079
5080
5081
5082
5083
5084
5085
5086
5087
5088
5089
5090
5091
5092
5093
5094
5095
5096
5097
5098
5099
5100
5101
5102
5103
5104
5105
5106
5107
5108
5109
5110
5111
5112
5113
5114
5115
5116
5117
5118
5119
5120
5121
5122
5123
5124
5125
5126
5127
5128
5129
5130
5131
5132
5133
5134
5135
5136
5137
5138
5139
5140
5141
5142
5143
5144
5145
5146
5147
5148
5149
5150
5151
5152
5153
5154
5155
5156
5157
5158
5159
5160
5161
5162
5163
5164
5165
5166
5167
5168
5169
5170
5171
5172
5173
5174
5175
5176
5177
5178
5179
5180
5181
5182
5183
5184
5185
5186
5187
5188
5189
5190
5191
5192
5193
5194
5195
5196
5197
5198
5199
5200
5201
5202
5203
5204
5205
5206
5207
5208
5209
5210
5211
5212
5213
5214
5215
5216
5217
5218
5219
5220
5221
5222
5223
5224
5225
5226
5227
5228
5229
5230
5231
5232
5233
5234
5235
5236
5237
5238
5239
5240
5241
5242
5243
5244
5245
5246
5247
5248
5249
5250
5251
5252
5253
5254
5255
5256
5257
5258
5259
5260
5261
5262
5263
5264
5265
5266
5267
5268
5269
5270
5271
5272
5273
5274
5275
5276
5277
5278
5279
5280
5281
5282
5283
5284
5285
5286
5287
5288
5289
5290
5291
5292
5293
5294
5295
5296
5297
5298
5299
5300
5301
5302
5303
5304
5305
5306
5307
5308
5309
5310
5311
5312
5313
5314
5315
5316
5317
5318
5319
5320
5321
5322
5323
5324
5325
5326
5327
5328
5329
5330
5331
5332
5333
5334
5335
5336
5337
5338
5339
5340
5341
5342
5343
5344
5345
5346
5347
5348
5349
5350
5351
5352
5353
5354
5355
5356
5357
5358
5359
5360
5361
5362
5363
5364
5365
5366
5367
5368
5369
5370
5371
5372
5373
5374
5375
5376
5377
5378
5379
5380
5381
5382
5383
5384
5385
5386
5387
5388
5389
5390
5391
5392
5393
5394
5395
5396
5397
5398
5399
5400
5401
5402
5403
5404
5405
5406
5407
5408
5409
5410
5411
5412
5413
5414
5415
5416
5417
5418
5419
5420
5421
5422
5423
5424
5425
5426
5427
5428
5429
5430
5431
5432
5433
5434
5435
5436
5437
5438
5439
5440
5441
5442
5443
5444
5445
5446
5447
5448
5449
5450
5451
5452
5453
5454
5455
5456
5457
5458
5459
5460
5461
5462
5463
5464
5465
5466
5467
5468
5469
5470
5471
5472
5473
5474
5475
5476
5477
5478
5479
5480
5481
5482
5483
5484
5485
5486
5487
5488
5489
5490
5491
5492
5493
5494
5495
5496
5497
5498
5499
5500
5501
5502
5503
5504
5505
5506
5507
5508
5509
5510
5511
5512
5513
5514
5515
5516
5517
5518
5519
5520
5521
5522
5523
5524
5525
5526
5527
5528
5529
5530
5531
5532
5533
5534
5535
5536
5537
5538
5539
5540
5541
5542
5543
5544
5545
5546
5547
5548
5549
5550
5551
5552
5553
5554
5555
5556
5557
5558
5559
5560
5561
5562
5563
5564
5565
5566
5567
5568
5569
5570
5571
5572
5573
5574
5575
5576
5577
5578
5579
5580
5581
5582
5583
5584
5585
5586
5587
5588
5589
5590
5591
5592
5593
5594
5595
5596
5597
5598
5599
5600
5601
5602
5603
5604
5605
5606
5607
5608
5609
5610
5611
5612
5613
5614
5615
5616
5617
5618
5619
5620
5621
5622
5623
5624
5625
5626
5627
5628
5629
5630
5631
5632
5633
5634
5635
5636
5637
5638
5639
5640
5641
5642
5643
5644
5645
5646
5647
5648
5649
5650
5651
5652
5653
5654
5655
5656
5657
5658
5659
5660
5661
5662
5663
5664
5665
5666
5667
5668
5669
5670
5671
5672
5673
5674
5675
5676
5677
5678
5679
5680
5681
5682
5683
5684
5685
5686
5687
5688
5689
5690
5691
5692
5693
5694
5695
5696
5697
5698
5699
5700
5701
5702
5703
5704
5705
5706
5707
5708
5709
5710
5711
5712
5713
5714
5715
5716
5717
5718
5719
5720
5721
5722
5723
5724
5725
5726
5727
5728
5729
5730
5731
5732
5733
5734
5735
5736
5737
5738
5739
5740
5741
5742
5743
5744
5745
5746
5747
5748
5749
5750
5751
5752
5753
5754
5755
5756
5757
5758
5759
5760
5761
5762
5763
5764
5765
5766
5767
5768
5769
5770
5771
5772
5773
5774
5775
5776
5777
5778
5779
5780
5781
5782
5783
5784
5785
5786
5787
5788
5789
5790
5791
5792
5793
5794
5795
5796
5797
5798
5799
5800
5801
5802
5803
5804
5805
5806
5807
5808
5809
5810
5811
5812
5813
5814
5815
5816
5817
5818
5819
5820
5821
5822
5823
5824
5825
5826
5827
5828
5829
5830
5831
5832
5833
5834
5835
5836
5837
5838
5839
5840
5841
5842
5843
5844
5845
5846
5847
5848
5849
5850
5851
5852
5853
5854
5855
5856
5857
5858
5859
5860
5861
5862
5863
5864
5865
5866
5867
5868
5869
5870
5871
5872
5873
5874
5875
5876
5877
5878
5879
5880
5881
5882
5883
5884
5885
5886
5887
5888
5889
5890
5891
5892
5893
5894
5895
5896
5897
5898
5899
5900
5901
5902
5903
5904
5905
5906
5907
5908
5909
5910
5911
5912
5913
5914
5915
5916
5917
5918
5919
5920
5921
5922
5923
5924
5925
5926
5927
5928
5929
5930
5931
5932
5933
5934
5935
5936
5937
5938
5939
5940
5941
5942
5943
5944
5945
5946
5947
5948
5949
5950
5951
5952
5953
5954
5955
5956
5957
5958
5959
5960
5961
5962
5963
5964
5965
5966
5967
5968
5969
5970
5971
5972
5973
5974
5975
5976
5977
5978
5979
5980
5981
5982
5983
5984
5985
5986
5987
5988
5989
5990
5991
5992
5993
5994
5995
5996
5997
5998
5999
6000
6001
6002
6003
6004
6005
6006
6007
6008
6009
6010
6011
6012
6013
6014
6015
6016
6017
6018
6019
6020
6021
6022
6023
6024
6025
6026
6027
6028
6029
6030
6031
6032
6033
6034
6035
6036
6037
6038
6039
6040
6041
6042
6043
6044
6045
6046
6047
6048
6049
6050
6051
6052
6053
6054
6055
6056
6057
6058
6059
6060
6061
6062
6063
6064
6065
6066
6067
6068
6069
6070
6071
6072
6073
6074
6075
6076
6077
6078
6079
6080
6081
6082
6083
6084
6085
6086
6087
6088
6089
6090
6091
6092
6093
6094
6095
6096
6097
6098
6099
6100
6101
6102
6103
6104
6105
6106
6107
6108
6109
6110
6111
6112
6113
6114
6115
6116
6117
6118
6119
6120
6121
6122
6123
6124
6125
6126
6127
6128
6129
6130
6131
6132
6133
6134
6135
6136
6137
6138
6139
6140
6141
6142
6143
6144
6145
6146
6147
6148
6149
6150
6151
6152
6153
6154
6155
6156
6157
6158
6159
6160
6161
6162
6163
6164
6165
6166
6167
6168
6169
6170
6171
6172
6173
6174
6175
6176
6177
6178
6179
6180
6181
6182
6183
6184
6185
6186
6187
6188
6189
6190
6191
6192
6193
6194
6195
6196
6197
6198
6199
6200
6201
6202
6203
6204
6205
6206
6207
6208
6209
6210
6211
6212
6213
6214
6215
6216
6217
6218
6219
6220
6221
6222
6223
6224
6225
6226
6227
6228
6229
6230
6231
6232
6233
6234
6235
6236
6237
6238
6239
6240
6241
6242
6243
6244
6245
6246
6247
6248
6249
6250
6251
6252
6253
6254
6255
6256
6257
6258
6259
6260
6261
6262
6263
6264
6265
6266
6267
6268
6269
6270
6271
6272
6273
6274
6275
6276
6277
6278
6279
6280
6281
6282
6283
6284
6285
6286
6287
6288
6289
6290
6291
6292
6293
6294
6295
6296
6297
6298
6299
6300
6301
6302
6303
6304
6305
6306
6307
6308
6309
6310
6311
6312
6313
6314
6315
6316
6317
6318
6319
6320
6321
6322
6323
6324
6325
6326
6327
6328
6329
6330
6331
6332
6333
6334
6335
6336
6337
6338
6339
6340
6341
6342
6343
6344
6345
6346
6347
6348
6349
6350
6351
6352
6353
6354
6355
6356
6357
6358
6359
6360
6361
6362
6363
6364
6365
6366
6367
6368
6369
6370
6371
6372
6373
6374
6375
6376
6377
6378
6379
6380
6381
6382
6383
6384
6385
6386
6387
6388
6389
6390
6391
6392
6393
6394
6395
6396
6397
6398
6399
6400
6401
6402
6403
6404
6405
6406
6407
6408
6409
6410
6411
6412
6413
6414
6415
6416
6417
6418
6419
6420
6421
6422
6423
6424
6425
6426
6427
6428
6429
6430
6431
6432
6433
6434
6435
6436
6437
6438
6439
6440
6441
6442
6443
6444
6445
6446
6447
6448
6449
6450
6451
6452
6453
6454
6455
6456
6457
6458
6459
6460
6461
6462
6463
6464
6465
6466
6467
6468
6469
6470
6471
6472
6473
6474
6475
6476
6477
6478
6479
6480
6481
6482
6483
6484
6485
6486
6487
6488
6489
6490
6491
6492
6493
6494
6495
6496
6497
6498
6499
6500
6501
6502
6503
6504
6505
6506
6507
6508
6509
6510
6511
6512
6513
6514
6515
6516
6517
6518
6519
6520
6521
6522
6523
6524
6525
6526
6527
6528
6529
6530
6531
6532
6533
6534
6535
6536
6537
6538
6539
6540
6541
6542
6543
6544
6545
6546
6547
6548
6549
6550
6551
6552
6553
6554
6555
6556
6557
6558
6559
6560
6561
6562
6563
6564
6565
6566
6567
6568
6569
6570
6571
6572
6573
6574
6575
6576
6577
6578
6579
6580
6581
6582
6583
6584
6585
6586
6587
6588
6589
6590
6591
6592
6593
6594
6595
6596
6597
6598
6599
6600
6601
6602
6603
6604
6605
6606
6607
6608
6609
6610
6611
6612
6613
6614
6615
6616
6617
6618
6619
6620
6621
6622
6623
6624
6625
6626
6627
6628
6629
6630
6631
6632
6633
6634
6635
6636
6637
6638
6639
6640
6641
6642
6643
6644
6645
6646
6647
6648
6649
6650
6651
6652
6653
6654
6655
6656
6657
6658
6659
6660
6661
6662
6663
6664
6665
6666
6667
6668
6669
6670
6671
6672
6673
6674
6675
6676
6677
6678
6679
6680
6681
6682
6683
6684
6685
6686
6687
6688
6689
6690
6691
6692
6693
6694
6695
6696
6697
6698
6699
6700
6701
6702
6703
6704
6705
6706
6707
6708
6709
6710
6711
6712
6713
6714
6715
6716
6717
6718
6719
6720
6721
6722
6723
6724
6725
6726
6727
6728
6729
6730
6731
6732
6733
6734
6735
6736
6737
6738
6739
6740
6741
6742
6743
6744
6745
6746
6747
6748
6749
6750
6751
6752
6753
6754
6755
6756
6757
6758
6759
6760
6761
6762
6763
6764
6765
6766
6767
6768
6769
6770
6771
6772
6773
6774
6775
6776
6777
6778
6779
6780
6781
6782
6783
6784
6785
6786
6787
6788
6789
6790
6791
6792
6793
6794
6795
6796
6797
6798
6799
6800
6801
6802
6803
6804
6805
6806
6807
6808
6809
6810
6811
6812
6813
6814
6815
6816
6817
6818
6819
6820
6821
6822
6823
6824
6825
6826
6827
6828
6829
6830
6831
6832
6833
6834
6835
6836
6837
6838
6839
6840
6841
6842
6843
6844
6845
6846
6847
6848
6849
6850
6851
6852
6853
6854
6855
6856
6857
6858
6859
6860
6861
6862
6863
6864
6865
6866
6867
6868
6869
6870
6871
6872
6873
6874
6875
6876
6877
6878
6879
6880
6881
6882
6883
6884
6885
6886
6887
6888
6889
6890
6891
6892
6893
6894
6895
6896
6897
6898
6899
6900
6901
6902
6903
6904
6905
6906
6907
6908
6909
6910
6911
6912
6913
6914
6915
6916
6917
6918
6919
6920
6921
6922
6923
6924
6925
6926
6927
6928
6929
6930
6931
6932
6933
6934
6935
6936
6937
6938
6939
6940
6941
6942
6943
6944
6945
6946
6947
6948
6949
6950
6951
6952
6953
6954
6955
6956
6957
6958
6959
6960
6961
6962
6963
6964
6965
6966
6967
6968
6969
6970
6971
6972
6973
6974
6975
6976
6977
6978
6979
6980
6981
6982
6983
6984
6985
6986
6987
6988
6989
6990
6991
6992
6993
6994
6995
6996
6997
6998
6999
7000
7001
7002
7003
7004
7005
7006
7007
7008
7009
7010
7011
7012
7013
7014
7015
7016
7017
7018
7019
7020
7021
7022
7023
7024
7025
7026
7027
7028
7029
7030
7031
7032
7033
7034
7035
7036
7037
7038
7039
7040
7041
7042
7043
7044
7045
7046
7047
7048
7049
7050
7051
7052
7053
7054
7055
7056
7057
7058
7059
7060
7061
7062
7063
7064
7065
7066
7067
7068
7069
7070
7071
7072
7073
7074
7075
7076
7077
7078
7079
7080
7081
7082
7083
7084
7085
7086
7087
7088
7089
7090
7091
7092
7093
7094
7095
7096
7097
7098
7099
7100
7101
7102
7103
7104
7105
7106
7107
7108
7

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

M.R.O. - MINING RIGHTS ONLY
S.R.O. - SURFACE RIGHTS ONLY
M.&S. - MINING AND SURFACE RIGHTS

PIFHER TWP. - G-141

SANDRA TWP. - G-167

WALTERS TWP. - G-171

McCOMBER TWP. - G-166

NOTICE-
The information that appears on this map has been compiled from various sources and accuracy is not guaranteed. Those wishing to stake MINING CLAIMS should consult with the MINING RECORDER, Ministry of Northern Development and Mines, for additional information on the status of the lands shown hereon.

TOWNSHIP

IRWIN

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

DATE OF ISSUE

JUN 0 8 1998

PROVINCIAL RECORDING OFFICE - SUDBURY

LEGEND

PATENTED LAND	P or
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE	or L
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	17
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

*used only with summer resort locations or when space is limited

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 (1 KM) 2000 (2 KM)

Ontario Ministry of Natural Resources — Land Management Branch

Date FEBRUARY 6th, 1981

In Service Jan. 12/96 (LA)

Number **G-164**

1760

M.1760

IRWIN

NIPIGON PROVINCIAL FOREST

THUNDER BAY MINING DIVISION

DISTRICT OF THUNDER BAY

Scale — 40 Chains = 1 Inch

North Ast.

PIFHER

SANDRA

WATERS

Twinfalls

Nunewaminikin River

Patterl Knox L.

McCumbly Lake

Bearskin Lake

Windigokan Lake

Boat Lake

Spawn L.

Stull Lake

Tallon Lake

Schnob Lake

Goospeck L.

Watson L.

Mason Road to Sturgeon River Gold Mine

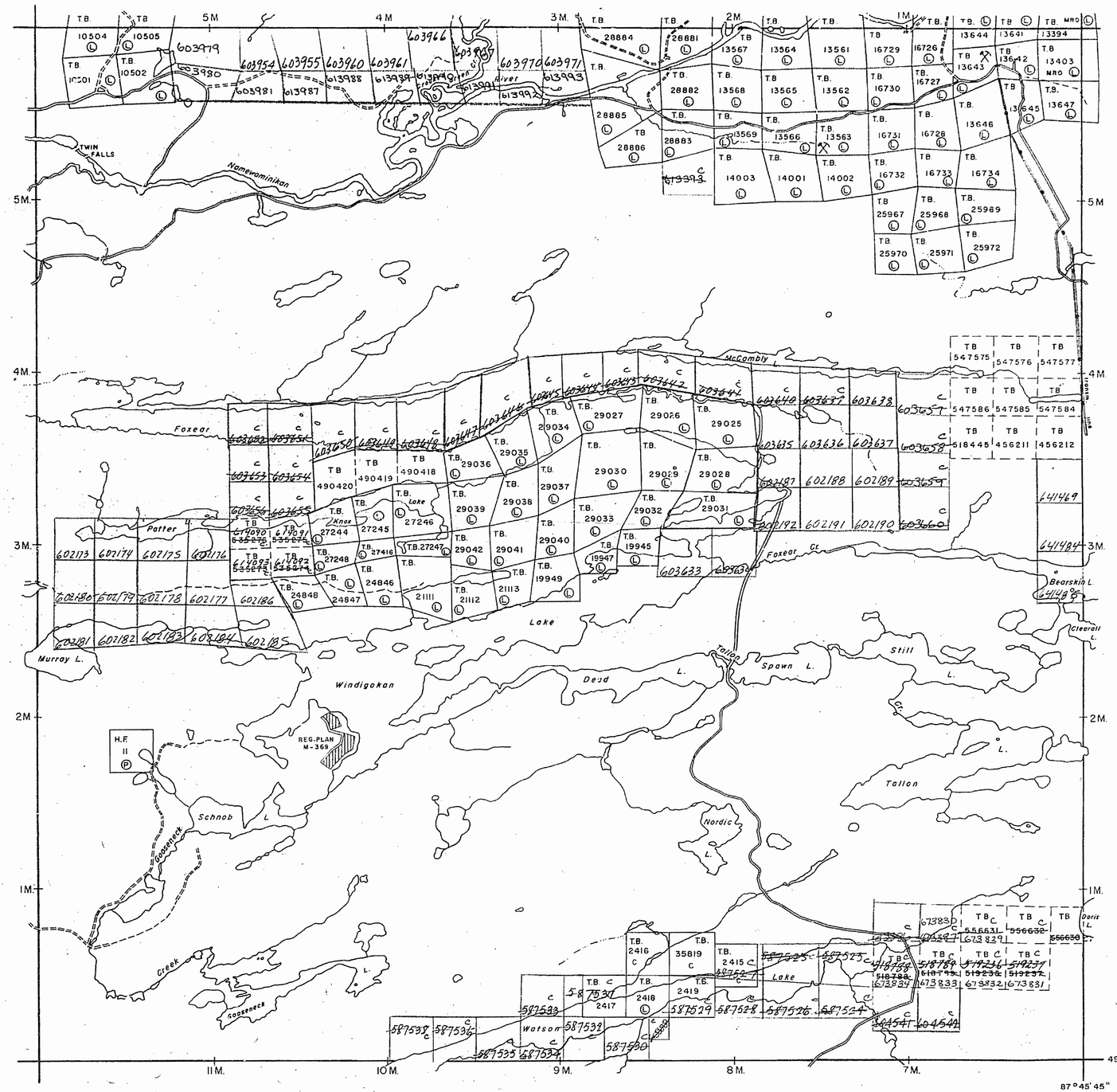
For Description of Claims see Report

T. COMBER

M.1760

NOTES

PIFHER TWP. - G-141



TOWNSHIP

IRWIN

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

THUNDER BAY MINING DIVISION
RECEIVED
OCT 22 1982
AM 7 8 9 10 11 12 1 2 3 4 5 PM

LEGEND

PATENTED LAND	Ⓟ or
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE	Ⓛ
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	(17)
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

*used only with summer resort locations or when space is limited

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 (1 KM) 2000 (2 KM)

Ontario Ministry of Natural Resources — Land Management Branch

Mar. 18/81

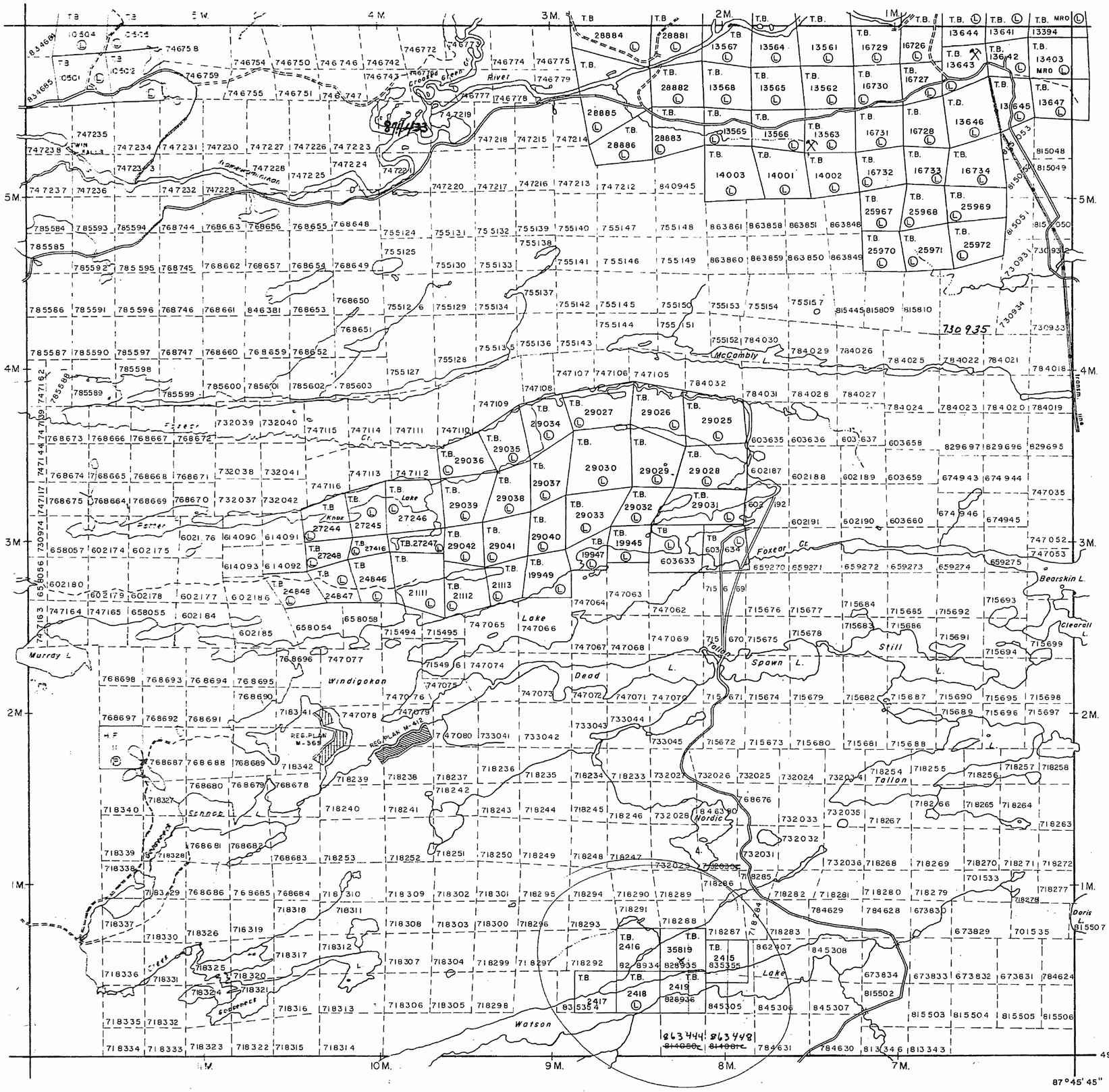
Date FEBRUARY 6th, 1981

Number **G-164**

PIFHER TWP. - G-141

SANDRA TWP. - G-167

WALTERS TWP. - G-171



McCOMBER TWP. - G-166

TOWNSHIP

IRWIN

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

THUNDER BAY MINING DIVISION
RECEIVED
NOV 26 1985
AM 7 8 9 10 11 12 1 2 3 4 5 6 PM

LEGEND

PATENTED LAND	(P) or
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE	(L)
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	(17)
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

*used only with summer resort locations or when space is limited

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 (1 KM) 2000 (2 KM)

Ministry of Natural Resources — Land Management Branch

Ontario

Nov. 6, 1985

Date FEBRUARY 6th, 1981

Number G-164

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

S.R. - SURFACE RIGHTS M.R. - MINING RIGHTS

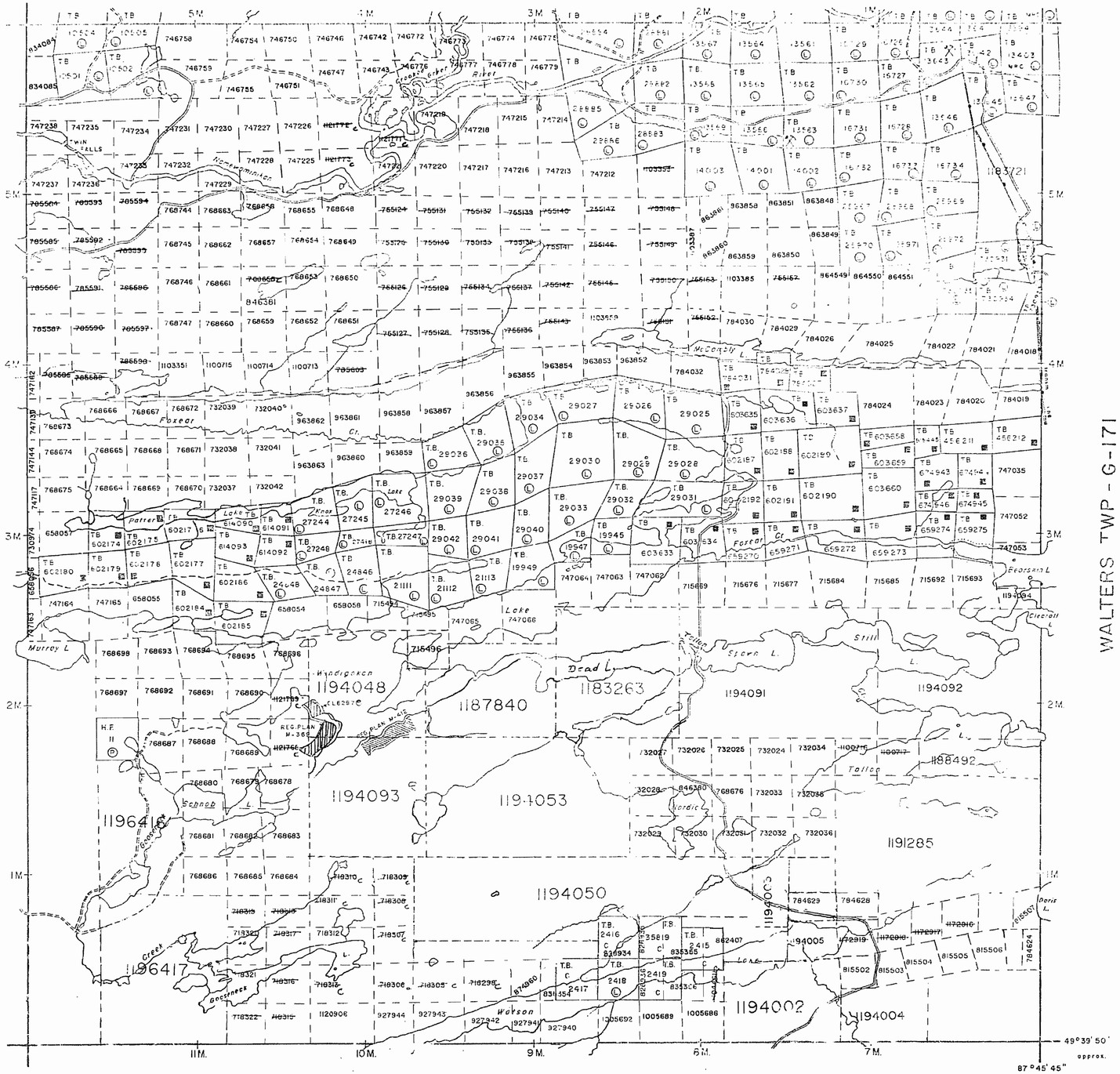
DESCRIPTION	ORDER NO.	DATE	DISPOSITION	FILE

PIFHER TWP. - G-141

SANDRA TWP. - G-167

WALTERS TWP - G-171

McCOMBER TWP. - G-166



TOWNSHIP

IRWIN

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

RECEIVED
THUNDER BAY
MINING DIVISION
'93 APR 14 AM 9 11

LEGEND

PATENTED LAND	
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE	
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALE	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE No.	
RIVERS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

*UNLESS ONLY MINE RIGHTS HAVE BEEN GRANTED OR WHERE SURFACE IS LIMITED

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 2000
(1 KM) (2 KM)

Ontario Ministry of Natural Resources — Land Management Branch

March 3, 1992

Date	Number
FEBRUARY 6th, 1981	G-164

RENCES

AWN FROM DISPOSITION

RIGHTS M.R. - MINING RIGHTS

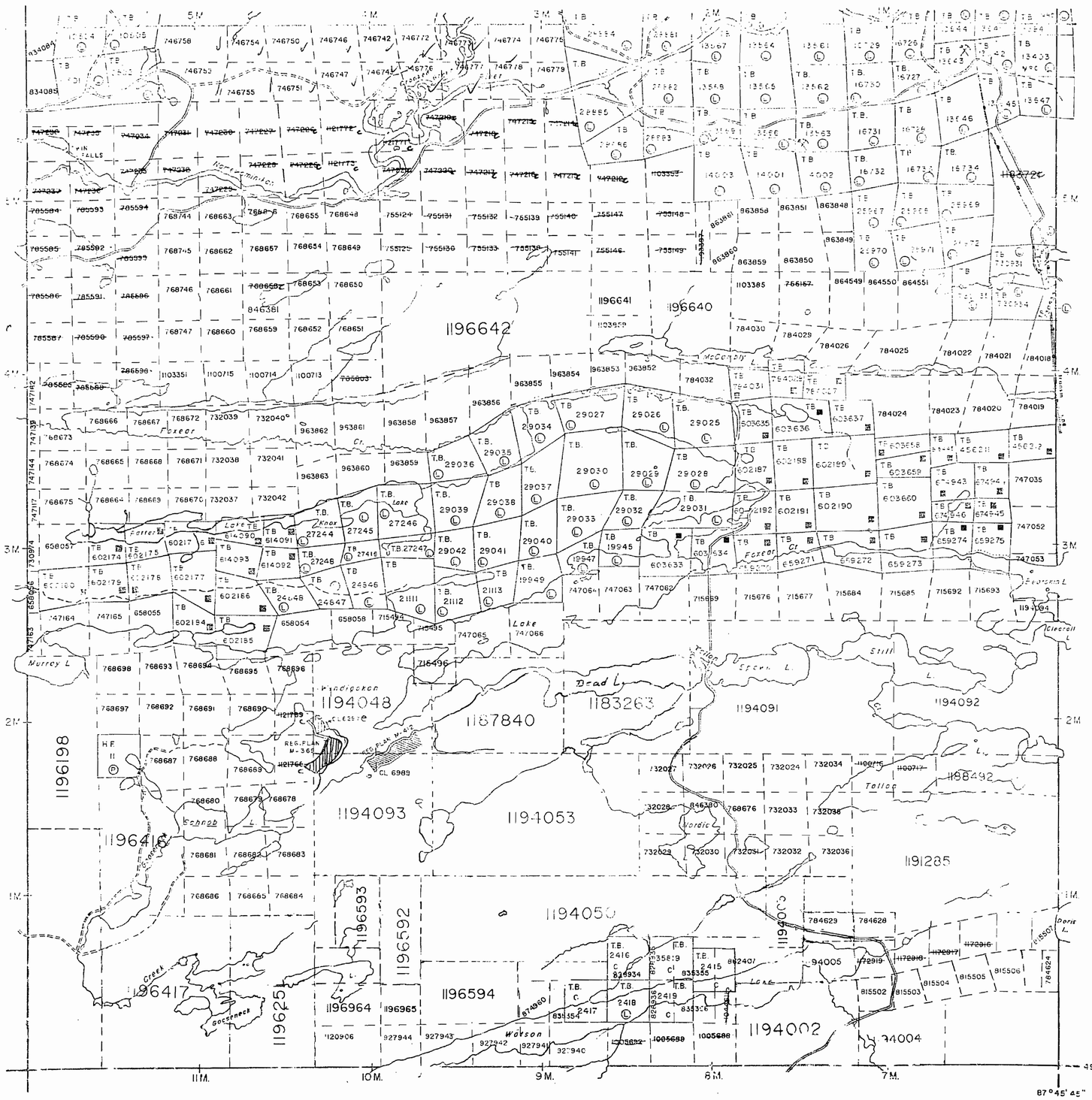
DER NO. DATE DISPOSITION FILE

MATHER TWP. - G-141

SANDRA TWP. - G-167

WALTERS TWP. - G-171

McCOMBER TWP. - G-166



TOWNSHIP

IRWIN

M.N.R. ADMINISTRATIVE DISTRICT

THUNDER

MINING DIVISION

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

LEGEND

PATENTED LAND
PATENTED FOR SURFACE RIGHTS ONLY
LEASE
LICENSE OF OCCUPATION
ORDER-IN-COUNCIL
LOCATED LAND
CANCELLED
MINING RIGHTS ONLY
SURFACE RIGHTS ONLY
HIGHWAY & ROUTE
RAILWAY
POWER LINE
MARSH OR MUSKEG
MINES

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000

METRES 0 200 1000 2000
(1 KM) (2 KM)

Ontario Ministry of Natural Resources — Land Management Branch

March 3, 1992

Date FEBRUARY 6th, 1981

Number G-164

JAN 6, 1994
G-164

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

S.R. - SURFACE RIGHTS M.R. - MINING RIGHTS

DESCRIPTION	ORDER NO.	DATE	DISPOSITION	FILE

PIFHER TWP - G-141

SANDRA TWP. - G-167

WALTERS TWP. - G-171

McCOMBER TWP - G-166

TOWNSHIP

IRWIN

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

LEGEND

PATENTED LAND	(F) or
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE	(L)
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	17
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

*used only with summer resort locations or when space is limited

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000

METRES 0 200 1000 2000 (1 KM) (2 KM)

Ministry of Natural Resources — Land Management Branch

Ontario

March 3, 1992

Date FEBRUARY 6th, 1981

Number G-164

Out of Service Jan. 12/96. (LA)

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

M.R.O. - MINING RIGHTS ONLY
S.R.O. - SURFACE RIGHTS ONLY
M.+S. - MINING AND SURFACE RIGHTS

PIFHER TWP. - G-141

SANDRA TWP. - G-167

WALTERS TWP. - G-171

McCOMBER TWP - G-166

NOTICE-
The information that appears on this map has been compiled from various sources and accuracy is not guaranteed. Those wishing to stake MINING CLAIMS should consult with the MINING RECORDER, Ministry of Northern Development and Mines, for additional information on the status of the lands shown hereon.

TOWNSHIP

IRWIN

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

DATE OF ISSUE

MAR 12 1998

PROVINCIAL RECORDING OFFICE - SUDBURY

LEGEND

PATENTED LAND	P or
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE	or L
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	17
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

*used only with summer resort locations or when space is limited

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 (1 KM) 2000 (2 KM)

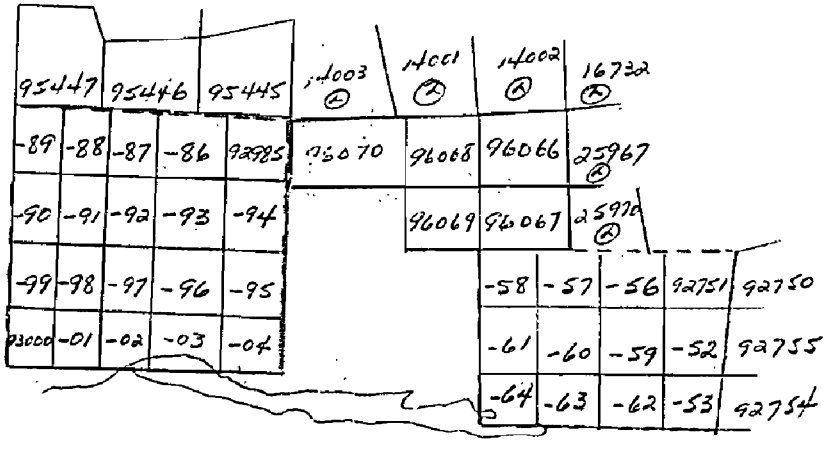
Ontario Ministry of Natural Resources — Land Management Branch

Date FEBRUARY 6th, 1981

Number **G-164**

In Service Jan. 12/96 (LA)

1760



MAP AREA RE-ADJUSTED.

NEW RECORDINGS.

NOTES

PIFHER TWP. - G-141

SANDRA TWP. - G-167

WALTERS TWP. - G-171

McCOMBER TWP. - G-166

TOWNSHIP

IRWIN

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

THUNDER BAY MINING DIVISION RECEIVED JUN 24 1985 AM 7 8 9 10 11 12 1 2 3 4 5 6 PM

LEGEND

PATENTED LAND	(P) or
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE	(L)
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	(17)
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

*used only with summer resort locations or when space is limited

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 (1 KM) 2000 (2 KM)

Ontario Ministry of Natural Resources — Land Management Branch

Mar. 10/81

Date FEBRUARY 6th, 1981

Number **G-164**

PIFHER TWP. - G-141

SANDRA TWP. - G-167

WALTERS TWP. - G-171

McCOMBER TWP. - G-166

TOWNSHIP

IRWIN

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION & GERALDTON

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

'89 MAR 28 11 19

Now Recordings this Date on outlined Series on Map

SURVEYED PRIOR TO 1961

LEGEND

PATENTED LAND	(P) or
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE	(L)
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	(17)
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

*used only with summer resort locations or when space is limited

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 2000 (1 KM) (2 KM)

Ministry of Natural Resources — Land Management Branch

Ontario

Date FEBRUARY 6th, 1981

Number **G-164**

Nov 1, 1985

RENCES

AWN FROM DISPOSITION

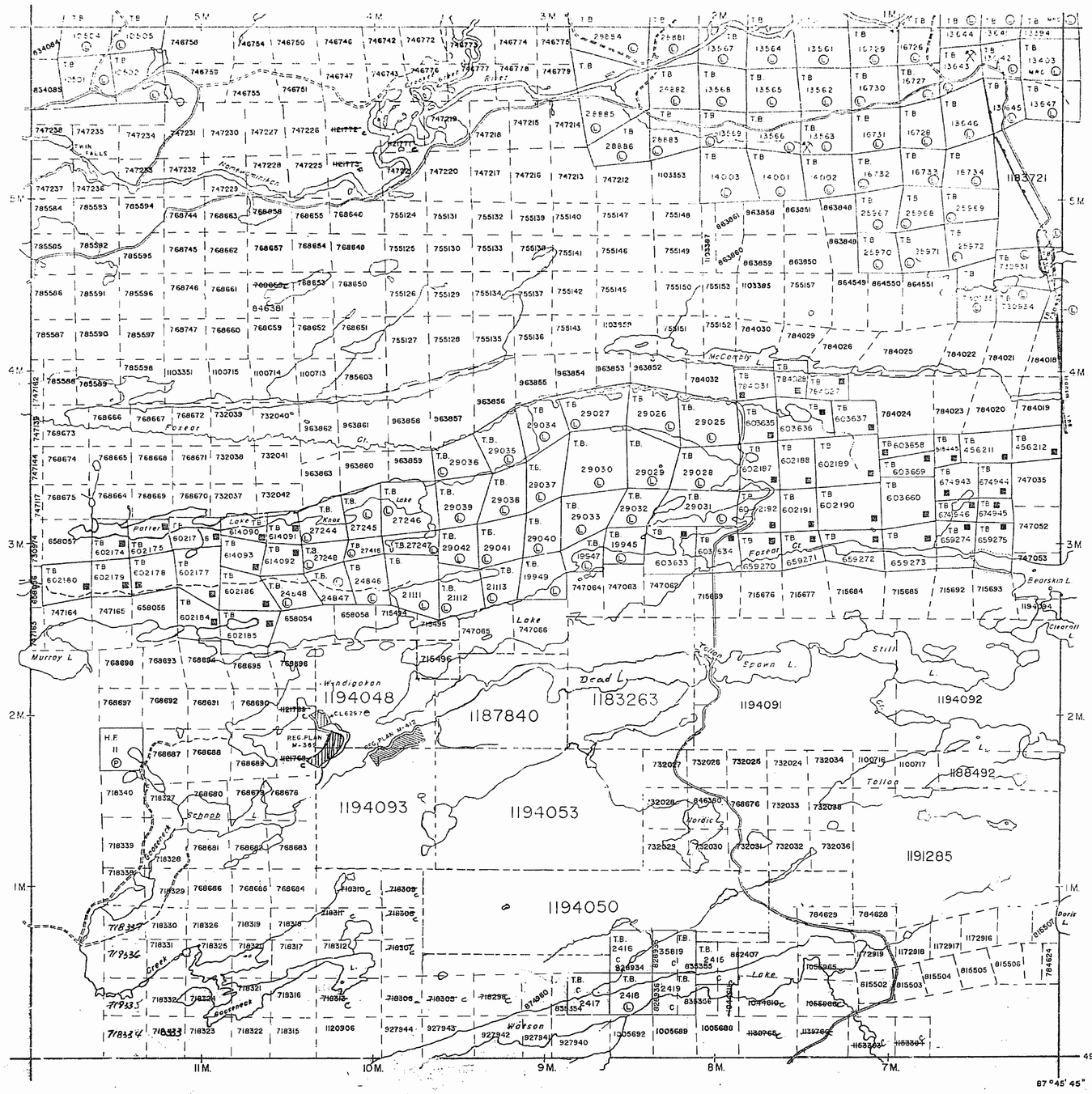
IGHTS M.R. - MINING RIGHTS

ER NO. DATE DISPOSITION FILE

PIFHER TWP. - G-141

SANDRA TWP. - G-167

WALTERS TWP. - G-171



McCOMBER TWP. - G-166

TOWNSHIP

IRWIN

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

LEGEND

PATENTED LAND	(P) or
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE	(L)
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	17
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

*used only with summer resort locations or when space is limited

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 (1 KM) 2000 (2 KM)

Ontario Ministry of Natural Resources — Land Management Branch

March 3, 1992

Date FEBRUARY 6th, 1981

Number G-164

RECEIVED
THUNDER BAY
MINING DIVISION
'92 DEC 14 PM 2 15

'94 AUG 24 AM 10 52

ERENCES

HDRAWN FROM DISPOSITION

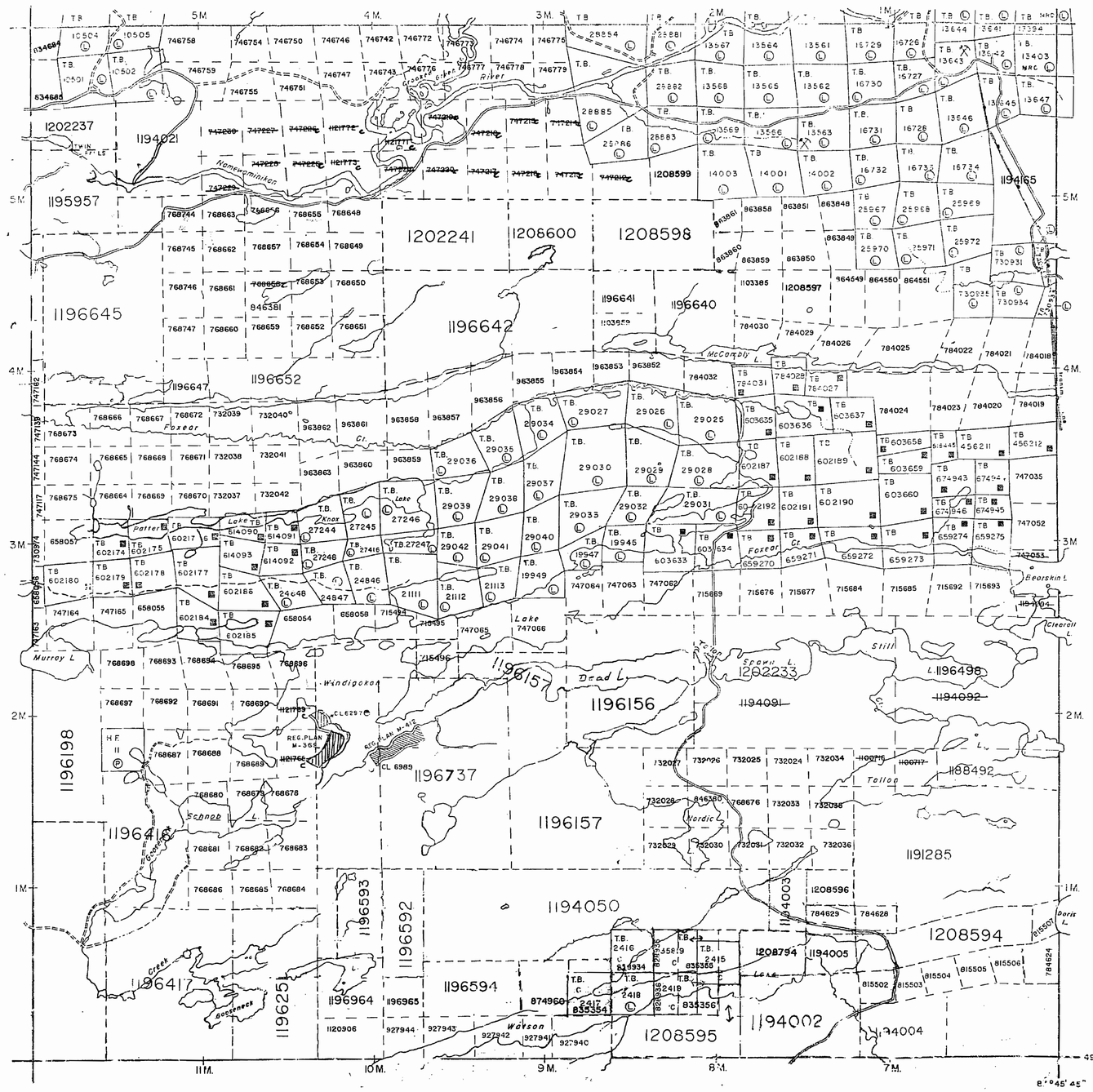
CE RIGHTS M.R. - MINING RIGHTS

ORDER NO.	DATE	DISPOSITION	FILE

PIFHER TWP - G-141

SANDRA TWP - G-167

WALTERS TWP - G-171



SANDRA TWP - G-167

WALTERS TWP - G-171

McCOMBER TWP - G-166

TOWNSHIP

IRWIN

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

LEGEND

PATENTED LAND	P or
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE	L
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAYS & ROUTE NO.	17
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES *	

*used only with summary resort locations or when space is limited

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000

METRES 0 200 1000 2000 (1 KM) (2 KM)

Ministry of Natural Resources — Land Management Branch

Ontario

Date FEBRUARY 6th, 1981

March 3, 1992

Number G-164

AUG 24, 1994

G-164

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

M.R.O. - MINING RIGHTS ONLY
S.R.O. - SURFACE RIGHTS ONLY
M.+S. - MINING AND SURFACE RIGHTS

PIFHER TWP. - G-141

SANDRA TWP. - G-167

WALTERS TWP. - G-171

McCOMBER TWP. - G-166

NOTICE-
The information that appears on this map has been compiled from various sources and accuracy is not guaranteed. Those wishing to stake MINING CLAIMS should consult with the MINING RECORDER, Ministry of Northern Development and Mines, for additional information on the status of the lands shown hereon.

TOWNSHIP

IRWIN

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

DATE OF ISSUE

NOV 0 2 1998

PROVINCIAL RECORDING OFFICE - SUDBURY

LEGEND

PATENTED LAND	P or
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE	or L
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	17
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

*used only with summer resort locations or when space is limited

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 (1 KM) 2000 (2 KM)

Ontario Ministry of Natural Resources — Land Management Branch

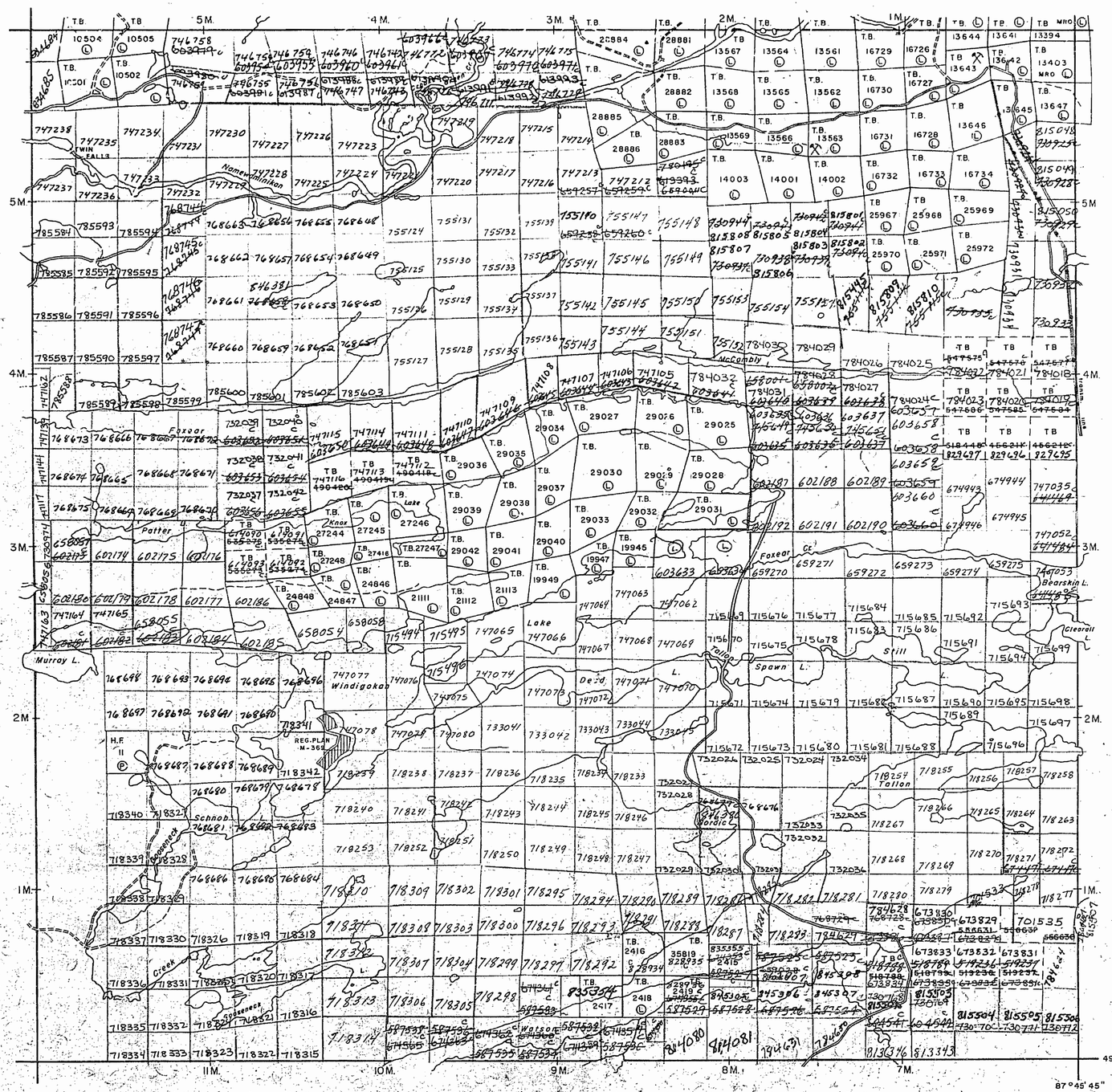
Date FEBRUARY 6th, 1981

Number **G-164**

In Service Jan. 12/96 (LA)

NOTES

PIFHER TWP. - G-141



TOWNSHIP

IRWIN

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

THUNDER BAY
MINING DIVISION
RECEIVED
SEP 1 1985
7 8 9 10 11 12 1 2 3 4 5 6
1

LEGEND

PATENTED LAND	P or
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE	L
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	17
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

*used only with summer resort locations or when space is limited

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 (1 KM) 2000 (2 KM)

Ontario
Mar. 10/81

Ministry of Natural Resources — Land Management Branch

Date FEBRUARY 6th, 1981

Number **G-164**

PIFHER TWP. - G-141

SANDRA TWP. - G-167

WALTERS TWP. - G-171

McCOMBER TWP. - G-166

TOWNSHIP

IRWIN

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

THUNDER BAY MINING DIVISION
RECEIVED
DEC 03 1986
AM 7|8|9|10|11|12|1|2|3|4|5|6 PM

LEGEND

PATENTED LAND	(P) or ● *
PATENTED FOR SURFACE RIGHTS ONLY	◒ *
LEASE	(L)
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	17
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

*used only with summer resort locations or when space is limited

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 (1 KM) 2000 (2 KM)

Ministry of Natural Resources — Land Management Branch

Ontario

Nov. 1, 1985

Date FEBRUARY 6th, 1981

Number **G-164**

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

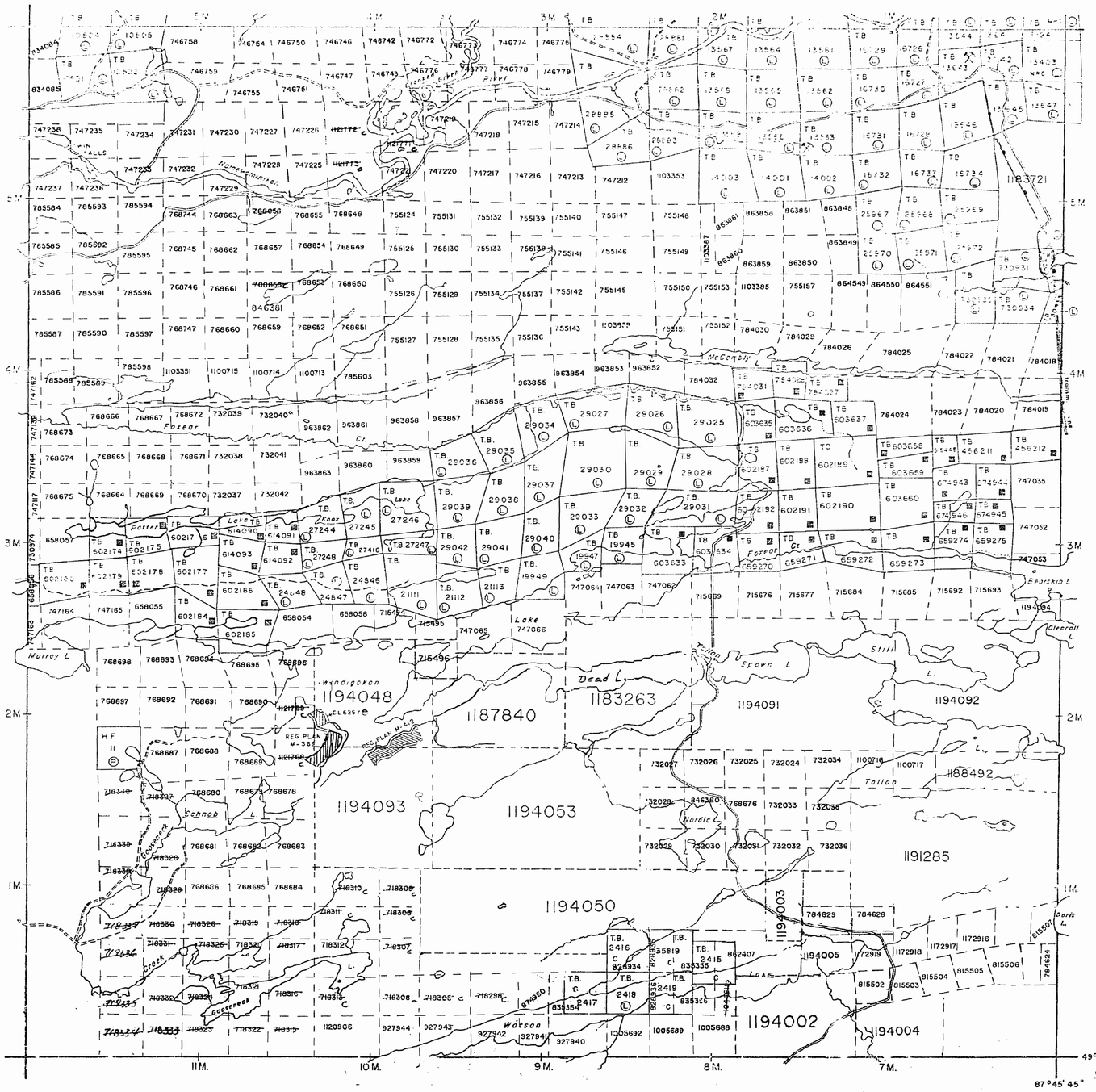
S.R. - SURFACE RIGHTS M.R. - MINING RIGHTS

DESCRIPTION	ORDER NO.	DATE	DISPOSITION	FILE

PIFHER TWP. - G-141

SANDRA TWP. - G-167

WALTERS TWP. - G-171



McCOMBER TWP. - G-166

TOWNSHIP

IRWIN

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

RECEIVED
THUNDER BAY
MINING DIVISION
'93 FEB 19 PM 3 57

LEGEND

PATENTED LAND	P. or
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE	L.
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALE	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAYS & ROUTE NO.	17
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

*used only with surface rights locations or when space is limited

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 2000
(1 KM) (2 KM)

Ministry of Natural Resources — Land Management Branch

Ontario

March 3, 1992

Date	Number
FEBRUARY 6th, 1981	G-164

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

S.R. - SURFACE RIGHTS M.R. - MINING RIGHTS

DESCRIPTION	ORDER NO.	DATE	DISPOSITION	FILE

PIFHER TWP. - G-141

SANDRA TWP. - G-167

WALTERS TWP - G-171

McCOMBER TWP - G-166

TOWNSHIP

IRWIN

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

RECEIVED
THUNDER BAY
MINING DIVISION
'94 JUL 19 AM 10 48

LEGEND

PATENTED LAND	P or
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE	L
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	17
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

*used only with summer resort locations or when space is limited

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 (1 KM) 2000 (2 KM)

Ministry of Natural Resources — Land Management Branch

Ontario

March 3, 1992

Date FEBRUARY 6th, 1981

Number G-164

JUL 19, 1994
G-164

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

M.R.O. - MINING RIGHTS ONLY
S.R.O. - SURFACE RIGHTS ONLY
M.+S. - MINING AND SURFACE RIGHTS

PIFHER TWP. - G-141

SANDRA TWP. - G-167

WALTERS TWP. - G-171

McCOMBER TWP. - G-166

TOWNSHIP

IRWIN

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

LEGEND

PATENTED LAND	P or
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE	or L
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	17
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

*used only with summer resort locations or when space is limited

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 2000 (1 KM) (2 KM)

Ontario Ministry of Natural Resources — Land Management Branch

Date FEBRUARY 6th, 1981

In Service Jan. 12/96 (LA)

Number **G-164**

DATE OF ISSUE
JUN 26 1998
PROVINCIAL RECORDING OFFICE - SUDBURY

NOTICE-
The information that appears on this map has been compiled from various sources and accuracy is not guaranteed. Those wishing to stake MINING CLAIMS should consult with the MINING RECORDER, Ministry of Northern Development and Mines, for additional information on the status of the lands shown hereon.

1760

IRWIN

NIPIGON PROVINCIAL FOREST

PORT ARTHUR MINING DIVISION

DISTRICT OF THUNDER BAY

Scale — 40 Chains = 1 Inch

North Ast.

PIFHER

SANDRA

WALTERS

Twinfalls

Nunewaminikai

McCuaig Lake

Patter L.

Knox L.

Bearskin Lake

Windigokan Lake

Dead Lake

Spawn L.

Still Lake

Schnab Lake

Goospen L.

Tallon Lake

Wallson

Magnetic

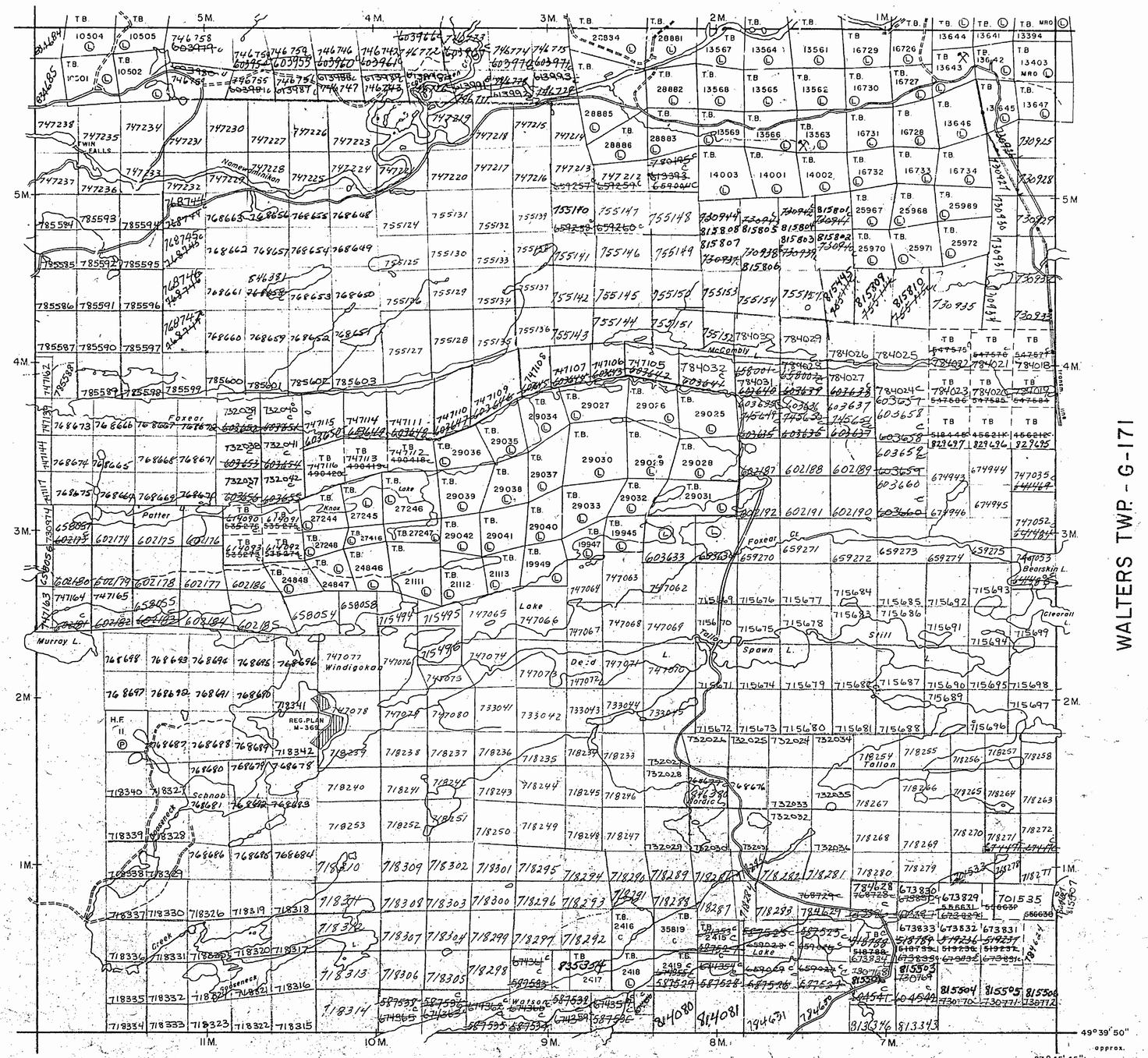
1969 M 1760

NOTES

PIFHER TWP. - G-141

SANDRA TWP. - G-167

WALTERS TWP. - G-171


5M.
4M.
3M.
2M.
1M.
11M.
10M.
9M.
8M.
7M.
Foxear
Potter
Knox
Lake
Schnob
Woodpeck
Creek
Sydeneck
Watson
Murray L.
Windigokan
Nameweminikan
McCombly
Foxear
Lake
Spawn L.
Still
Talon
Bearskin L.
Clearsail
Talon
Lake
Woodpeck
Creek
Sydeneck
Watson
Schnob
Foxear
Potter
Knox
Lake

PIFHER TWP. - G-141

SANDRA TWP. - G-167

WALTERS TWP. - G-171

McCOMBER TWP. - G-166

RECEIVED
THUNDER BAY
MINING DIVISION
1981 JAN 12 PM 4 01

TOWNSHIP

IRWIN

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION ~~GERALDTON~~

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

LEGEND

PATENTED LAND	P or
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE	L
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	17
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

*used only with summer resort locations or when space is limited

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 (1 KM) 2000 (2 KM)

Ministry of Natural Resources — Land Management Branch

Ontario

Date FEBRUARY 6th, 1981

Number **G-164**

49°39' 50" approx.

87°45' 45"

1760

IRWIN

NIPIGON PROVINCIAL FOREST

PORT ARTHUR MINING DIVISION

DISTRICT OF THUNDER BAY

Scale:—40 Chains = 1 Inch

North Ast.

PIFHER

SANDRA

WALTERS

Twin Falls

Namewaininukan

Nameiwan Lake

Patterl

Knox L.

Lake

Bearskin Lake

Windigokan

Dead Lake

Spawn L.

Still Lake

Tallon Lake

Schnab Lake

Goosneck L.

Watson L.

Lake

Wagon Road to Sturgeon River Gold Mines

J. GRANT MAY 26/61
TB 15766
67
69
70
Open June 1/61
Ta.m. STANDARD TIME

North Part

South Part

H.F.10 H.F.11 H.F.12 H.F.13 H.F.14 H.F.15 H.F.18 H.F.19 H.F.20 H.F.21 H.F.22 H.F.23 H.F.24 H.F.25 H.F.26 H.F.27 H.F.28 H.F.29 H.F.30 H.F.31 H.F.34 H.F.35

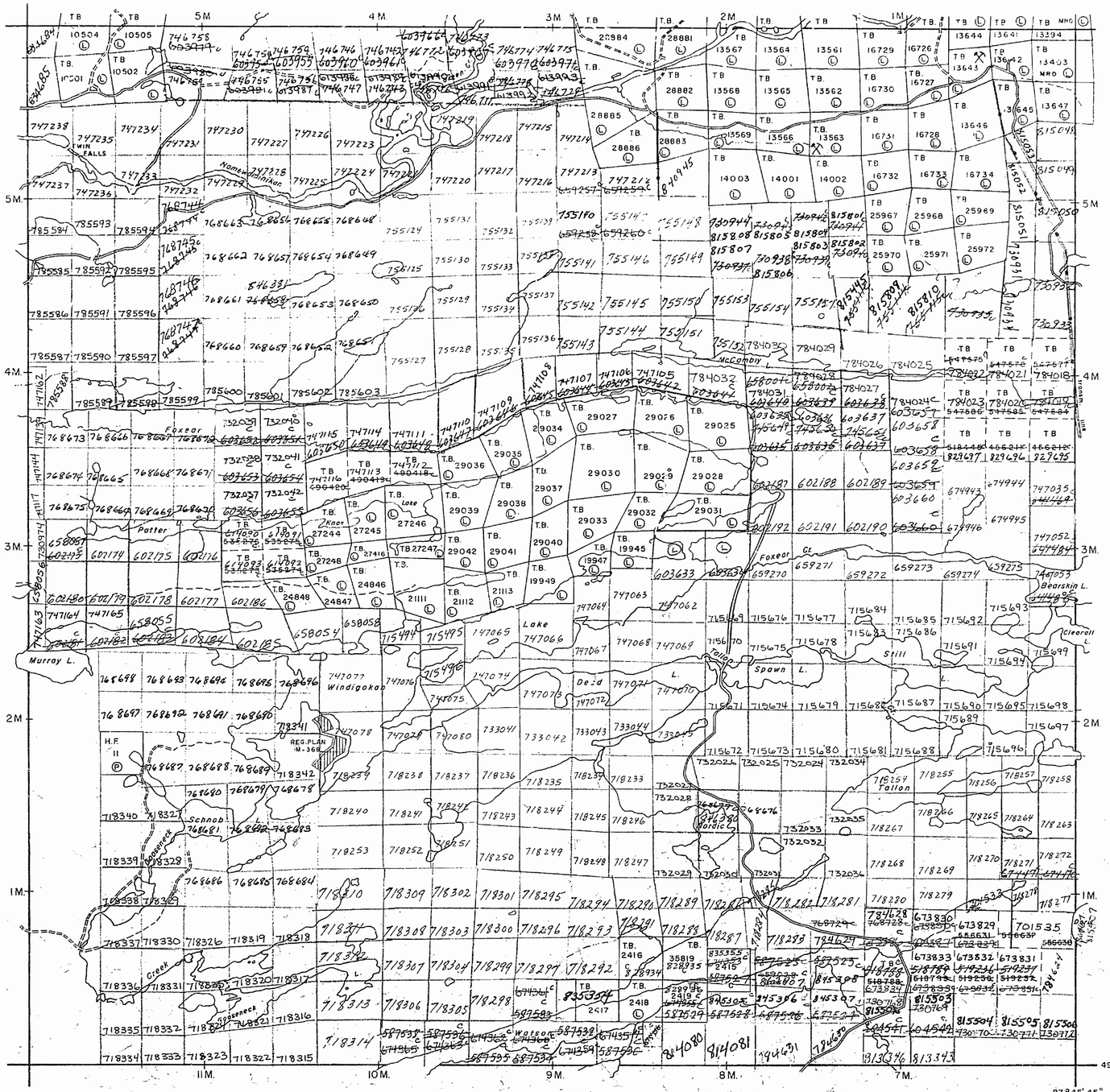
No OPEN GROUND

4.00 Reserve to the Debt
of Fisher Twp

T. McCOMBER 1959

NOTES

PIFHER TWP. - G-141



TOWNSHIP

IRWIN

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

THUNDER BAY MINING DIVISION RECEIVED OCT 28 1985 AM 7 8 9 10 11 12 1 2 3 4 5 6 PM

LEGEND

PATENTED LAND	(P) or
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE	(L)
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	(17)
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

*used only with summer resort locations or when space is limited

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 (1 KM) 2000 (2 KM)

Ontario Ministry of Natural Resources — Land Management Branch

Mac 10/81

Date FEBRUARY 6th, 1981

Number G-164

RECEIVED
THUNDER BAY
MINING DIVISION
'89 JUN 21 PM 2 08

PIFHER TWP. - G-141

SANDRA TWP. - G-167

WALTERS TWP. - G-171

McCOMBER TWP. - G-166

TOWNSHIP

IRWIN

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION & GERALDTON

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

LEGEND

PATENTED LAND	(P) or
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE	(L)
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	(17)
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

*used only with summer resort locations or when space is limited

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 (1 KM) 2000 (2 KM)

Ministry of Natural Resources — Land Management Branch

Ontario

Nov. 1, 1985

Date FEBRUARY 6th, 1981

Number **G-164**

RENCES

WN FROM DISPOSITION

GHTS M.R. - MINING RIGHTS

:R NO. DATE DISPOSITION FILE

PIFHER TWP. - G-141

SANDRA TWP. - G-167

WALTERS TWP. - G-171

McCOMBER TWP. - G-166

TOWNSHIP

IRWIN

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

LEGEND

PATENTED LAND	(P) or
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE	(L)
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	17
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

*used only with summer resort locations or when space is limited

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 80...

METRES 0 200 1000 (1 KM) 2000 (2 KM)

Ministry of Natural Resources — Land Management Branch

Ontario

March 3, 1992

Date FEBRUARY 6th, 1981

Number G-164

RECEIVED
THUNDER BAY
MINING DIVISION
'93 APR 27 AM 11 46

1760

IRWIN

NIPIGON PROVINCIAL FOREST

PORT ARTHUR MINING DIVISION

DISTRICT OF THUNDER BAY

Scale — 40 Chains = 1 Inch

North Ast.

PIFHER

SANDRA

WALTERS

Nunewaininikin

River

Twinfalls

McCambly Lake

Wagon Road to Sturgeon River Gold Mines

Patterl

Knox

Lake

Windigokan

Dead Lake

Spawn

Lake

Bearskin Lake

Talon Lake

Schnab Lake

Goospeck L.

Watson

McCOMBER

1963

M1760

PIFHER TWP. - G-141

SANDRA TWP. - G-167

WALTERS TWP. - G-171

McCOMBER TWP. - G-166

TOWNSHIP

IRWIN

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION GERALDTON

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

RECEIVED
THUNDER BAY
MINING DIVISION
'90 MAY 17 AM 8 18

LEGEND

PATENTED LAND	(P) or *
PATENTED FOR SURFACE RIGHTS ONLY	*
LEASE	(L)
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	(17)
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

*used only with summer resort locations or when space is limited

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 2000 (1 KM) (2 KM)

Ministry of Natural Resources — Land Management Branch

Ontario

Nov. 1, 1985

Date FEBRUARY 6th, 1981

Number G-164

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

S.R. - SURFACE RIGHTS M.R. - MINING RIGHTS

DESCRIPTION	ORDER NO.	DATE	DISPOSITION	FILE

PIFHER TWP. - G-141

SANDRA TWP. - G-167

WALTERS TWP. - G-171

McCOMBER TWP. - G-166

1194091

1194092

1194050

1183721

IRWIN

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON

M.N.R. DIVISION

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

'92 APR 1 AM 11 58

LEGEND

PATENTED LAND	P or
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE	L
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALE	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE No.	17
RIVER	
TRAIL	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

*used only with numbered resort locations or when space is limited

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 (1 KM) 2000 (2 KM)

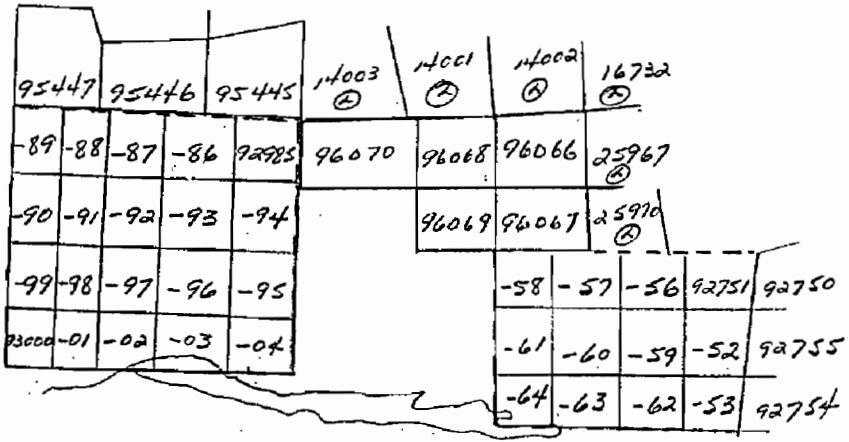
Ontario Ministry of Natural Resources — Land Management Branch

March 3, 1992

Date FEBRUARY 6th, 1981

Number G-164

1760



MAP AREA RE-ADJUSTED.

NEW RECORDINGS.

NOTES

PIFHER TWP. - G-141

SANDRA TWP. - G-167

WALTERS TWP. - G-171

McCOMBER TWP. - G-166

TOWNSHIP

IRWIN

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

THUNDER BAY MINING DIVISION
RECEIVED
OCT 23 2005
10:11:12

LEGEND

PATENTED LAND	P or
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE	L
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	17
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

* used only with summer resort locations or when space is limited

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 (1 KM) 2000 (2 KM)

Ontario Ministry of Natural Resources — Land Management Branch

Mac. 10/81

Date FEBRUARY 6th, 1981

Number **G-164**

FISHER TWP. - G-141

SANDRA TWP. - G-167

WALTERS TWP. - G-171

McCOMBER TWP. - G-166

TOWNSHIP

IRWIN

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION ~~GERALDTON~~

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

RECEIVED
THUNDER BAY
MINING DIVISION
'89 SEP 11 PM 2 50

LEGEND

PATENTED LAND	(P) or *
PATENTED FOR SURFACE RIGHTS ONLY	*
LEASE	(L)
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	(17)
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

*used only with summer resort locations or when space is limited

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 (1 KM) 2000 (2 KM)

Ministry of Natural Resources — Land Management Branch

Ontario

Date FEBRUARY 6th, 1981

Number **G-164**

FERENCES

WITHDRAWN FROM DISPOSITION

ACE RIGHTS M.R. - MINING RIGHTS

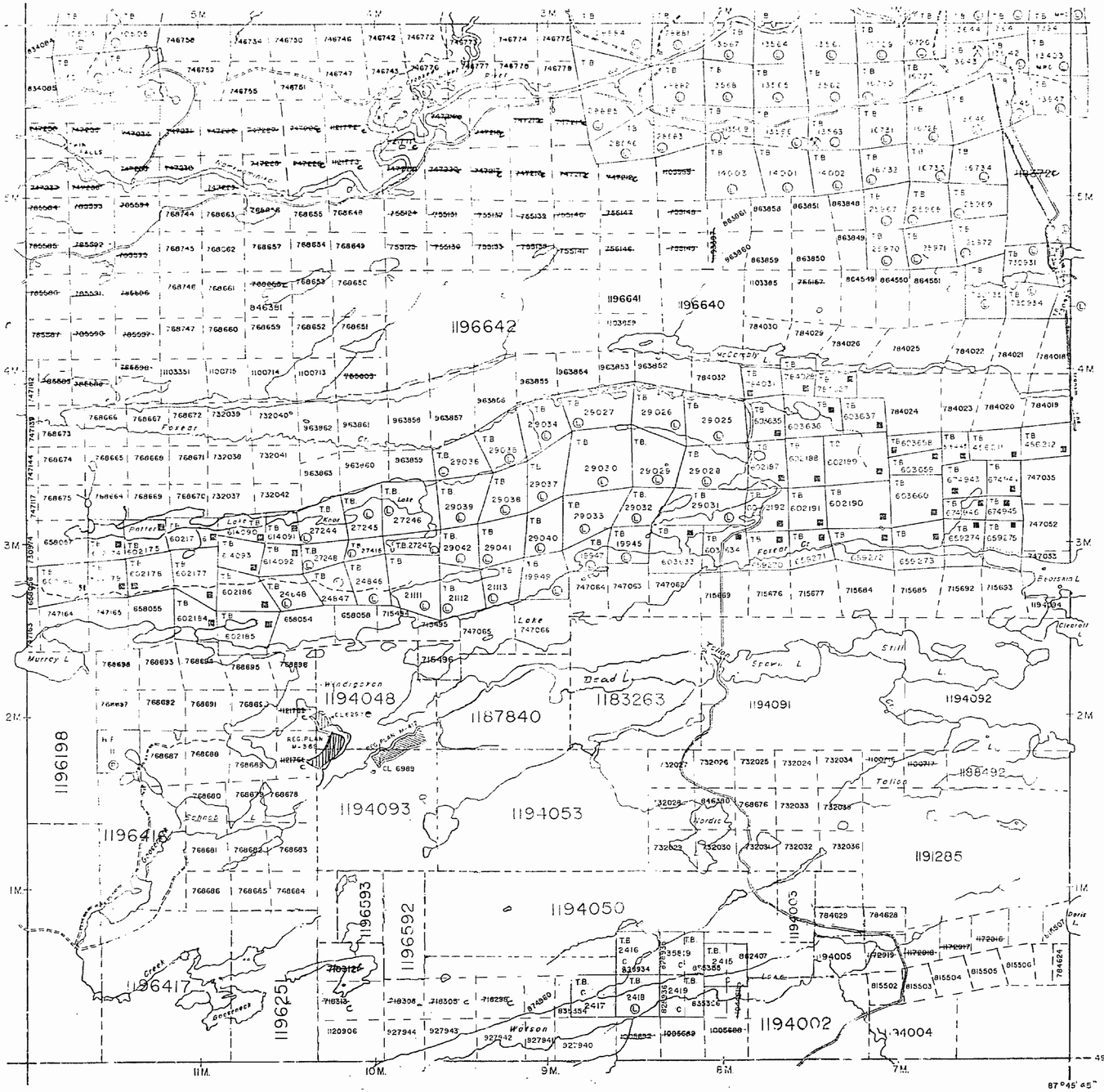
ORDER NO. DATE DISPOSITION FILE

PIPHER TWP. - G-141

SANDRA TWP. - G-167

WALTERS TWP. - G-171

McCOMBER TWP. - G-166



TOWNSHIP

IRWIN

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON

LEGEND

PATENTED LAND
PATENTED FOR SURFACE RIGHTS ONLY
LEASE
LICENSE OF OCCUPATION
CROWN LAND SALE
LOCATED LAND Loc.
CANCELLED
MINING RIGHTS ONLY
SURFACE RIGHTS ONLY
HIGHWAYS & ROUTE NO.
ROADS
TRAILS
RAILWAYS
POWER LINES
MARSH OR MUSKEG
MINES

*Lines only with Summer Resort Locations or Vice Versa Limited

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000
METRES 0 200 1000 2000 (1 KM) (2 KM)

Ministry of Natural Resources — Land Management Branch

Ontario

Date: March 3, 1992

FEBRUARY 6th, 1981

Number: G-164

93 001 15 GD 11 150

1760

IRWIN

NIPIGON PROVINCIAL FOREST

PORT ARTHUR MINING DIVISION

DISTRICT OF THUNDER BAY

Scale:—40 Chains = 1 Inch

North Adj.

PIFHER

SANDRA

WATERS

Vanewaninukin

Kinoje L.

Patter L.

Lake

Bearskin Lake

Ndigokau

Dead Lake

Spawn L.

Still Lake

Tallon Lake

McCumbly Lake

Schnab Lake

Goosneck L.

Watson

Lake

400 Reserve to the Dept. of L. & F. shown thus:

McCOMBER

1959

m1760

1760

IRWIN TWP.

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

M.R.O. - MINING RIGHTS ONLY
S.R.O. - SURFACE RIGHTS ONLY
M.+S. - MINING AND SURFACE RIGHTS

PIFHER TWP. - G-141

SANDRA TWP. - G-167

WALTERS TWP. - G-171

McCOMBER TWP. - G-166

1232291 1232290 1232097 1232096 1215671 1208600 1208598 1204985 1196642 1196652 1196640 1208597 1103385 1196641 1103859 1208599 1232621 1232272 1196498 1194380 1217189 1196737 1194438 1208795 1198492 1217190 1191285 1194050 1196593 1196592 1196594 1208594 1208794 1194005 1208596 1231663 1194002 1194004 1208595 1205035 1120906 1196964 1196965 1205039 1205040 Windigokan

NOTICE-
The information that appears on this map has been compiled from various sources and accuracy is not guaranteed. Those wishing to stake MINING CLAIMS should consult with the MINING RECORDER, Ministry of Northern Development and Mines, for additional information on the status of the lands shown hereon.

TOWNSHIP

IRWIN

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

LEGEND

PATENTED LAND	P or
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE	or L
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	17
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

*used only with summer resort locations or when space is limited

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000
METRES 0 200 1000 (1 KM) 2000 (2 KM)

Ontario Ministry of Natural Resources — Land Management Branch

Date FEBRUARY 6th, 1981

Number **G-164**

In Service Jan. 12/96 (LA)

PIFHER TWP. - G-141

SANDRA TWP. - G-167

WALTERS TWP. - G-171

McCOMBER TWP. - G-166

TOWNSHIP

IRWIN

M.N.R ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION & GERALDTON

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

RECEIVED
THUNDER BAY
MINING DIVISION
'89 APR 18 AM 10 28

LEGEND

PATENTED LAND	(P) or
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE	(L)
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	(17)
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

*used only with summer resort locations or when space is limited

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 (1 KM) 2000 (2 KM)

Ministry of Natural Resources — Land Management Branch

Ontario

Nov. 1, 1985

Date FEBRUARY 6th, 1981

Number **G-164**

ERENCES

HDRAWN FROM DISPOSITION

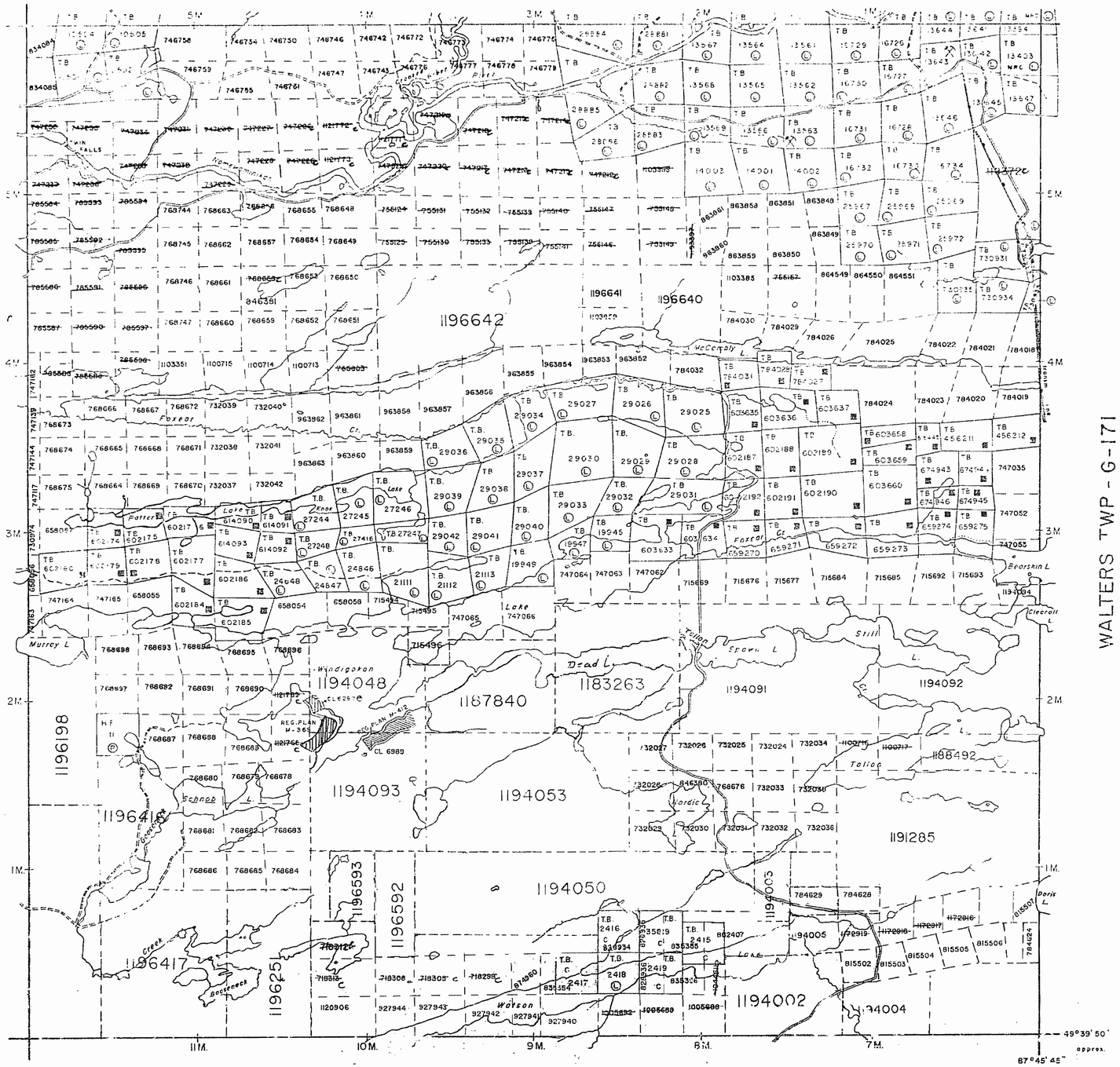
ACE RIGHTS M.R. - MINING RIGHTS

ORDER NO. DATE DISPOSITION FILE

PIFHER TWP. - G-141

SANDRA TWP. - G-167

WALTERS TWP. - G-171



McCOMBER TWP. - G-166

TOWNSHIP

IRWIN

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

LEGEND

- PATENTED LAND
- PATENTED FOR SURFACE RIGHTS ONLY
- LEASE
- LICENSE OF OCCUPATION
- CROWN LAND SALE
- LOCATED LAND
- CANCELLED
- MINING RIGHTS ONLY
- SURFACE RIGHTS ONLY
- HIGHWAY & ROUTE NO.
- ROADS
- TRAILS
- RAILWAYS
- POWER LINES
- MARSH OR MUSKEG
- MINES

*used only with summer resort locations or when space is limited

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000

METRES 0 200 1000 (1 KM) 2000 (2 KM)

Ontario Ministry of Natural Resources — Land Management Branch

March 3, 1992

Date FEBRUARY 6th, 1981

Number G-164

'93 OCT 15 AM 11 50

1760

IRWIN

NIPIGON PROVINCIAL FOREST

PORT ARTHUR MINING DIVISION

DISTRICT OF THUNDER BAY

Scale:—40 Chains = 1 Inch

North Ast.

PIFHER

SANDRA

WALTERS

Namewamintikin River

McCambly Lake

Knox Lake

Patterl

Windigokan Lake

Dead Lake

Spawn Lake

Still Lake

Tallon Lake

Bearskin Lake

Schnell Lake

Goosneck L.

Watson Lake

Wagon Road to Sturgeon River Gold Mine

400' Reserve to the Dept. of L. & F. shown thus:

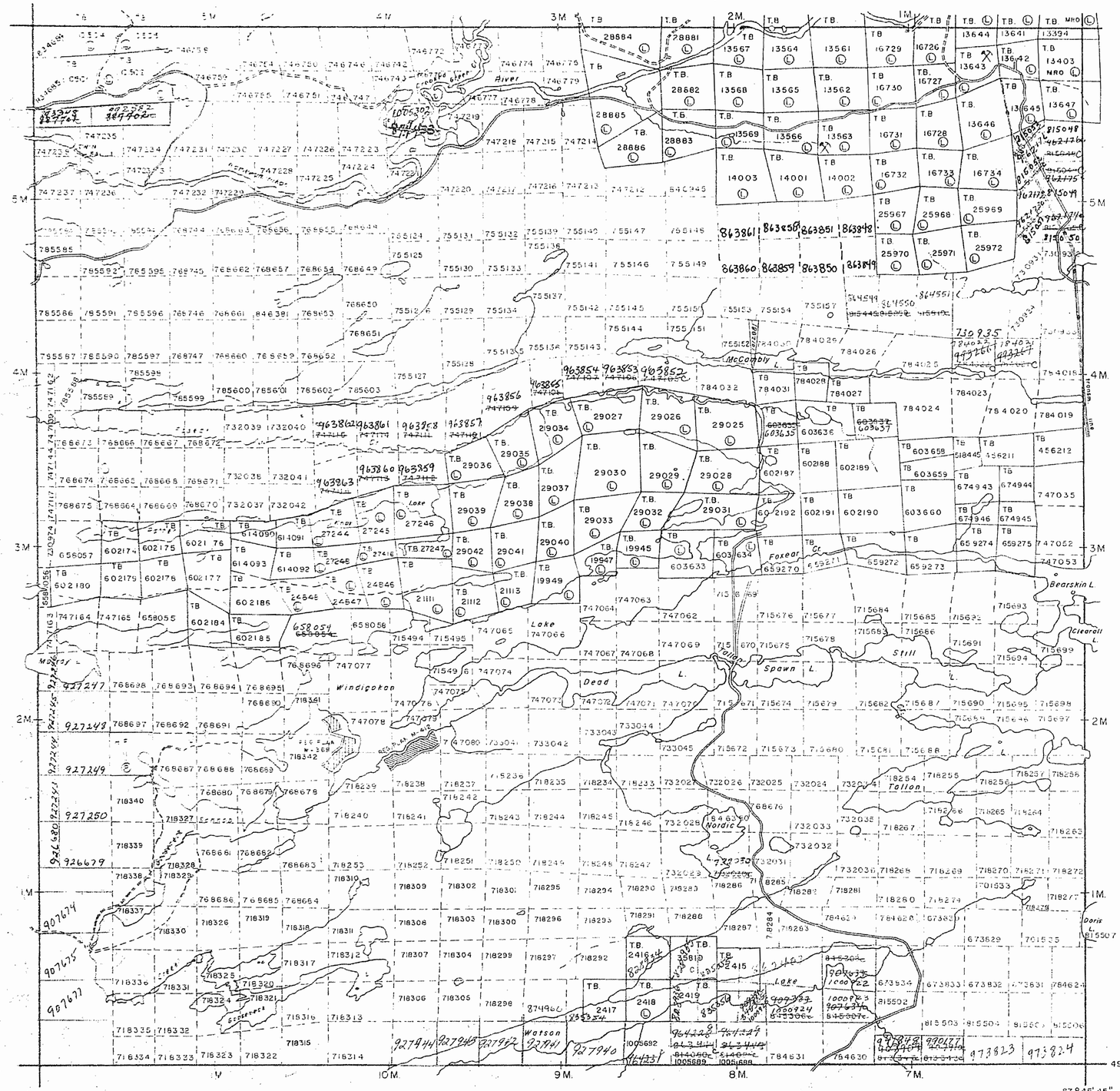
McCOMBER

1953

1760

IRWIN Twp. T.B.137

PIFHER TWP. - G-141



McCOMBER TWP. - G-166

SANDRA TWP. - G-167

WALTERS TWP. - G-171

TOWNSHIP

IRWIN

M.N.R ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION ~~GERALDTON~~

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

RECEIVED
THUNDER BAY
MINING DIVISION
88 MAY 25 PM 4 45

RECEIVED
THUNDER BAY
MINING DIVISION
88 MAY 25 PM 4 45

LEGEND

PATENTED LAND	(P) or (P)*
PATENTED FOR SURFACE RIGHTS ONLY	(S)*
LEASE	(L)
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	17
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

*used only with summer resort locations or when space is limited

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 (1 KM) 2000 (2 KM)

Ministry of Natural Resources — Land Management Branch

Ontario

NOV 1 1985

Date FEBRUARY 6th, 1981

Number **G-164**

1760

M.1760

IRWIN

NIPIGON PROVINCIAL FOREST

THUNDER BAY MINING DIVISION

DISTRICT OF THUNDER BAY

Scale — 40 Chains = 1 Inch

North Ast.

PIFHER

SANDRA

WALTERS

Twinfalls

Nunewaminikin

Patterl

Knox L.

Windigokan Dead Lake

Schnab Lake

Goosneck L.

Wagon Road to Sturgeon River Gold Mine

McCambly Lake

Bearskin Lake

Still Lake

Tallon Lake

Spawn L.

Lake

River

5M.

4M.

3M.

2M.

1M.

6M.

7M.

T.B. 10504 | T.B. 10505 | T.B. 10501 | T.B. 10502

305156 | 305155 | 305147 | 305146 | 287777 | 287776 | 287767

T.B. 28884 | 28881 | 28885 | 28882 | 28886 | 28883

T.B. 13567 | 13564 | 13561 | 16729 | 16726 | 13644 | 13641 | 13394 | 13642 | 13403 | 13643 | 13647 | 13645 | 13646 | 13567 | 13566 | 13563 | 16731 | 16728 | 13675 | 3674 | 13678

T.B. 13568 | 13565 | 13562 | 16730 | 16727

T.B. 14003 | 14001 | 14002 | 16732 | 16733 | 16734 | 25967 | 25968 | 25969 | 25970 | 25971 | 25972

302072 | 302071 | 302068 | 302073 | 302070 | 302069

T.B. 15001 | 302109 | T.B. 15000 | 302111 | 4999 | T.B. 4998

T.B. 29034 | 29035 | 29036 | 29027 | 29026 | 29025 | 29030 | 29029 | 29028 | 29037 | 29038 | 29039 | 29040 | 29041 | 29042 | 29033 | 29032 | 29031

T.B. 13769 | 13766 | 27244 | 27245 | 27246 | 13770 | 13767 | 27248 | 27416 | 27247 | 24818 | 24817 | 24846 | 21111 | 21112 | 21113 | 19945 | 19947 | 19948

T.B. 15240 | 15239 | 15238 | 15241 | 15242 | 15243

301996 | 301973 | 301974 | 301977 | 301978 | 301997 | 301972 | 301975 | 301976 | 301979 | 301980 | 301992 | 301994 | 301993 | 301985

HF.13 | HF.12 | HF.18 | HF.19 | HF.22 | HF.24 | HF.25 | HF.27 | HF.28 | HF.30 | HF.31 | HF.14 | HF.11 | HF.10 | HF.15 | T.B. 15980 | HF.20 | HF.23 | HF.26 | HF.29

T.B. 15503 | 15497 | 15492 | 15490 | 15486 | 15485 | 15484 | 15504 | 15499 | 15498 | 15491 | 15489 | 15488 | 15487 | 15505 | 15261 | 15259 | 15502 | 15500 | 15501 | 15250 | 15262 | 15263 | 15254

T.B. 3071 | 3073 | 3072 | 3074 | 3066 | 3067 | 3110 | 3109 | 3108 | 2416 | 35819 | 2415 | 2414 | 2413 | 2417 | 2418 | 2419 | 21028 | 21027 | 21025 | 21026 | 21023 | 21024 | 21029 | 21019 | 21016 | 21015

HF.35

M.1760

PIFHER TWP. - G-141

SANDRA TWP. - G-167

WALTERS TWP. - G-171

McCOMBER TWP. - G-166

TOWNSHIP

IRWIN

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION & GERALDTON

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

RECEIVED
THUNDER BAY
MINING LANDS SECTION
'88 JUN 27 AM 9 05

LEGEND

PATENTED LAND	(P) or
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE	(L)
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	17
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

*used only with summer resort locations or when space is limited

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 (1 KM) 2000 (2 KM)

Ministry of Natural Resources — Land Management Branch

Ontario

Date FEBRUARY 6th, 1981

Number **G-164**

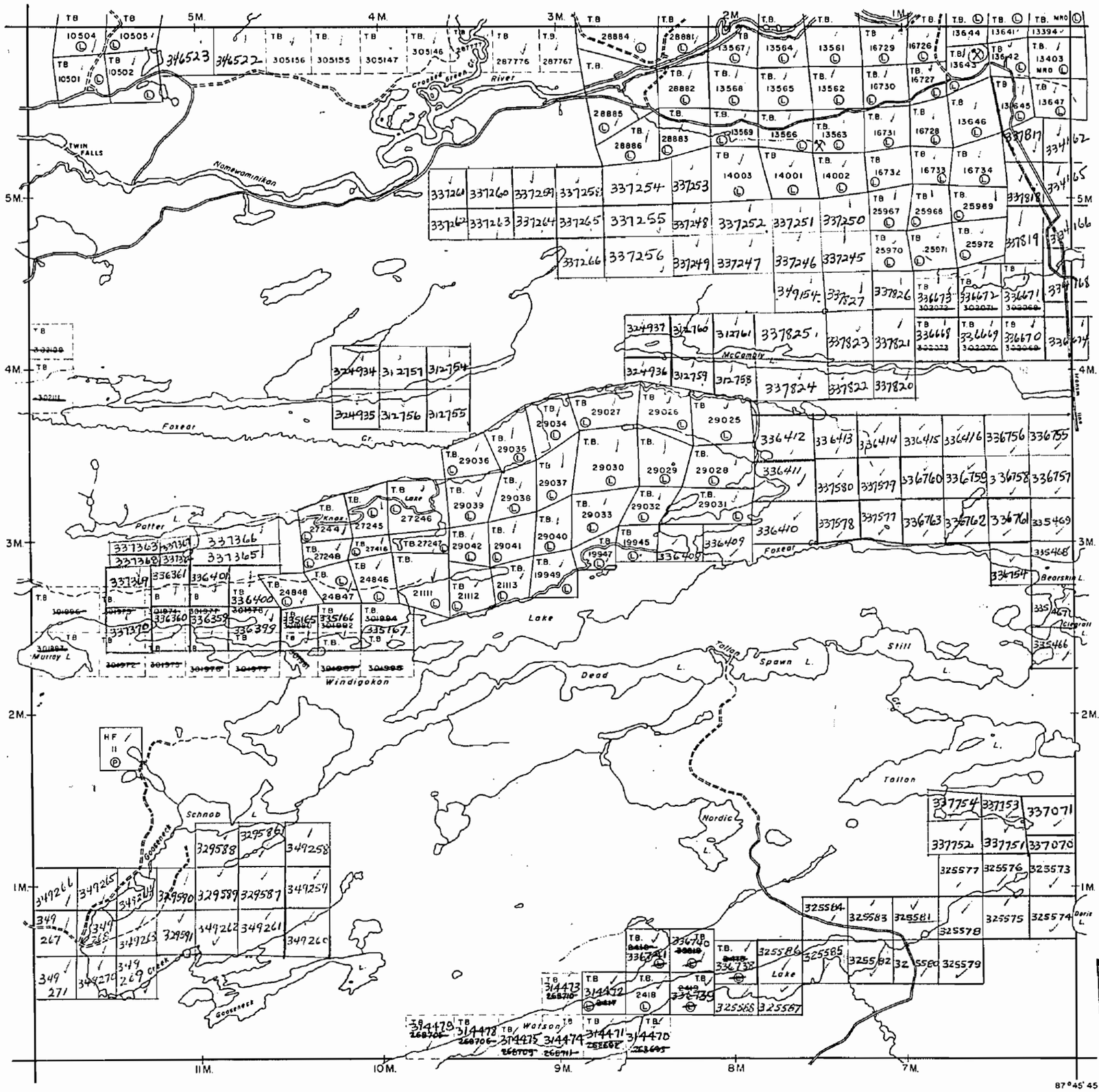
Nov 1, 1985

1760

PIFHER TWP. - M.1863

SANDRA TWP. - M.1880

WALTERS TWP. - M.1917


5M.
4M.
3M.
2M.
1M.
11M.
10M.
9M.
8M.
7M.
Crooked Green Cr.
River
Twin Falls
Namewaminikan
McCamby L.
Foxeat Cr.
Potter L.
Knox L.
Lake
Windigokan
Murray L.
Dead L.
Tallon
Spawn L.
Still L.
Bearskin L.
Schnob L.
Goosenech
Nordic L.
Tallon L.
Lake
Watson
Foxeat
346523
346522
337254
337253
337255
337256
337825
337824
337823
337822
337821
337820
336411
336412
336413
336414
336415
336416
336409
336410
337578
337577
336763
336762
336761
335469
335468
335466
337754
337753
337071
337752
337751
337070
325577
325576
325573
325574
325575
325578
325579
325580
325581
325583
325584
325585
325586
325587
325588
325589
325590
325591
349258
349259
349260
349261
349262
349263
349264
349265
349266
349267
349268
349269
349270
349271
324934
324935
324936
324937
312754
312755
312756
312757
312758
312759
312760
312761
337363
337364
337365
337366
337367
337368
336361
336400
336359
336399
335165
335166
335167
335169
335170
335171
335172
335173
335174
335175
335176
335177
335178
335179
335180
335181
335182
335183
335184
335185
335186
335187
335188
335189
335190
335191
335192
335193
335194
335195
335196
335197
335198
335199
335200
335201
335202
335203
335204
335205
335206
335207
335208
335209
335210
335211
335212
335213
335214
335215
335216
335217
335218
335219
335220
335221
335222
335223
335224
335225
335226
335227
335228
335229
335230
335231
335232
335233
335234
335235
335236
335237
335238
335239
335240
335241
335242
335243
335244
335245
335246
335247
335248
335249
335250
335251
335252
335253
335254
335255
335256
335257
335258
335259
335260
335261
335262
335263
335264
335265
335266
335267
335268
335269
335270
335271
335272
335273
335274
335275
335276
335277
335278
335279
335280
335281
335282
335283
335284
335285
335286
335287
335288
335289
335290
335291
335292
335293
335294
335295
335296
335297
335298
335299
335300
335301
335302
335303
335304
335305
335306
335307
335308
335309
335310
335311
335312
335313
335314
335315
335316
335317
335318
335319
335320
335321
335322
335323
335324
335325
335326
335327
335328
335329
335330
335331
335332
335333
335334
335335
335336
335337
335338
335339
335340
335341
335342
335343
335344
335345
335346
335347
335348
335349
335350
335351
335352
335353
335354
335355
335356
335357
335358
335359
335360
335361
335362
335363
335364
335365
335366
335367
335368
335369
335370
335371
335372
335373
335374
335375
335376
335377
335378
335379
335380
335381
335382
335383
335384
335385
335386
335387
335388
335389
335390
335391
335392
335393
335394
335395
335396
335397
335398
335399
335400
335401
335402
335403
335404
335405
335406
335407
335408
335409
335410
335411
335412
335413
335414
335415
335416
335417
335418
335419
335420
335421
335422
335423
335424
335425
335426
335427
335428
335429
335430
335431
335432
335433
335434
335435
335436
335437
335438
335439
335440
335441
335442
335443
335444
335445
335446
335447
335448
335449
335450
335451
335452
335453
335454
335455
335456
335457
335458
335459
335460
335461
335462
335463
335464
335465
335466
335467
335468
335469
335470
335471
335472
335473
335474
335475
335476
335477
335478
335479
335480
335481
335482
335483
335484
335485
335486
335487
335488
335489
335490
335491
335492
335493
335494
335495
335496
335497
335498
335499
335500
335501
335502
335503
335504
335505
335506
335507
335508
335509
335510
335511
335512
335513
335514
335515
335516
335517
335518
335519
335520
335521
335522
335523
335524
335525
335526
335527
335528
335529
335530
335531
335532
335533
335534
335535
335536
335537
335538
335539
335540
335541
335542
335543
335544
335545
335546
335547
335548
335549
335550
335551
335552
335553
335554
335555
335556
335557
335558
335559
335560
335561
335562
335563
335564
335565
335566
335567
335568
335569
335570
335571
335572
335573
335574
335575
335576
335577
335578
335579
335580
335581
335582
335583
335584
335585
335586
335587
335588
335589
335590
335591
335592
335593
335594
335595
335596
335597
335598
335599
335600
335601
335602
335603
335604
335605
335606
335607
335608
335609
335610
335611
335612
335613
335614
335615
335616
335617
335618
335619
335620
335621
335622
335623
335624
335625
335626
335627
335628
335629
335630
335631
335632
335633
335634
335635
335636
335637
335638
335639
335640
335641
335642
335643
335644
335645
335646
335647
335648
335649
335650
335651
335652
335653
335654
335655
335656
335657
335658
335659
335660
335661
335662
335663
335664
335665
335666
335667
335668
335669
335670
335671
335672
335673
335674
335675
335676
335677
335678
335679
335680
335681
335682
335683
335684
335685
335686
335687
335688
335689
335690
335691
335692
335693
335694
335695
335696
335697
335698
335699
335700
335701
335702
335703
335704
335705
335706
335707
335708
335709
335710
335711
335712
335713
335714
335715
335716
335717
335718
335719
335720
335721
335722
335723
335724
335725
335726
335727
335728
335729
335730
335731
335732
335733
335734
335735
335736
335737
335738
335739
335740
335741
335742
335743
335744
335745
335746
335747
335748
335749
335750
335751
335752
335753
335754
335755
335756
335757
335758
335759
335760
335761
335762
335763
335764
335765
335766
335767
335768
335769
335770
335771
335772
335773
335774
335775
335776
335777
335778
335779
335780
335781
335782
335783
335784
335785
335786
335787
335788
335789
335790
335791
335792
335793
335794
335795
335796
335797
335798
335799
335800
335801
335802
335803
335804
335805
335806
335807
335808
335809
335810
335811
335812
335813
335814
335815
335816
335817
335818
335819
335820
335821
335822
335823
335824
335825
335826
335827
335828
335829
335830
335831
335832
335833
335834
335835
335836
335837
335838
335839
335840
335841
335842
335843
335844
335845
335846
335847
335848
335849
335850
335851
335852
335853
335854
335855
335856
335857
335858
335859
335860
335861
335862
335863
335864
335865
335866
335867
335868
335869
335870
335871
335872
335873
335874
335875
335876
335877
335878
335879
335880
335881
335882
335883
335884
335885
335886
335887
335888
335889
335890
335891
335892
335893
335894
335895
335896
335897
335898
335899
335900
335901
335902
335903
335904
335905
335906
335907
335908
335909
335910
335911
335912
335913
335914
335915
335916
335917
335918
335919
335920
335921
335922
335923
335924
335925
335926
335927
335928
335929
335930
335931
335932
335933
335934
335935
335936
335937
335938
335939
335940
335941
335942
335943
335944
335945
335946
335947
335948
335949
335950
335951
335952
335953
335954
335955
335956
335957
335958
335959
335960
335961
335962
335963
335964
335965
335966
335967
335968
335969
335970
335971
335972
335973
335974
335975
335976
335977
335978
335979
335980
335981
335982
335983
335984
335985
335986
335987
335988
335989
335990
335991
335992
335993
335994
335995
335996
335997
335998
335999
336000
336001
336002
336003
336004
336005
336006
336007
336008
336009
336010
336011
336012
336013
336014
336015
336016
336017
336018
336019
336020
336021
336022
336023
336024
336025
336026
336027
336028
336029
336030
336031
336032
336033
336034
336035
336036
336037
336038
336039
336040
336041
336042
336043
336044
336045
336046
336047
336048
336049
336050
336051
336052
336053
336054
336055
336056
336057
336058
336059
336060
336061
336062
336063
336064
336065
336066
336067
336068
336069
336070
336071
336072
336073
336074
336075
336076
336077
336078
336079
336080
336081
336082
336083
336084
336085
336086
336087
336088
336089
336090
336091
336092
336093
336094
336095
336096
336097
336098
336099
336100
336101
336102
336103
336104
336105
336106
336107
336108
336109
336110
336111
336112
336113
336114
336115
336116
336117
336118
336119
336120
336121
336122
336123
336124
336125
336126
336127
336128
336129
336130
336131
336132
336133
336134
336135
336136
336137
336138
336139
336140
336141
336142
336143
336144
336145
336146
336147
336148
336149
336150
336151
336152
336153
336154
336155
336156
336157
336158
336159
336160
336161
336162
336163
336164
336165
336166
336167
336168
336169
336170
336171
336172
336173
336174
336175
336176
336177
336178
336179
336180
336181
336182
336183
336184
336185
336186
336187
336188
336189
336190
336191
336192
336193
336194
336195
336196
336197
336198
336199
336200
336201
336202
336203
336204
336205
336206
336207
336208
336209
336210
336211
336212
336213
336214
336215
336216
336217
336218
336219
336220
336221
336222
336223
336224
336225
336226
336227
336228
336229
336230
336231
336232
336233
336234
336235
336236
336237
336238
336239
336240
336241
336242
336243
336244
336245
336246
336247
336248
336249
336250
336251
336252
336253
336254
336255
336256
336257
336258
336259
336260
336261
336262
336263
336264
336265
336266
336267
336268
336269
336270
336271
336272
336273
336274
336275
336276
336277
336278
336279
336280
336281
336282
336283
336284
336285
336286
336287
336288
336289
336290
336291
336292
336293
336294
336295
336296
336297
336298
336299
336300
336301
336302
336303
336304
336305
336306
336307
336308
336309
336310
336311
336312
336313
336314
336315
336316
336317
336318
336319
336320
336321
336322
336323
336324
336325
336326
336327
336328
336329
336330
336331
336332
336333
336334
336335
336336
336337
336338
336339
336340
336341
336342
336343
336344
336345
336346
336347
336348
336349
336350
336351
336352
336353
336354
336355
336356
336357
336358
336359
336360
336361
336362
336363
336364
336365
336366
336367
336368
336369
336370
336371
336372
336373
336374
336375
336376
336377
336378
336379
336380
336381
336382
336383
336384
336385
336386
336387
336388
336389
336390
336391
336392
336393
336394
336395
336396
336397
336398
336399
336400
336401
336402
336403
336404
336405
336406
336407
336408
336409
336410
336411
336412
336413
336414
336415
336416
336417
336418
336419
336420
336421
336422
336423
336424
336425
336426
336427
336428
336429
336430
336431
336432
336433
336434
336435
336436
336437
336438
336439
336440
336441
336442
336443
336444
336445
336446
336447
336448
336449
336450
336451
336452
336453
336454
336455
336456
336457
336458
336459
336460
336461
336462
336463
336464
336465
336466
336467
336468
336469
336470
336471
336472
336473
336474
336475
336476
336477
336478
336479
336480
336481
336482
336483
336484
336485
336486
336487
336488
336489
336490
336491
336492
336493
336494
336495
336496
336497
336498
336499
336500
336501
336502
336503
336504
336505
336506
336507
336508
336509
336510
336511
336512
336513
336514
336515
336516
336517
336518
336519
336520
336521
336522
336523
336524
336525
336526
336527
336528
336529
336530
336531
336532
336533
336534
336535
336536
336537
336538
336539
336540
336541
336542
336543
336544
336545
336546
336547
336548
336549
336550
336551
336552
336553
336554
336555
336556
336557
336558
336559
336560
336561
336562
336563
336564
336565
336566
336567
336568
336569
336570
336571
336572
336573
336574
336575
336576
336577
336578
336579
336580
336581
336582
336583
336584
336585
336586
336587
336588
336589
336590
336591
336592
336593
336594
336595
336596
336597
336598
336599
336600
336601
336602
336603
336604
336605
336606
336607
336608
336609
336610
336611
336612
336613
336614
336615
336616
336617
336618
336619
336620
336621
336622
336623
336624
336625
336626
336627
336628
336629
336630
336631
336632
336633
336634
336635
336636
336637
336638
336639
336640
336641
336642
336643
336644
336645
336646
336647
336648
336649
336650
336651
336652
336653
336654
336655
336656
336657
336658
336659
336660
336661
336662
336663
336664
336665
336666
336667
336668
336669
336670
336671
336672
336673
336674
336675
336676
336677
336678
336679
336680
336681
336682
336683
336684
336685
336686
336687
336688
336689
336690
336691
336692
336693
336694
336695
336696
336697
336698
336699
336700
336701
336702
336703
336704
336705
336706
336707
336708
336709
336710
336711
336712
336713
336714
336715
336716
336717
336718
336719
336720
336721
336722
336723
336724
336725
336726
336727
336728
336729
336730
336731
336732
336733
336734
336735
336736
336737
336738
336739
336740
336741
336742
336743
336744
336745
336746
336747
336748
336749
336750
336751
336752
336753
336754
336755
336756
336757
336758
336759
336760
336761
336762
336763
336764
336765
336766
336767
336768
336769
336770
336771
336772
336773
336774
336775
336776
336777
336778
336779
336780
336781
336782
336783
336784
336785
336786
336787
336788
336789
336790
336791
336792
336793
336794
336795
336796
336797
336798
336799
336800
336801
336802
336803
336804
336805
336806
336807
336808
336809
336810
336811
336812
336813
336814
336815
336816
336817
336818
336819
336820
336821
336822
336823
336824
336825
336826
336827
336828
336829
336830
336831
336832
336833
336834
336835
336836
336837
336838
336839
336840
336841
336842
336843
336844
336845
336846
336847
336848
336849
336850
336851
336852
336853
336854
336855
336856
336857
336858
336859
336860
336861
336862
336863
336864
336865
336866
336867
336868
336869
336870
336871
336872
336873
336874
336875
336876
336877
336878
336879
336880
336881
336882
336883
336884
336885
336886
336887
336888
336889
336890
336891
336892
336893
336894
336895
336896
336897
336898
336899
336900
336901
336902
336903
336904
336905
336906
336907
336908
336909
336910
336911
336912
336913
336914
336915
336916
336917
336918
336919
336920
336921
336922
336923
336924
336925
336926
336927
336928
336929
336930
336931
336932
336933
336934
336935
336936
336937
336938
336939
336940
336941
336942
336943
336944
336945
336946
336947
336948
336949
336950
336951
336952
336953
336954
336955
336956
336957
336958
336959
336960
336961
336962
336963
336964
336965
336966
336967
336968
336969
336970
336971
336972
336973
336974
336975
336976
336977
336978
336979
336980
336981
336982
336983
336984
336985
336986
336987
336988
336989
336990
336991
336992
336993
336994
336995
336996
336997
336998
336999
337000
337001
337002
337003
337004
337005
337006
337007
337008
337009
337010
337011
337012
337013
337014
337015
337016
337017
337018
337019
337020
337021
337022
337023
337024
337025
337026
337027
337028
337029
337030
337031
337032
337033
337034
337035
337036
337037
337038
337039
337040
337041
337042
337043
337044
337045
337046
337047
337048
337049
337050
337051
337052
337053
337054
337055
337056
337057
337058
337059
337060
337061
337062
337063
337064
337065
337066
337067
337068
337069
337070
337071
337072
337073
337074
337075
337076
337077
337078
337079
337080
337081
337082
337083
337084
337085
337086
337087
337088
337089
337090
337091
337092
337093
337094
337095
337096
337097
337098
337099
337100
337101
337102
337103
337104
337105
337106
337107
337108
337109
337110
337111
337112
337113
337114
337115
337116
337117
337118
337119
337120
337121
337122
337123
337124
337125
337126
337127
337128
337129
337130
337131
337132
337133
337134
337135
337136
337137
337138
337139
337140
337141
337142
337143
337144
337145
337146
337147
337148
337149
337150
337151
337152
337153
337154
337155
337156
337157
337158
337159
337160
337161
337162
337163
337164
337165
337166
337167
337168
337169
337170
337171
337172
337173
337174
337175
337176
337177
337178
337179
337180
337181
337182
337183
337184
337185
337186
337187
337188
337189
337190
337191
337192
337193
337194
337195
337196
337197
337198
337199
337200
337201
337202
337203
337204
337205
337206
337207
337208
337209
337210
337211
337212
337213
337214
337215
337216
337217
337218
337219
337220
337221
337222
337223
337224
337225
337226
337227
337228
337229
337230
337231
337232
337233
337234
337235
337236
337237
337238
337239
337240
337241
337242
337243
337244
337245
337246
337247
337248
337249
337250
337251
337252
337253
337254
337255
337256
337257
337258
337259
337260
337261
337262
337263
337264
337265
337266
337267
337268
337269
337270
337271
337272
337273
337274
337275
337276
337277
337278
337279
337280
337281
337282
337283
337284
337285
337286
337287
337288
337289
337290
337291
337292
337293
337294
337295
337296
337297
337298
337299
337300
337301
337302
337303
337304
337305
337306
337307
337308
337309
337310
337311
337312
337313
337314
337315
337316
337317
337318
337319
337320
337321
337322
337323
337324
337325
337326
337327
337328
337329
337330
337331
337332
337333
337334
337335
337336
337337
337338
337339
337340
337341
337342
337343
337344
337345
337346
337347
337348
337349
337350
337351
337352
337353
337354
337355
337356
337357
337358
337359
337360
337361
337362
337363
337364
337365
337366
337367
337368
337369
337370
337371
337372
337373
337374
337375
337376
337377
337378
337379
337380
337381
337382
337383
337384
337385
337386
337387
337388
337389
337390
337391
337392
337393
337394
337395
337396
337397
337398
337399
337400
337401
337402
337403
337404
337405
337406
337407
337408
337409
337410
337411
337412
337413
337414
337415
337416
337417
337418
337419
337420
337421
337422
337423
337424
337425
337426
337427
337428
337429
337430
337431
337432
337433
337434
337435
337436
337437
337438
337439
337440
337441
337442
337443
337444
337445
337446
337447
337448
337449
337450
337451
337452
337453
337454
337455
337456
337457
337458
337459
337460
337461
337462
337463
337464
337465
337466
337467
337468
337469
337470
337471
337472
337473
337474
337475
337476
337477
337478
337479
337480
337481
337482
337483
337484
337485
337486
337487
337488
337489
337490
337491
337492
337493
337494
337495
337496
337497
337498
337499
337500
337501
337502
337503
337504
337505
337506
337507
337508
337509
337510
337511
337512
337513
337514
337515
337516
337517
337518
337519
337520
337521
337522
337523
337524
337525
337526
337527
337528
337529
337530
337531
337532
337533
337534
337535
337536
337537
337538
337539
337540
337541
337542
337543
337544
337545
337546
337547
337548
337549
337550
337551
337552
337553
337554
337555
337556
337557
337558
337559
337560
337561
337562
337563
337564
337565
337566
337567
337568
337569
337570
337571
337572
337573
337574
337575
337576
337577
337578
337579
337580
337581
337582
337583
337584
337585
337586
337587
337588
337589
337590
337591
337592
337593
337594
337595
337596
337597
337598
337599
337600
337601
337602
337603
337604
337605
337606
337607
337608
337609
337610
337611
337612
337613
337614
337615
337616
337617
337618
337619
337620
337621
337622
337623
337624
337625
337626
337627
337628
337629
337630
337631
337632
337633
337634
337635
337636
337637
337638
337639
337640
337641
337642
337643
337644
337645
337646
337647
337648
337649
337650
337651
337652
337653
337654
337655
337656
337657
337658
337659
337660
337661
337662
337663
337664
337665
337666
337667
337668
337669
337670
337671
337672
337673
337674
337675
337676
337677
337678
337679
337680
337681
337682
337683
337684
337685
337686
337687
337688
337689
337690
337691
337692
337693
337694
337695
337696
337697
337698
337699
337700
337701
337702
337703
337704
337705
337706
337707
337708
337709
337710
337711
337712
337713
337714
337715
337716
337717
337718
337719
337720
337721
337722
337723
337724
337725
337726
337727
337728
337729
337730
337731
337732
337733
337734
337735
337736
337737
337738
337739
337740
337741
337742
337743
337744
337745
337746
337747
337748
337749
337750
337751
337752
337753
337754
337755
337756
337757
337758
337759
337760
337761
337762
337763
337764
337765
337766
337767
337768
337769
337770
337771
337772
337773
337774
337775
337776
337777
337778
337779
337780
337781
337782
337783
337784
337785
337786
337787
337788
337789
337790
337791
337792
337793
337794
337795
337796
337797
337798
337799
337800
337801
337802
337803
337804
337805
337806
337807
337808
337809
337810
337811
337812
337813
337814
337815
337816
337817
337818
337819
337820
337821
337822
337823
337824
337825
337826
337827
337828
337829
337830
337831
337832
337833
337834
337835
337836
337837
337838
337839
337840
337841
337842
337843
337844
337845
337846
337847
337848
337849
337850
337851
337852
337853
337854
337855
337856
337857
337858
337859
337860
337861
337862
337863
337864
337865
337866
337867
337868
337869
337870
337871
337872
337873
337874
337875
337876
337877
337878
337879
337880
337881
337882
337883
337884
337885
337886
337887
337888
337889
337890
337891
337892
337893
337894
337895
337896
337897
337898
337899
337900
337901
337902
337903
337904
337905
337906
337907
337908
337909
337910
337911
337912
337913
337914
337915
337916
337917
337918
337919
337920
337921
337922
337923
337924
337925
337926
337927
337928
337929
337930
337931
337932
337933
337934
337935
337936
337937
337938
337939
337940
337941
337942
337943
337944
337945
337946
337947
337948
337949
337950
337951
337952
337953
337954
337955
337956
337957
337958
337959
337960
337961
337962
337963
337964
337965
337966
337967
337968
337969
337970
337971
337972
337973
337974
337975
337976
337977
337978
337979
337980
337981
337982
337983
337984
337985
337986
337987
337988
337989
337990
337991
337992
337993
337994
337995
337996
337997
337998
337999
338000
338001
338002
338003
338004
338005
338006
338007
338008
338009
338010
338011
338012
338013
338014
338015
338016
338017
338018
338019
338020
338021
338022
338023
338024
338025
338026
338027
338028
338029
338030
338031
338032
338033
338034
338035
338036
338037
338038
338039
338040
338041
338042
338043
338044
338045
338046
338047
338048
338049
338050
338051
338052
338053
338054
338055
338056
338057
338058
338059
338060
338061
338062
338063
338064
338065
338066
338067
338068
338069
338070
338071
338072
338073
338074
338075
338076
338077
338078
338079
338080
338081
338082
338083
338084
338085
338086
338087
338088
338089
338090
338091
338092
338093
338094
338095
338096
338097
338098
338099
338100
338101
338102
338103
338104
338105
338106
338107
338108
338109
338110
338111
338112
338113
338114
338115
338116
338117
338118
338119
338120
338121
338122
338123
338124
338125
338126
338127
338128
338129
338130
338131
338132
338133
338134
338135
338136
338137
338138
338139
338140
338141
338142
338143
338144
338145
338146
338147
338148
338149
338150
338151
338152
338153
338154
338155
338156
338157
338158
338159
338160
338161
338162
338163
338164
338165
338166
338167
338168
338169
338170
338171
338172
338173
338174
338175
338176
338177
338178
338179
338180
338181
338182
338183
338184
338185
338186
338187
338188
338189
338190
338191
338192
338193
338194
338195
338196
338197
338198
338199
338200
338201
338202
338203
338204
338205
338206
338207
338208
338209
338210
338211
338212
338213
338214
338215
338216
338217
338218
338219
338220
338221
338222
338223
338224
338225
338226
338227
338228
338229
338230
338231
338232
338233
338234
338235
338236
338237
338238
338239
338240
338241
338242
338243
338244
338245
338246
338247
338248
338249
338250
338251
338252
338253
338254
338255
338256
338257
338258
338259
338260
338261
338262
338263
338264
338265
338266
338267
338268
338269
338270
338271
338272
338273
338274
338275
338276
338277
338278
338279
338280
338281
338282
338283
338284
338285
338286
338287
338288
338289
338290
338291
338292
338293
338294
338295
338296
338297
338298
338299
338300
338301
338302
338303
338304
338305
338306
338307
338308
338309
338310
338311
338312
338313
338314
338315
338316
338317
338318
338319
338320
338321
338322
338323
338324
338325
338326
338327
338328
338329
338330
338331
338332
338333
338334
338335
338336
338337
338338
338339
338340
338341
338342
338343
338344
338345
338346
338347
338348
338349
338350
338351
338352
338353
338354
338355
338356
338357
338358
338359
338360
338361
338362
338363
338364
338365
338366
338367
338368
338369
338370
338371
338372
338373
338374
338375
338376
338377
338378
338379
338380
338381
338382
338383
338384
338385
338386
338387
338388
338389
338390
338391
338392
338393
338394
338395
338396
338397
338398
338399
338400
338401
338402
338403
338404
338405
338406
338407
338408
338409
338410
338411
338412
338413
338414
338415
338416
338417
338418
338419
338420
338421
338422
338423
338424
338425
338426
338427
338428
338429
338430
338431
338432
338433
338434
338435
338436
338437
338438
338439
338440
338441
338442
338443
338444
338445
338446
338447
338448
338449
338450
338451
338452
338453
338454
338455
338456
338457
338458
338459
338460
338461
338462
338463
338464
338465
338466
338467
338468
338469
338470
338471
338472
338473
338474
338475
338476
338477
338478
338479
338480
338481
338482
338483
338484
338485
338486
338487
338488
338489
338490
338491
338492
338493
338494
338495
338496
338497
338498
338499
338500
338501
338502
338503
338504
338505
338506
338507
338508
338509
338510
338511
338512
338513
338514
338515
338516
338517
338518
338519
338520
338521
338522
338523
338524
338525
338526
338527
338528
338529
338530
338531
338532
338533
338534
338535
338536
338537
338538
338539
338540
338541
338542
338543
338544
338545
338546
338547
338548
338549
338550
338551
338552
338553
338554
338555
338556
338557
338558
338559
338560
338561
338562
338563
338564
338565
338566
338567
338568
338569
338570
338571
338572
338573
338574
338575
338576
338577
338578
338579
338580
338581
338582
338583
338584
338585
338586
338587
338588
338589
338590
338591
338592
338593
338594
338595
338596
338597
338598
338599
338600
338601
338602
338603
338604
338605
338606
338607
338608
338609
338610
338611
338612
338613
338614
338615
338616
338617
338618
338619
338620
338621
338622
338623
338624
338625
338626
338627
338628
338629
338630
338631
338632
338633
338634
338635
338636
338637
338638
338639
338640
338641
338642
338643
338644
338645
338646
338647
338648
338649
338650
338651
338652
338653
338654
338655
338656
338657
338658
338659
338660
338661
338662
338663
338664
338665
338666
338667
338668
338669
338670
338671
338672
338673
338674
338675
338676
338677
338678
338679
338680
338681
338682
338683
338684
338685
338686
338687
338688
338689
338690
338691
338692
338693
338694
338695
338696
338697
338698
338699
338700
338701
338702
338703
338704
338705
338706
338707
338708
338709
338710
338711
338712
338713
338714
338715
338716
338717
338718
338719
338720
338721
338722
338723
338724
338725
338726
338727
338728
338729
338730
338731
338732
338733
338734
338735
338736
338737
338738
338739
338740
338741
338742
338743
338744
338745
338746
338747
338748
338749
338750
338751
338752
338753
338754
338755
338756
338757
338758
338759
338760
338761
338762
338763
338764
338765
338766
338767
338768
338769
338770
338771
338772
338773
338774
338775
338776
338777
338778
338779
338780
338781
338782
338783
338784
338785
338786
338787
338788
338789
338790
338791
338792
338793
338794
338795
338796
338797
338798
338799
338800
338801
338802
338803
338804
338805
338806
338807
338808
338809
338810
338811
338812
338813
338814
338815
338816
338817
338818
338819
338820
338821
338822
338823
338824
338825
338826
338827
338828
338829
338830
338831
338832
338833
338834
338835
338836
338837
338838
338839
338840
338841
338842
338843
338844
338845
338846
338847
338848
338849
338850
338851
338852
338853
338854
338855
338856
338857
338858
338859
338860
338861
338862
338863
338864
338865
338866
338867
338868
338869
338870
338871
338872
338873
338874
338875
338876
338877
338878
338879
338880
338881
338882
338883
338884
338885
338886
338887
338888
338889
338890
338891
338892
338893
338894
338895
338896
338897
338898
338899
338900
338901
338902
338903
338904
338905
338906
338907
338908
338909
338910
338911
338912
338913
338914
338915
338916
338917
338918
338919
338920
338921
338922
338923
338924
338925
338926
338927
338928
338929
338930
338931
338932
338933
338934
338935
338936
338937
338938
338939
338940
338941
338942
338943
338944
338945
338946
338947
338948
338949
338950
338951
338952
338953
338954
338955
338956
338957
338958
338959
338960
338961
338962
338963
338964
338965
338966
338967
338968
338969
338970
338971
338972
338973
338974
338975
338976
338977
338978
338979
338980
338981
338982
338983
338984
338985
338986
338987
338988
338989
338990
338991
338992
338993
338994
338995
338996
338997
338998
338999
339000
339001
339002
339003
339004
339005
339006
339007
339008
339009
339010
339011
339012
339013
339014
339015
339016
339017
339018
339019
339020
339021
339022
339023
339024
339025
339026
339027
339028
339029
339030
339031
339032
339033
339034
339035
339036
339037
339038
339039
339040
339041
339042
339043
339044
339045
339046
339047
339048
339049
339050
339051
339052
339053
339054
339055
339056
339057
339058
339059
339060
339061
339062
339063
339064
339065
339066
339067
339068
339069
339070
339071
339072
339073
339074
339075
339076
339077
339078
339079
339080
339081
339082
339083
339084
339085
339086
339087
339088
339089
339090
339091
339092
339093
339094
339095
339096
339097
339098
339099
339100
339101
339102
339103
339104
339105
339106
339107
339108
339109
339110
339111
339112
339113
339114
339115
339116
339117
339118
339119
339120
339121
339122
339123
339124
339125
339126
339127
339128
339129
339130
339131
339132
339133
339134
339135
339136
339137
339138
339139
339140
339141
339142
339143
339144
339145
339146
339147
339148
339149
339150
339151
339152
339153
339154
339155
339156
339157
339158
339159
339160
339161
339162
339163
339164
339165
339166
339167
339168
339169
339170
339171
339172
339173
339174
339175
339176
339177
339178
339179
339180
339181
339182
339183
339184
339185
339186
339187
339188
339189
339190
339191
339192
339193
339194
339195
339196
339197
339198
339199
339200
339201
339202
339203
339204
339205
339206
339207
339208
339209
339210
339211
339212
339213
339214
339215
339216
339217
339218
339219
339220
339221
339222
339223
339224
339225
339226
339227
339228
339229
339230
339231
339232
339233
339234
339235
339236
339237
339238
339239
339240
339241
339242
339243
339244
339245
339246
339247
339248
339249
339250
339251
339252
339253
339254
339255
339256
339257
339258
339259
339260
339261
339262
339263
339264
339265
339266
339267
339268
339269
339270
339271
339272
339273
339274
339275
339276
339277
339278
339279
339280
339281
339282
339283
339284
339285
339286
339287
339288
339289
339290
339291
339292
339293
339294
339295
339296
339297
339298
339299
339300
339301
339302
339303
339304
339305
339306
339307
339308
339309
339310
339311
339312
339313
339314
339315
339316
339317
339318
339319
339320
339321
339322
339323
339324
339325
339326
339327
339328
339329
339330
339331
339332
339333
339334
339335
339336
339337
339338
339339
339340
339341
339342
339343
339344
339345
339346
339347
339348
339349
339350
339351
339352
339353
339354
339355
339356
339357
339358
339359
339360
339361
339362
339363
339364
339365
339366
339367
339368
339369
339370
339371
339372
339373
339374
339375
339376
339377
339378
339379
339380
339381
339382
339383
339384
339385
339386
339387
339388
339389
339390
339391
339392
339393
339394
339395
339396
339397
339398
339399
339400
339401
339402
339403
339404
339405
339406
339407
339408
339409
339410
339411
339412
339413
339414
339415
339416
339417
339418
339419
339420
339421
339422
339423
339424
339425
339426
339427
339428
339429
339430
339431
339432
339433
339434
339435
339436
339437
339438
339439
339440
339441
339442
339443
339444
339445
339446
339447
339448
339449
339450
339451
339452
339453
339454
339455
339456
339457
339458
339459
339460
339461
339462
339463
339464
339465
339466
339467
339468
339469
339470
339471
339472
339473
339474
339475
339476
339477
339478
339479
339480
339481
339482
339483
339484
339485
339486
339487
339488
339489
339490
339491
339492
339493
339494
339495
339496
339497
339498
339499
339500
339501
339502
339503
339504
339505
339506
339507
339508
339509
339510
339511
339512
339513
339514
339515
339516
339517
339518
339519
339520
339521
339522
339523
339524
339525
339526
339527
339528
339529
339530
339531
339532
339533
339534
339535
339536
339537
339538
339539
339540
339541
339542
339543
339544
339545
339546
339547
339548
339549
339550
339551
339552
339553
339554
339555
339556
339557
339558
339559
339560
339561
339562
339563
339564
339565
339566
339567
339568
339569
339570
339571
339572
339573
339574
339575
339576
339577
339578
339579
339580
339581
339582
339583
339584
339585
339586
339587
339588
339589
339590
339591
339592
339593
339594
339595
339596
339597
339598
339599
339600
339601
339602
339603
339604
339605
339606
339607
339608
339609
339610
339611
339612
339613
339614
339615
339616
339617
339618
339619
339620
339621
339622
339623
339624
339625
339626
339627
339628
339629
339630
339631
339632
339633
339634
339635
339636
339637
339638
339639
339640
339641
339642
339643
339644
339645
339646
339647
339648
339649
339650
339651
339652
339653
339654
339655
339656
339657
339658
339659
339660
339661
339662
339663
339664
339665
339666
339667
339668
339669
339670
339671
339672
339673
339674
339675
339676
339677
339678
339679
339680
339681
339682
339683
339684
339685
339686
339687
339688
339689
339690
339691
339692
339693
339694
339695
339696
339697
339698
339699
339700
339701
339702
339703
339704
339705
339706
339707
339708
339709
339710
339711
339712
339713
339714
339715
339716
339717
339718
339719
339720
339721
339722
339723
339724
339725
339726
339727
339728
339729
339730
339731
339732
339733
339734
339735
339736
339737
339738
339739
339740
339741
339742
339743
339744
339745
339746
339747
339748
339749
339750
339751
339752
339753
339754
339755
339756
339757
339758
339759
339760
339761
339762
339763
339764
339765
339766
339767
339768
339769
339770
339771
339772
339773
339774
339775
339776
339777
339778
339779
339780
339781
339782
339783
339784
339785
339786
339787
339788
339789
339790
339791
339792
339793
339794
339795
339796
339797
339798
339799
339800
339801
339802
339803
339804
339805
339806
339807
339808
339809
339810
339811
339812
339813
339814
339815
339816
339817
339818
339819
339820
339821
339822
339823
339824
339825
339826
339827
339828
339829
339830
339831
339832
339833
339834
339835
339836
339837
339838
339839
339840
339841
339842
339843
339844
339845
339846
339847
339848
339849
339850
339851
339852
339853
339854
339855
339856
339857
339858
339859
339860
339861
339862
339863
339864
339865
339866
339867
339868
339869
339870
339871
339872
339873
339874
339875
339876
339877
339878
339879
339880
339881
339882
339883
339884
339885
339886
339887
339888
339889
339890
339891
339892
339893
339894
339895
339896
339897
339898
339899
339900
339901
339902
339903
339904
339905
339906
339907
339908
339909
339910
339911
339912
339913
339914
339915
339916
339917
339918
339919
339920
339921
339922
339923
339924
339925
339926
339927
339928
339929
339930
339931
339932
339933
339934
339935
339936
339937
339938
339939
339940
339941
339942
339943
339944
339945
339946
339947
339948
339949
339950
339951
339952
339953
339954
339955
339956
339957
339958
339959
339960
339961
339962
339963
339964
339965
339966
339967
339968
339969
339970
339971
339972
339973
339974
339975
339976
339977
339978
339979
339980
339981
339982
339983
339984
339985
339986
339987
339988
339989
339990
339991
339992
339993
339994
339995
339996
339997
339998
339999
340000
340001
340002
340003
340004
340005
340006
340007
340008
340009
340010
340011
340012
340013
340014
340015
340016
340017
340018
340019
340020
340021
340022
340023
340024
340025
340026
340027
340028
340029
340030
340031
340032
340033
340034
340035
340036
340037
340038
340039
340040
340041
340042
340043
340044
340045
340046
340047
340048
340049
340050
340051
340052
340053
340054
340055
340056
340057
340058
340059
340060
340061
340062
340063
340064
340065
340066
340067
340068
340069
340070
340071
340072
340073
340074
340075
340076
340077
340078
340079
340080
340081
340082
340083
340084
340085
340086
340087
340088
340089
340090
340091
340092
340093
340094
340095
340096
340097
340098
340099
340100
340101
340102
340103
340104
340105
340106
340107
340108
340109
340110
340111
340112
340113
340114
340115
340116
340117
340118
340119
340120
340121
340122
340123
340124
340125
340126
340127
340128
340129
340130
340131
340132
340133
340134
340135
340136
340137
340138
340139
340140
340141
340142
340143
340144
340145
340146
340147
340148
340149
340150
340151
340152
340153
340154
340155
340156
340157
340158
340159
340160
340161
340162
340163
340164
340165
340166
340167
340168
340169
340170
340171
340172
340173
340174
340175
340176
340177
340178
340179
340180
340181
340182
340183
340184
340185
340186
340187
340188
340189
340190
340191
340192
340193
340194
340195
340196
340197
340198
340199
340200
340201
340202
340203
340204
340205
340206
340207
340208
340209
340210
340211
340212
340213
340214
340215
340216
340217
340218
340219
340220
340221
340222
340223
340224
340225
340226
340227
340228
340229
340230
340231
340232
340233
340234
340235
340236
340237
340238
340239
340240
340241
340242
340243
340244
340245
340246
340247
340248
340249
340250
340251
340252
340253
340254
340255
340256
340257
340258
340259
340260
340261
340262
340263
340264
340265
340266
340267
340268
340269
340270
340271
340272
340273
340274
340275
340276
340277
340278
340279
340280
340281
340282
340283
340284
340285
340286
340287
340288
340289
340290
340291
340292
340293
340294
340295
340296
340297
340298
340299
340300
340301
340302
340303
340304
340305
340306
340307
340308
340309
340310
340311
340312

FIFHER TWP. - G-141

SANDRA TWP. - G-167

WALTERS TWP. - G-171

McCOMBER TWP. - G-166

TOWNSHIP

IRWIN

M.N.R ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION & GERALDTON

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

RECEIVED
THUNDER BAY
MAY 6 PM 4 48
'88

LEGEND

PATENTED LAND	(P) or
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE	(L)
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	(17)
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

*used only with summer resort locations or when space is limited

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 (1 KM) 2000 (2 KM)

Ministry of Natural Resources — Land Management Branch

Ontario

Nov. 1985

Date FEBRUARY 6th, 1981

Number G-164

1760

I R W I N

PORT ARTHUR MINING DIVISION

Scale. 40 Chains = 1 inch

PIFHER

SANDRA

WALTERS

Twin Falls

Namewamikan River

Knox Lake

Old Trail

Windigokan Lake

Dead Lake

Spawn L.

Still Lake

Bearskin Lake

Camp Lake

Wat 582 Lake

NO LAND

HF 22 | North Part | North Part | North Part | North Part | North Part | North Part

HF 18 | H.F. 19 | HF 20 | HF 23 | South Pt. | South Pt. | South Pt. | South Pt. | South Pt.

HF 13 | HF 12 | HF 14 | HF 11 | H.F. 10 | HF 15 | HF 24 | H.F. 25 | H.F. 27 | H.F. 28 | H.F. 30 | H.F. 31 | H.F. 26 | H.F. 29 | HF 35

IRWIN McCOMBER 1944

PIFHER TWP - G-141

SANDRA TWP. - G-167

WALTERS TWP. - G-171

McCOMBER TWP - G-166

TOWNSHIP

IRWIN

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION & GERALDTON

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

'89 AUR 10 '89 MAR 14 -- 0911 16

LEGEND

PATENTED LAND	Ⓟ or ◔*
PATENTED FOR SURFACE RIGHTS ONLY	◔*
LEASE	Ⓛ
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	(17)
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

*used only with summer resort locations or when space is limited

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 (1 KM) 2000 (2 KM)

Ministry of Natural Resources — Land Management Branch

Ontario

Date FEBRUARY 6th, 1981

Number **G-164**

1760

RECEIVED
MAY 11 1949
MINING DIVISION

IRWIN

NIPIGON PROVINCIAL FOREST

PORT ARTHUR MINING DIVISION

DISTRICT OF THUNDER BAY

Scale – 40 Chains = 1 Inch

North Ast.

PIFHER

SANDRA

WALTERS

Twin Falls

Nemewamunkin River

Old Trail

Knox L.

Windigokan Lake

Dead L.

Spawn L.

Still Lake

Bearskin Lake

McCambly Lake

Tallon Lake

Goosneck L.

Watson L.

Lake

1M

2M

3M

4M

5M

6M

7M

8M

9M

10M

11M

McCOMBER 1949

137

RECEIVED
MAY 11 1949
MINING DIVISION

PIFHER TWP. - G-141

SANDRA TWP. - G-167

WALTERS TWP. - G-171

McCOMBER TWP. - G-166

TOWNSHIP

IRWIN

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION & GERALDTON

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

RECEIVED
THUNDER BAY
DEC
'83 AUG 29 AM 9 15

LEGEND

PATENTED LAND	Ⓟ or
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE	Ⓛ
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	17
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

*used only with summer resort locations or when space is limited

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 (1 KM) 2000 (2 KM)

Ministry of Natural Resources — Land Management Brunch

Ontario

Nov 1, 1985

Date FEBRUARY 6th, 1981

Number **G-164**

1760

PIFHER TWP. - M.1863

SANDRA TWP. - M.1880

WALTERS TWP. - M.1917

McCOMBER TWP. - M.1802

NOTES

400' surface rights reservation along the shores of all lakes and rivers.

LEGEND

PATENTED LAND	Ⓟ or
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE	Ⓛ
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	17
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

*used only with summer resort locations or when space is limited

TOWNSHIP OF

IRWIN

DISTRICT OF
THUNDER BAY

THUNDER BAY
MINING DIVISION

SCALE : 1 INCH = 40 CHAINS (1/2 MILE)

DR. b.k.

DATE June 1971

PLAN NO. M.1760

ONTARIO
DEPARTMENT OF MINES
AND NORTHERN AFFAIRS

1973

PIFHER TWP. - G-141

SANDRA TWP. - G-167

WALTERS TWP. - G-171

McCOMBER TWP - G-166

TOWNSHIP

IRWIN

M.N.R ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION ~~GERALDTON~~

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

THUNDER BAY
LAND TITLES DIVISION
DEPOSITED PLAN
No. DM-[illegible]
[illegible]

LEGEND

PATENTED LAND	(P) or
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE	(L)
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	(17)
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

*used only with summer resort locations or when space is limited

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 (1 KM) 2000 (2 KM)

Ministry of Natural Resources — Land Management Branch

Ontario

Date FEBRUARY 6th, 1981

Now 1, 1985

Number **G-164**

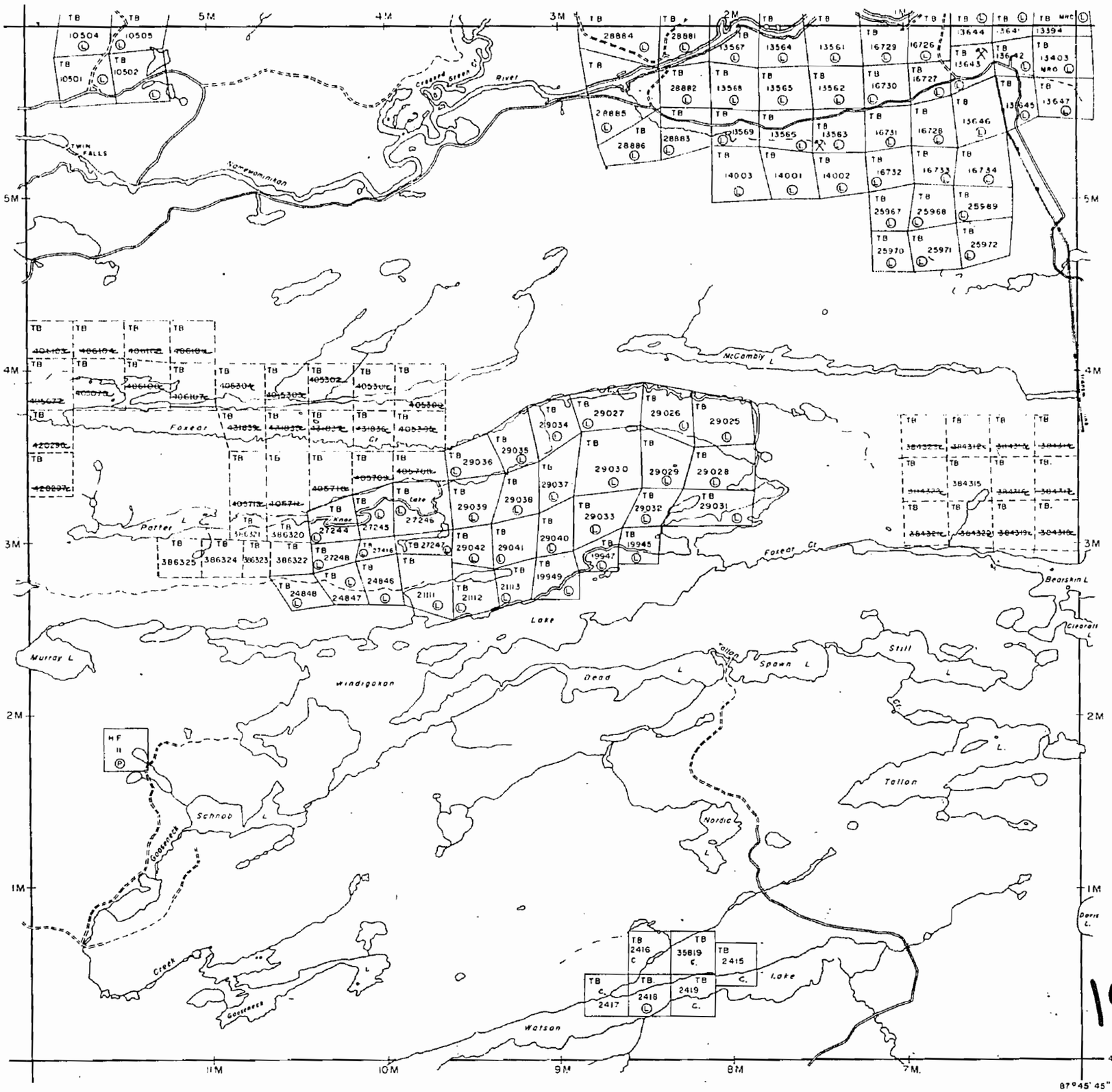
1760

PIFHER TWP. - M.1863

SANDRA TWP. - M.1880

WALTERS TWP. - M.1917

McCOMBER TWP. - M.1802



NOTES

400' surface rights reservation along the shores of all lakes and rivers
January 25, 1911

LEGEND

PATENTED LAND	P or
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE	L
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	17
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

*used only with summer resort locations or when space is limited

TOWNSHIP OF

IRWIN

DISTRICT OF
THUNDER BAY

THUNDER BAY
MINING DIVISION

SCALE : 1 INCH = 40 CHAINS (1/2 MILE)

DR DK	PLAN NO. M.1760
DATE June 1971	

1977

NIPIGON DISTRICT ONTARIO

MINISTRY OF NATURAL RESOURCES

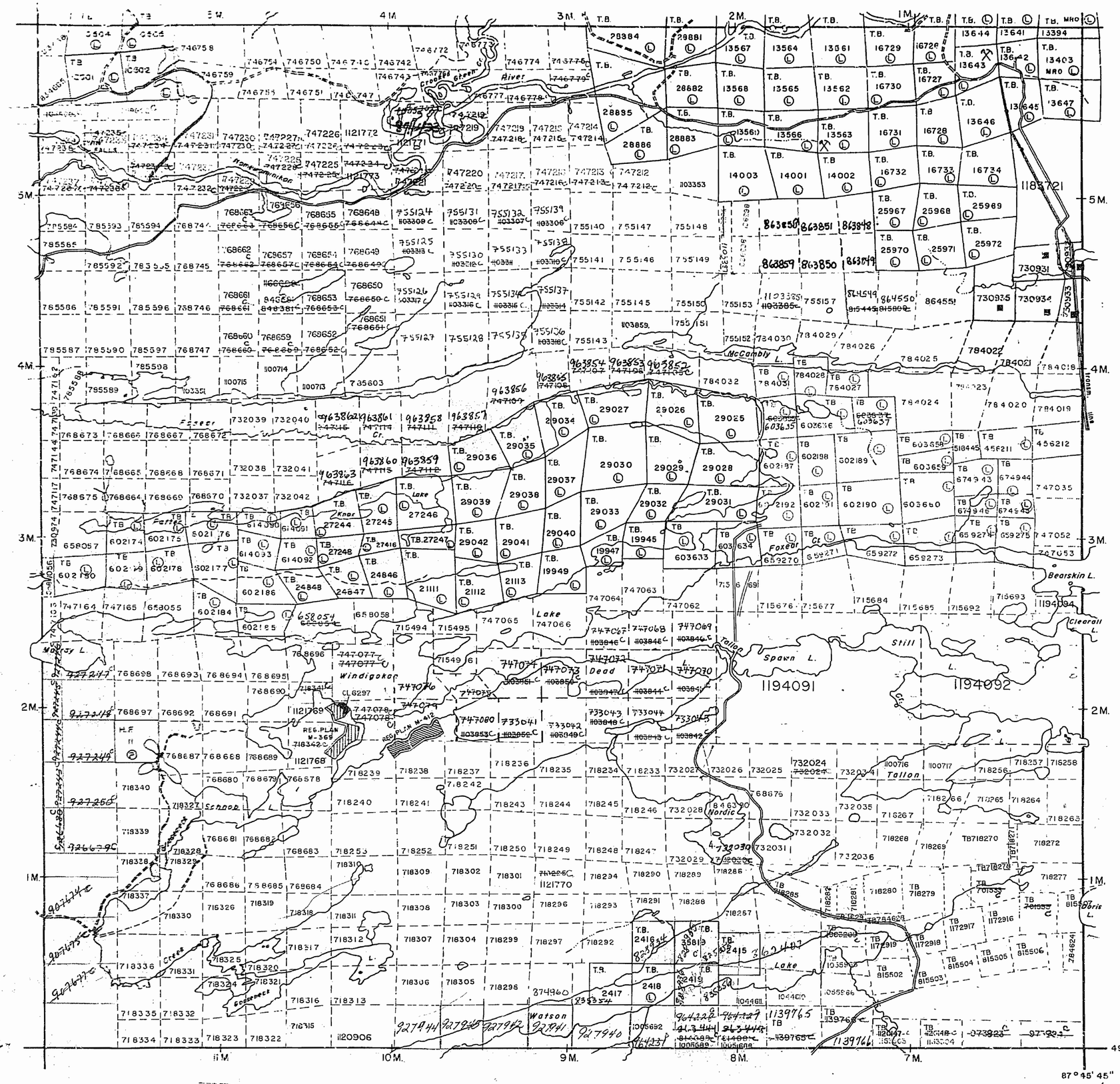
SURVEYS AND MAPPING BRANCH

PIFHER TWP - G-141

SANDRA TWP. - G-167

WALTERS TWP. - G-171

McCOMBER TWP - G-166


5M.
4M.
3M.
2M.
1M.
Ferber
Fatso
Knox
Lake
Foxbar
Bearskin L.
Clearoil L.
Still L.
Spawn L.
Tallon
Dead
Windigokan
McCambly L.
Nordic
Watson
Lake
Creek
Ironton
Boris L.
Esquenoc
Senoor
Sandra L.
Mosby L.
Foxbar
Tallon
Ironton
Boris L.
Esquenoc
Senoor
Sandra L.
Mosby L.
Windigokan
Dead
Spawn L.
Still L.
Bearskin L.
Clearoil L.
Foxbar
Knox
Ferber
McCambly L.
Nordic
Watson
Lake
Creek

1760

PIFHER TWP. - M.1863

SANDRA TWP. - M.1880

WALTERS TWP. - M.1917

McCOMBER TWP. - M.1802

NOTES

400' surface rights reservation along the shores of all lakes and rivers.

DATE OF ISSUE
OCT 21 1974

LEGEND

PATENTED LAND	(P) or
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE	(L)
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	17
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

*used only with summer resort locations or when space is limited

TOWNSHIP OF

IRWIN

DISTRICT OF
THUNDER BAY

THUNDER BAY
MINING DIVISION

SCALE : 1 INCH = 40 CHAINS (1/2 MILE)

DR. b k.	PLAN NO. M.1760
DATE June 1971	

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH

1974

PIFHER TWP. - G-141

SANDRA TWP. - G-167

WALTERS TWP. - G-171

McCOMBER TWP. - G-166

TOWNSHIP

IRWIN

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION (GERALDTON)

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

LEGEND

PATENTED LAND	(P) or
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE	(L)
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	(17)
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

*used only with summer resort locations or when space is limited

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 2000

(1 KM) (2 KM)

Ministry of Natural Resources — Land Management Branch

Ontario

Date FEBRUARY 6th, 1981

Number G-164

Nov. 1, 1985

1760

IRWIN

NIPIGON PROVINCIAL FOREST

PORT ARTHUR MINING DIVISION

DISTRICT OF THUNDER BAY

Scale:—40 Chains = 1 Inch

North Ast.

PIFHER

SANDRA

WALTERS

Patter L.

Knox L.

Windigokan L.

Dead Lake

Spawn Lake

Still Lake

Bearskin Lake

Tallon Lake

Schnob Lake

Goosneck L.

Watson L.

McCOMBER

1958

1760

TOWNSHIP

IRWIN

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION (GERALD)

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

LEGEND

PATENTED LAND	(P) or
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE	
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	(17)
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

LAND USE PERMITS FOR COMMERCIAL TOURISTIC OUTPOST CAMPS
*used only with summer resort locations or when space is limited

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 (1 KM) 2000 (2 KM)

Ministry of Natural Resources — Land Management Branch

Ontario

Date FEBRUARY 6th, 1981

Number **G-164**

RECEIVED
'91 DEC 31 PM 1 33
THUNDER BAY
MINING DIVISION

SANDRA TWP. - G-167

WALTERS TWP. - G-171

McCOMBER TWP. - G-166

TWP. - G-141

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

M.R.O. - MINING RIGHTS ONLY
S.R.O. - SURFACE RIGHTS ONLY
M.+S. - MINING AND SURFACE RIGHTS

PIFHER TWP. - G-141

SANDRA TWP. - G-167

WALTERS TWP. - G-171

McCOMBER TWP. - G-166

NOTICE-
The information that appears on this map has been compiled from various sources and accuracy is not guaranteed. Those wishing to stake MINING CLAIMS should consult with the MINING RECORDER, Ministry of Northern Development and Mines, for additional information on the status of the lands shown hereon.

TOWNSHIP

IRWIN

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

LEGEND

PATENTED LAND	P or
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE	or L
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	17
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

*used only with summer resort locations or when space is limited

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 (1 KM) 2000 (2 KM)

Ministry of Natural Resources — Land Management Branch

Ontario

Date FEBRUARY 6th, 1981

Number **G-164**

In Service Jan. 12/96 (LA)

PIFHER TWP. - G-141

SANDRA TWP. - G-167

WALTERS TWP. - G-171

McCOMBER TWP. - G-166

TOWNSHIP

IRWIN

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION & GERALDTON

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

RECEIVED
THUNDER BAY
LAND TITLES DIVISION
'88 JUN 17 AM 8 58

LEGEND

PATENTED LAND	P or
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE	L
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	17
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

*used only with summer resort locations or when space is limited

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 (1 KM) 2000 (2 KM)

Ontario Ministry of Natural Resources — Land Management Branch

Date FEBRUARY 6th, 1981

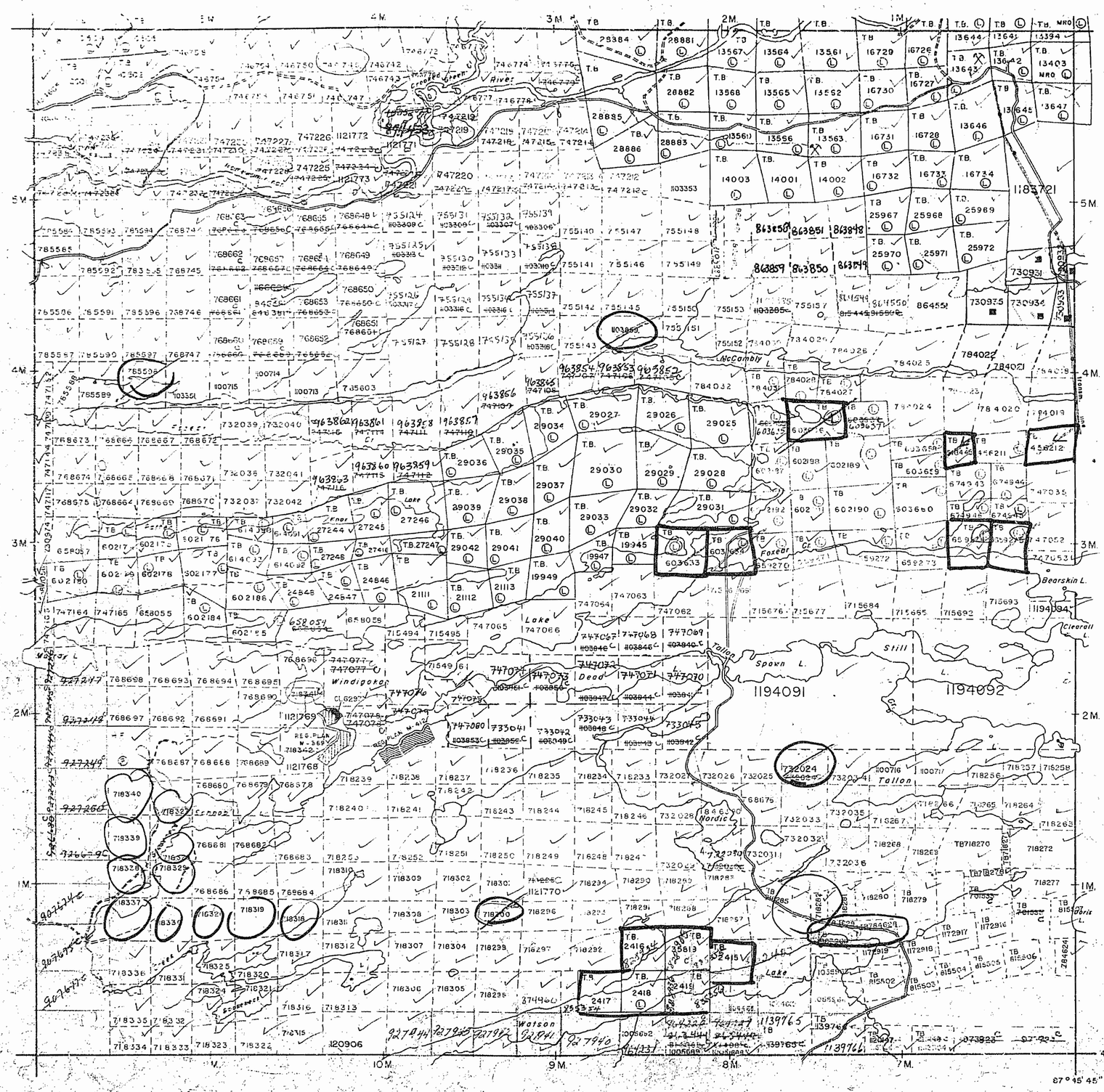
Number **G-164**

PIFHER TWP. - G-141

SANDRA TWP. - G-167

WALTERS TWP. - G-171

McCOMBER TWP. - G-166



TOWNSHIP

IRWIN

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION GERALDTON

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

LEGEND

PATENTED LAND	(P) or
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE	(L)
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	(17)
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

LAND USE PERMITS FOR COMMERCIAL TOURIST OUTPOST CAMPS *used only with summer resort locations or when space is limited

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 2000

(1 KM) (2 KM)

Ministry of Natural Resources — Land Management Branch

Ontario

May 1, 1985

Date FEBRUARY 6th, 1981

Number G-164

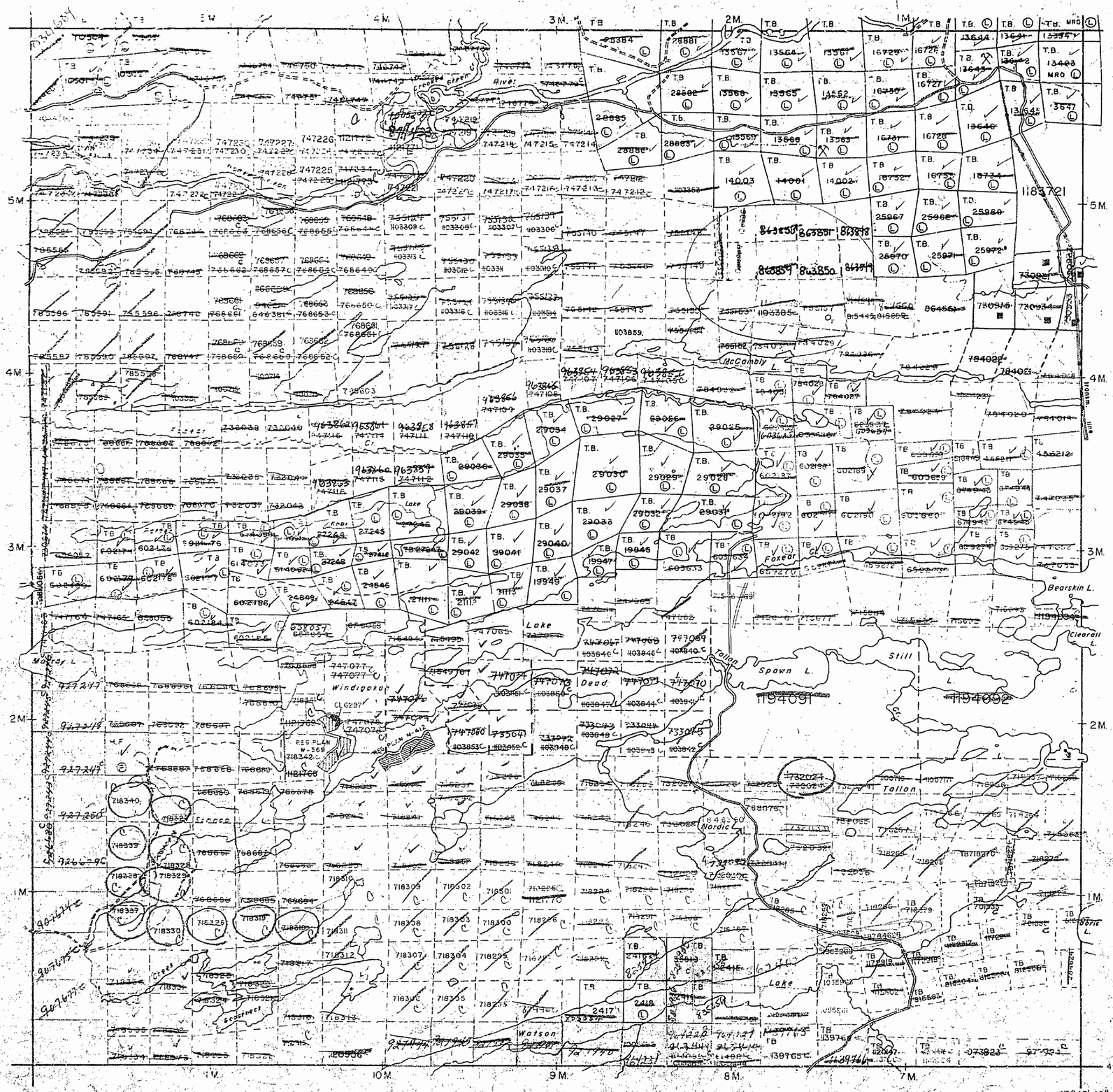
RECEIVED
THUNDER BAY
MINING DIVISION
'92 MAR 2 PM 4 29

PIFHER TWP. - G-141

SANDRA TWP. - G-167

WALTERS TWP. - G-171

McCOMBER TWP. - G-166



TOWNSHIP

IRWIN

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION ~~GERALDTON~~

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

LEGEND

PATENTED LAND	(P) or
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE	(L)
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	(17)
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

LAND USE PERMITS FOR COMMERCIAL TOURISM OUTPOST CAMPS
*used only with summer resort locations or when space is limited

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 2000
(1/4 KM) (2 KM)

Ministry of Natural Resources — Land Management Branch

Ontario

Date FEBRUARY 6th, 1981

Number **G-164**

RECEIVED
THUNDER BAY
MINING DIVISION
'92 FEB 24 AM 8 55

PIPHER TWP. - G-141

SANDRA TWP. - G-167

WALTERS TWP. - G-171

McCOMBER TWP. - G-166

TOWNSHIP

IRWIN

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION (GERALDTON)

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

LEGEND

PATENTED LAND	(P) or
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE	(L)
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	(17)
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

LAND USE PERMITS FOR COMMERCIAL TOURISM, OUTPOST CAMPS *used only with summer resort locations or when space is limited

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 (1 KM) 2000 (2 KM)

Ministry of Natural Resources — Land Management Branch

Ontario

Date FEBRUARY 6th, 1981

Number G-164

PIFHER TWP. - G-141

SANDRA TWP. - G-167

WALTERS TWP. - G-171

McCOMBER TWP - G-166

TOWNSHIP

IRWIN

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION & GERALDTON

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

RECEIVED
THUNDER BAY
MINING DIVISION
'88 AUG 29 AM 11

LEGEND

PATENTED LAND	(P) or *
PATENTED FOR SURFACE RIGHTS ONLY	*
LEASE	(L)
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	(17)
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

*used only with summer resort locations or when space is limited

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 2000
(1 KM) (2 KM)

Ministry of Natural Resources — Land Management Branch

Ontario

Nov. 1, 1985

Date FEBRUARY 6th, 1981

Number **G-164**

1760

I R W I N

PORT ARTHUR MINING DIVISION

Scale. 40 Chains = 1 inch

PIFHER

SANDRA

WALTERS

Twin Falls

Namewamikan River

Knox Lake

Old Trail

Windigokan Lake

Dead Lake

Spawn L.

Still Lake

Bearskin Lake

Watson Lake

Common Lake

Macjac Landing

NO LAND

IRWIN McCOMBER 1944

1760

MAY 12 1949
MINING DIVISION

IRWIN

NIPIGON PROVINCIAL FOREST

PORT ARTHUR MINING DIVISION

DISTRICT OF THUNDER BAY

Scale – 40 Chains = 1 Inch

North Ast.

PIFHER

SANDRA

WALTERS

Namewamunikin River

Twin Falls

Old Trail

Knox Lake

McCambly Lake

Bearskin Lake

Windigokan Lake

Dead Lake

Spawn Lake

Still Lake

Talton Lake

Goosneck Lake

Watson

McCOMBER

1949

137

MAY 11 1949
MINING DIVISION

1760

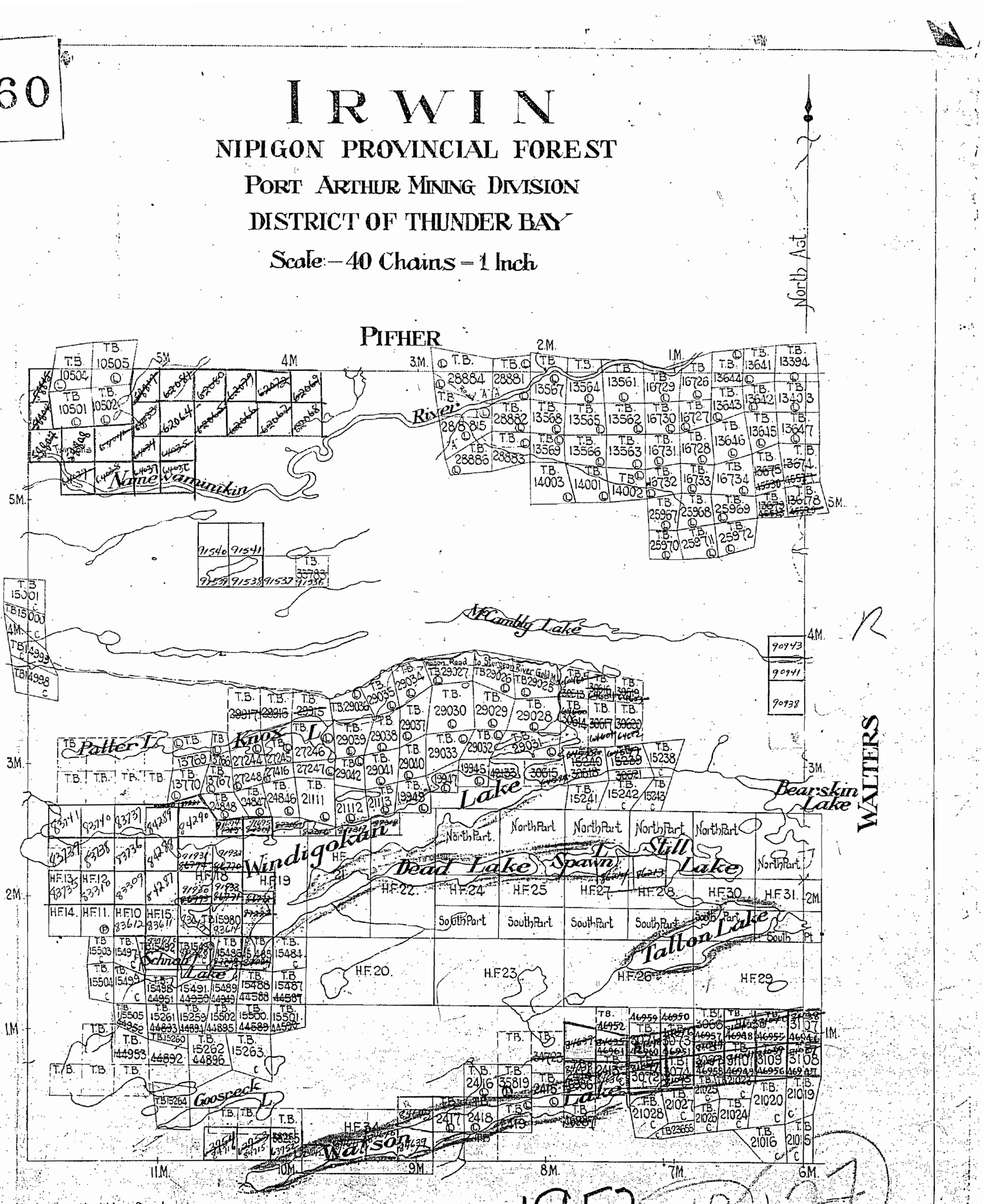
IRWIN

NIPIGON PROVINCIAL FOREST

PORT ARTHUR MINING DIVISION

DISTRICT OF THUNDER BAY

Scale:—40 Chains = 1 Inch



IRWIN TWP. T.B.13J

1760

IRWIN

NIPIGON PROVINCIAL FOREST

PORT ARTHUR MINING DIVISION

DISTRICT OF THUNDER BAY

Scale:—40 Chains = 1 Inch

North Ast.

PIFHER

SANDRA

WALTERS

Numewanimkin

Mamby Lake

Patter L.

Knox L.

Windigokan Lake

Dead Lake

Spawn L.

Still Lake

Bearskin Lake

Schnab Lake

Tallon Lake

Goosneck L.

Watson Lake

Wagon Road to Sturgeon River Gold Mines

Road A

River

McCOMBER 1958

1760

1760

IRWIN

NIPIGON PROVINCIAL FOREST

PORT ARTHUR MINING DIVISION

DISTRICT OF THUNDER BAY

Scale—40 Chains = 1 Inch

North Ast.

PIFHER

SANDRA

WATERS

Nunewaininikin

Patterl L.

Knox L.

Windigokan L.

Dead Lake

Lake

Bearskin Lake

Still Lake

Spawn L.

McCumiby Lake

Talbot Lake

Schnab Lake

Goosneck L.

Watson L.

McCOMBER

1963

M1760

1760

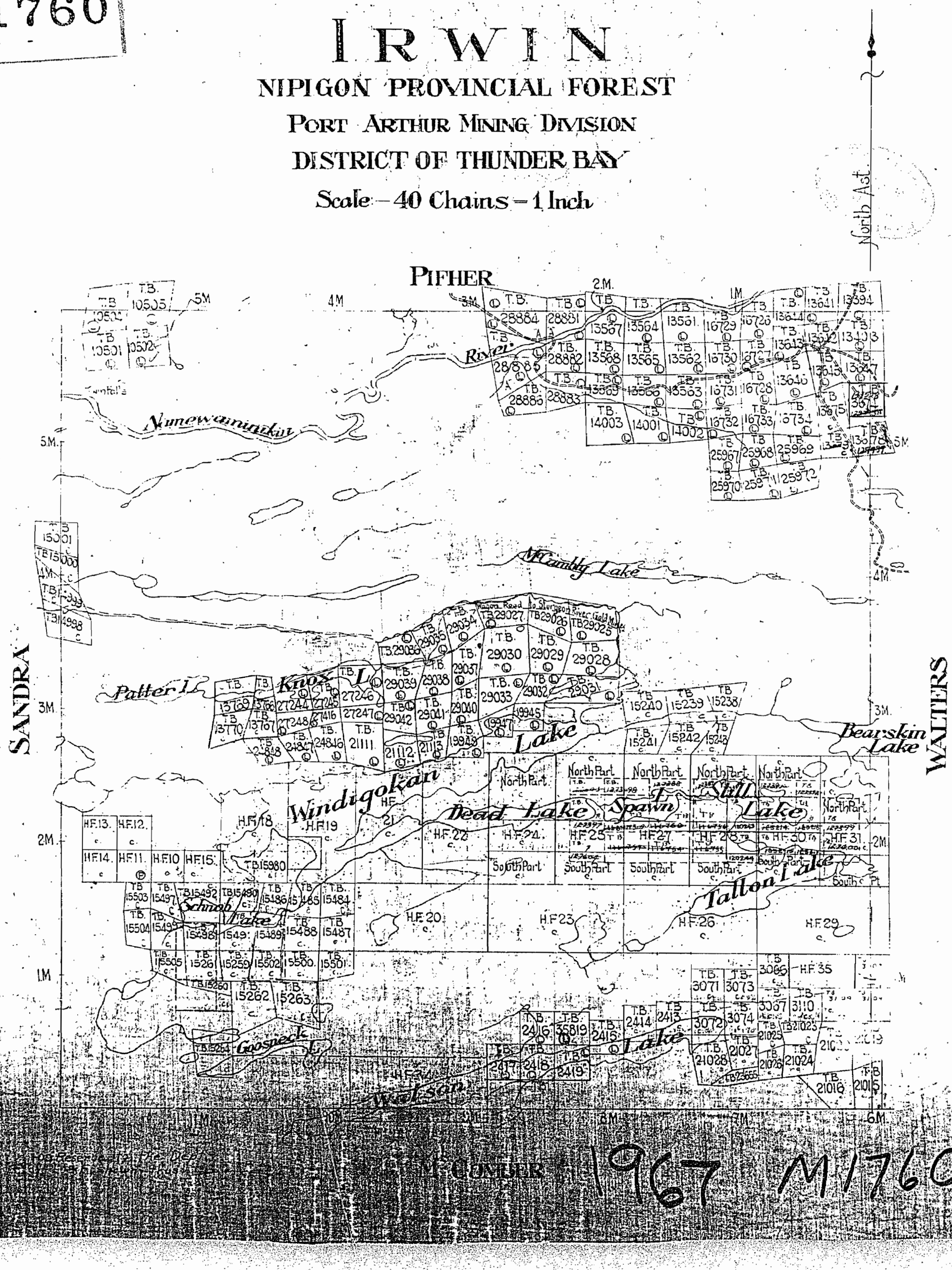
IRWIN

NIPIGON PROVINCIAL FOREST

PORT ARTHUR MINING DIVISION

DISTRICT OF THUNDER BAY

Scale – 40 Chains = 1 Inch



M. COMBER 1967 M1760

1760

IRWIN

NIPIGON PROVINCIAL FOREST

PORT ARTHUR MINING DIVISION

DISTRICT OF THUNDER BAY

Scale — 40 Chains = 1 Inch

North Ast.

PIFHER

SANDRA

WALTERS

Twin Falls

Nunewaminikan River

Patterl Knox Lake

Windigokan Lake

Dead Lake

Spann Lake

Still Lake

Tallon Lake

Schnab Lake

Goospeck Lake

Bearskin Lake

McCambly Lake

Wagon Road

Sturgeon River Gold Mine

5M

4M

3M

2M

1M

1760

PIFHER TWP. - M.1863

SANDRA TWP. - M.1880

WALTERS TWP. - M.1917

McCOMBER TWP. - M.1802

NOTES

400' surface rights reservation along the shores of all lakes and rivers

LEGEND

PATENTED LAND	P or
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE	L
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	(17)
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

*used only with summer resort locations or when space is limited

TOWNSHIP OF

IRWIN

DISTRICT OF
THUNDER BAY

THUNDER BAY
MINING DIVISION

SCALE : 1 INCH = 40 CHAINS (1/2 MILE)

DR. bk.	PLAN NO. M.1760
DATE June 1971	

1971

ONTARIO
DEPARTMENT OF MINES
AND NORTHERN AFFAIRS

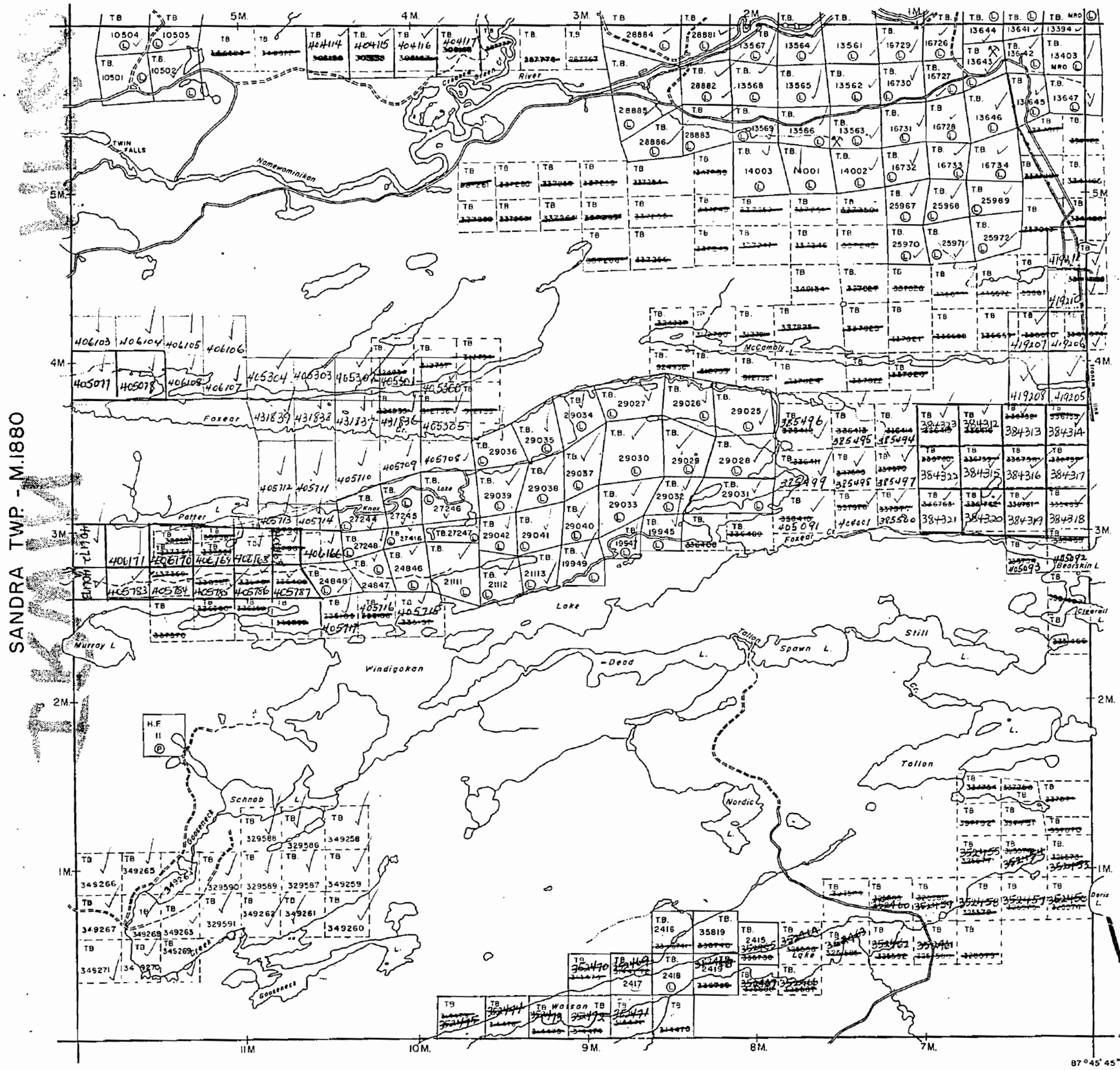
1760

PIFHER TWP. - M.1863

SANDRA TWP. - M.1880

WALTERS TWP. - M.1917

McCOMBER TWP. - M.1802



NOTES

400' surface rights reservation along the shores of all lakes and rivers.

LEGEND

PATENTED LAND	Ⓟ or
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE	Ⓛ
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	17
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

*used only with summer resort locations or when space is limited

TOWNSHIP OF

IRWIN

DISTRICT OF
THUNDER BAY

THUNDER BAY
MINING DIVISION

SCALE : 1 INCH = 40 CHAINS (1/2 MILE)

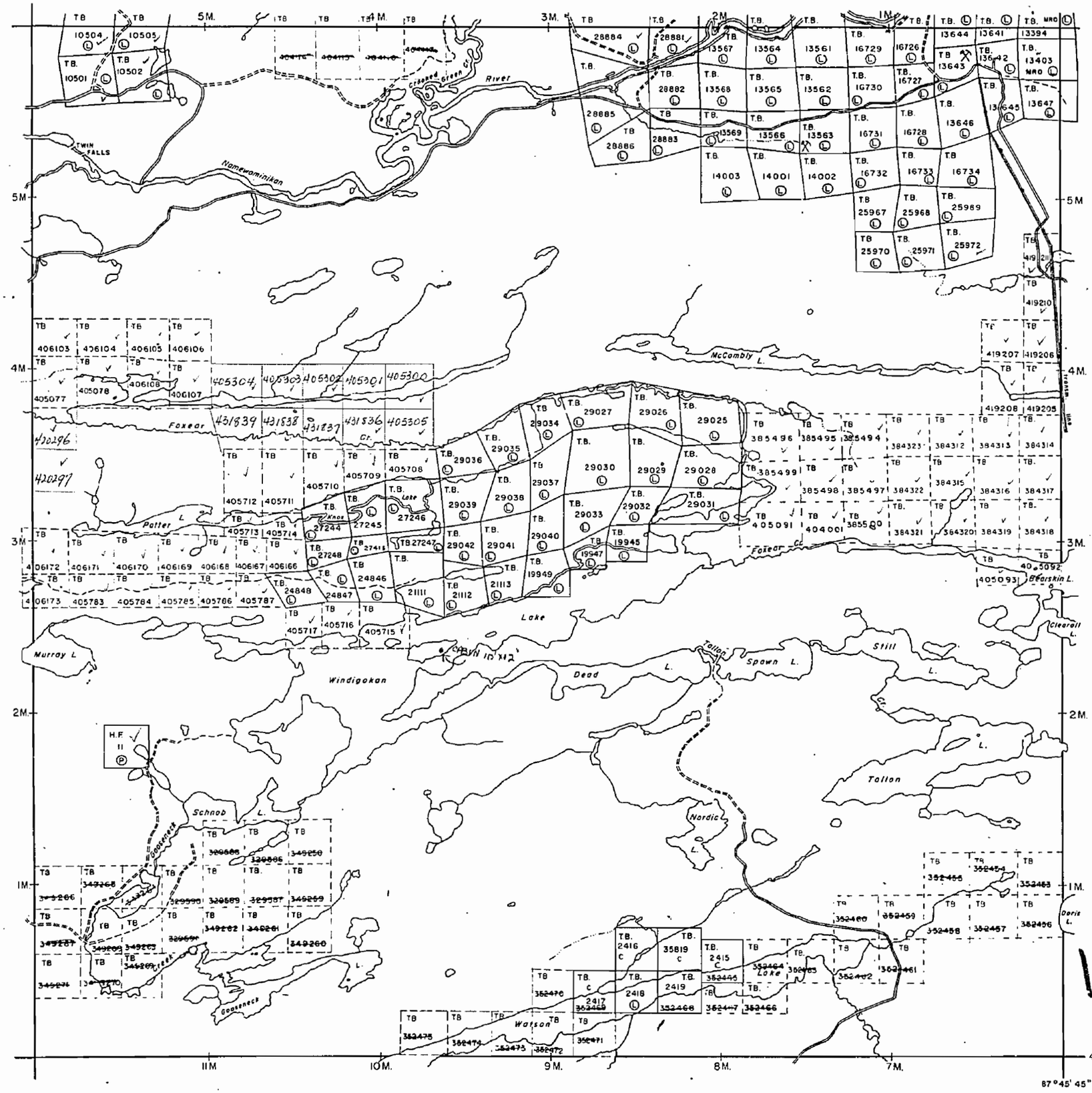
DR. bk.	PLAN NO. M.1760
DATE June 1971	

1973

ONTARIO
DEPARTMENT OF MINES
AND NORTHERN AFFAIRS

1760

PIFHER TWP. - M.1863



SANDRA TWP. - M.1880

WALTERS TWP. - M.1917

McCOMBER TWP. - M.1802

NOTES

400' surface rights reservation along the shores of all lakes and rivers.

DATE OF ISSUE
OCT 21 1974

LEGEND

PATENTED LAND	P or
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE	L
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.C.
HIGHWAY & ROUTE NO.	17
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

*used only with summer resort locations or when space is limited

TOWNSHIP OF

IRWIN

DISTRICT OF
THUNDER BAY

THUNDER BAY
MINING DIVISION

SCALE : 1 INCH = 40 CHAINS (1/2 MILE)

DR. bk.	PLAN NO. M.1760
DATE June 1971	

1974

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH

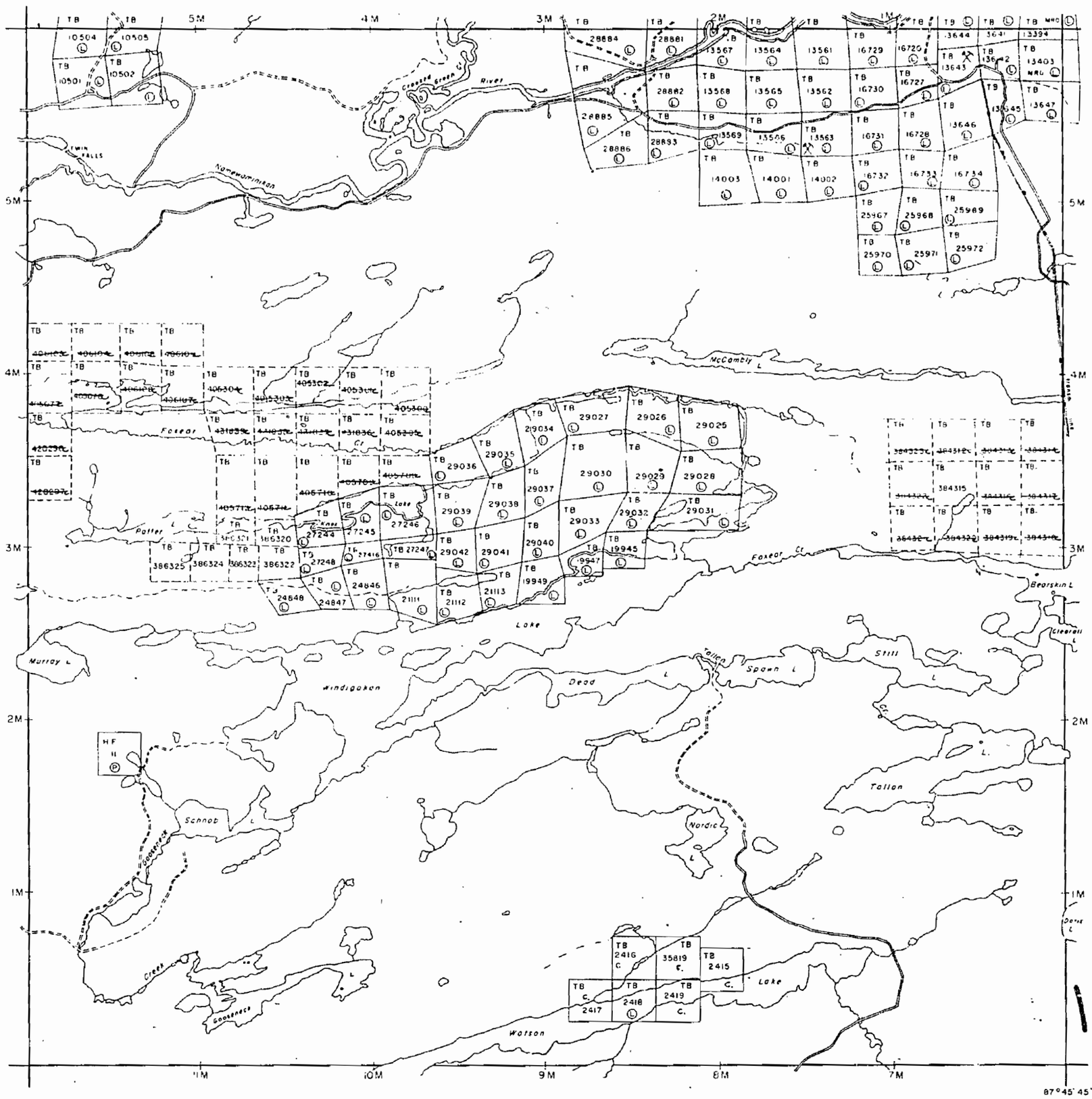
1760

PIFHER TWP. - M.1863

SANDRA TWP. - M.1880

WALTERS TWP. - M.1917

McCOMBER TWP. - M.1802



NOTES

400' surface rights reservation along the shores of all lakes and rivers

January 25, 1911

LEGEND

PATENTED LAND	(P) or
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE	(L)
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	(17)
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

*used only with summer resort locations or when space is limited

TOWNSHIP OF

IRWIN

DISTRICT OF
THUNDER BAY

THUNDER BAY
MINING DIVISION

SCALE : 1 INCH = 40 CHAINS (1/2 MILE)

1977

DR
DATE June 1971

PLAN NO. M.1760

NIPIGON DISTRICT ONTARIO

MINISTRY OF NATURAL RESOURCES

SURVEYS AND MAPPING BRANCH

REFERENCES

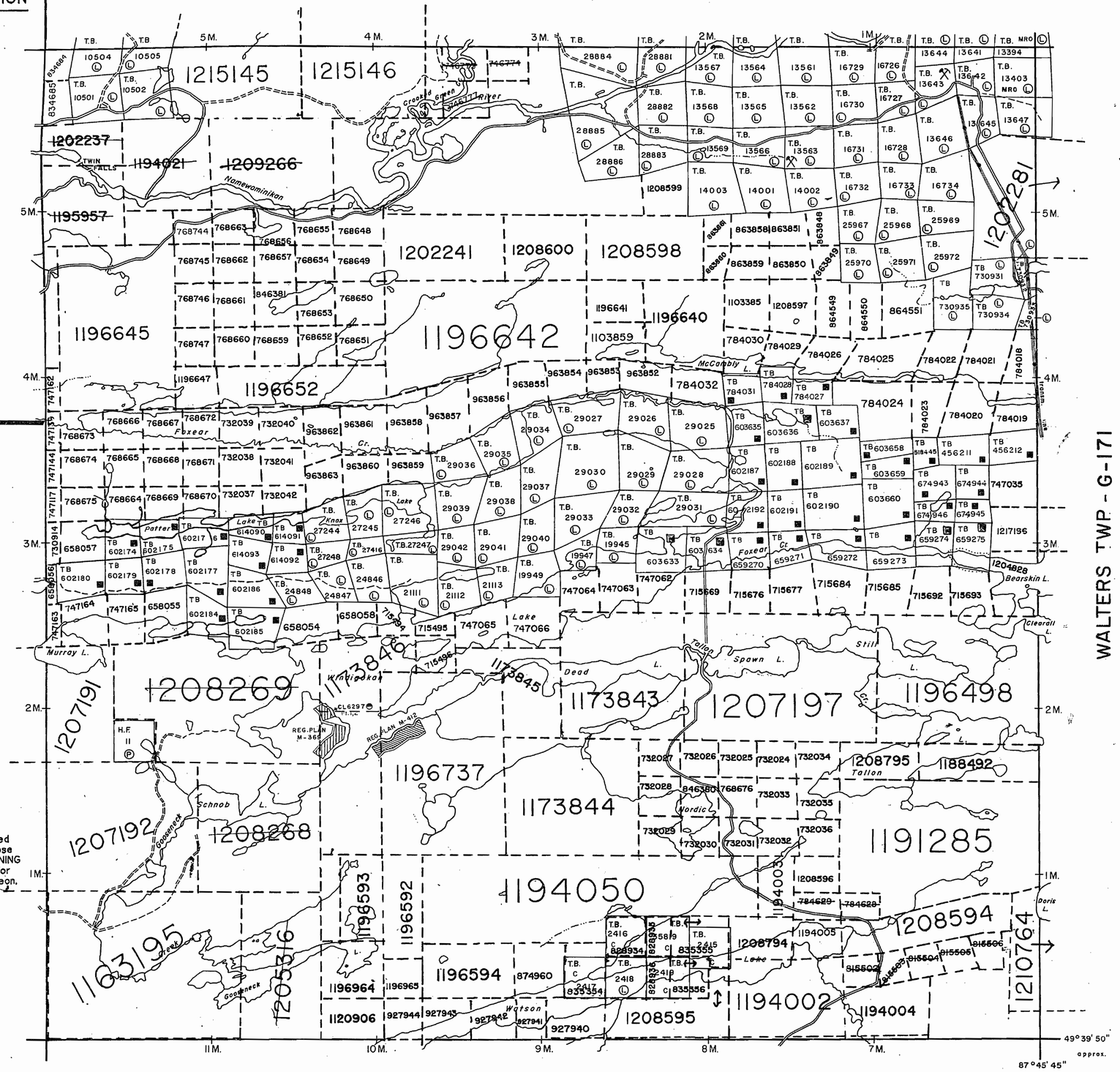
AREAS WITHDRAWN FROM DISPOSITION

M.R.O. - MINING RIGHTS ONLY
S.R.O. - SURFACE RIGHTS ONLY
M.+S. - MINING AND SURFACE RIGHTS

PIFHER TWP. - G-141

SANDRA TWP. - G-167

WALTERS TWP. - G-171



McCOMBER TWP. - G-166

NOTICE-
The information that appears on this map has been compiled from various sources and accuracy is not guaranteed. Those wishing to stake MINING CLAIMS should consult with the MINING RECORDER, Ministry of Northern Development and Mines, for additional information on the status of the lands shown hereon.

TOWNSHIP

IRWIN

M.N.R. ADMINISTRATIVE DISTRICT

NIPIGON

MINING DIVISION

THUNDER BAY

LAND TITLES / REGISTRY DIVISION

THUNDER BAY

DATE OF ISSUE

DEC 11 1997

PROVINCIAL RECORDING OFFICE - SUDBURY

LEGEND

PATENTED LAND	(P) or
PATENTED FOR SURFACE RIGHTS ONLY	
LEASE	or (L)
LICENSE OF OCCUPATION	L.O.
CROWN LAND SALES	C.S.
LOCATED LAND	Loc.
CANCELLED	C.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
HIGHWAY & ROUTE NO.	(17)
ROADS	
TRAILS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	

*used only with summer resort locations or when space is limited

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000
METRES 0 200 1000 (1 KM) 2000 (2 KM)

Ontario Ministry of Natural Resources — Land Management Branch

Date FEBRUARY 6th, 1981

In Service Jan. 12/96 (LA)

Number **G-164**