DIAMOND D

010

DIP TESTS

Pending Corrected

721.0'

-45°

Matthew Klecha

ASSESSMENT WORK

SSM-520

DIAMOND DRILL LOG

PROPERTY : New Senator-Rouyn Ltd. HOLE NUMBER: NS-1

LOCATION : Batchawana Bay, ONT DIP TESTS:

LATITUDE : 20-70 N Dip: -45° Footage Reading Corrected

DEPARTURE: 124-00 W Depth: 721'

ELEVATION: Commenced: Sept.10-63

AZIMUTH : 180° Finished : Sept.19-63 Logged by : Matthew Blecha

---

0.0 Casing
10.0

10.0 GABBRO: Dary grey, med. grained, even texture, massive, rel. unaltered. Cut by very fine white qutz. stringers (1-2%). Occasional minor patches of disseminated py, po (less than 1%_. Epidote stringers less than 1%.
125.8 Fractured zone. Carb. 7-10%, red feldspar 10%, highly siliceous, tr. py, pe, sphal. Few minor ( )planes at 55° to on. The ( )is preceded by 0.4' of brownish soft alteration.
127.5 Gabbro, as at 10.0 but with calcite stringers (5%). Includes a short (0.5') fairly foliated section at 139.5. Tr. py along minor fractures.
173.8

173.8 Volcanics, abrupt decrease in grain size to very fine, but still dark grey, massive.
175.0 Zone of brownish alteration and minor epidotization.
176.5 Same as at 173.8 - but carb. 3-5%, Epidote stringers, 1-2% few short zones of brownish alteration. Short (1") patch of 30% po. tr. cpy, 5% py at 177.6. (Slid) fractures with earthy, white material (less than 1%) at average angle of 50-60° to on.
201.0 Lost core.
203.0 Mottled with pale greenish-grey, feldspathic (?) alteration 4" of 5% py. at 207.3
212.0 Fractured zone (low intensity) accompanied by increase of carb. stringers to 15%, ( ) stringers (3%) and minor patches of white earthy alteration.
239.6

239.6 Bostonita (?) dyke, porphyritic, pink, sub-to-( )1-10 mm. feldspar crystals (50%) in a greenish sphanitic matrix. Very faintly foliated at 50° to on and slightly fractured. Sharp irrregular contacts (70° to on).
251.3 Volcanics (?). Very fine grained, greenish grey faintly foliated at 70° to on. Minor brownish alteration.
256.0 Bostonite dyke as at 239.6. Sharp upper contact at 70° to on.
260.0 Gradually becomes fractured, porphyritic exture, partly obliterarated, spotty development of earthy material (5%) and minor chlorite along slip planes.
276.3

276.3 Zone of fracturing and alteration, relatively low intensity of fracturing. Rock os grey, fine-med. grained, and chloritized, cut by a fine network of hematite stringers (15-20%) and carbonate stringers (3%)/

DESCRIPTION

302.5 Same as above, but with zeolite-like, pale green, pseudo porphyroblasts (7-10%). Gradual decrease in intensity of fracturing.
318.0

318.0 "Dioro-Andesite", fine grained, grey, hard, relatively massive cut by very fine hair-like carb. stringers (3%) and hematite stringers (less than 1%). Pseudo-porphyroblasts absent.
326.0 Abrupt gradational increase in grain size over 2-3" to fine-med. grained; even, dioritic texture, massive, feldspar crystals stained red. Calcite stringers, 1-2%, hematite, less than 1%. Re-appearance of pseudo-porphyroblasts (2-3%) as at 302.5. Includes few short (2-3") sections of shattering associated with med. chloritization, low carbonatization and minor earthy alteration.
424.9

424.9 Felsite Dyke, reddish brown, faintly prophyritic. Fine grained reddish subhedral felspathic phenocrysts in an aphanitic matrix. Sharp contacts at 20-30° to cr.
432.5

432.5 Dioro-Andesite, as at 318.0. First 1.0', fractured, then massive 2-3% carb., 3% Hem., a ½" fractured qtz-rich zone at 439.5, with tr. py and 5% carb.
439.7 Abrupt textural change to very fine grained, zeolite-like pseudoporphyroblasts, less than 1%. Rock is cut by hem. stringers (2-3%). Very finely diss'd py, less than 1%. Trace cpy.
444.0 Fractured zone, fine grained rel. massive "dioro-andesite" cut by short 2"-1.0' isolated fracture zones, (50%). Low-med. chloritization, carb. 10-15%, hem. 5%.
447.9 Dioro-andesite, relatively massive, becoming faintly fractured and foliated at 70-80° to cn. Epidote, 2-3%.
456.0

456.0 Shatter zone, (medium) dioro-andesite, med. earthy alteration.
456.6 Med. epidotization, silicification, and minor chlorite assoc'd with gradually increasing shattering. Carb. 20%. Minor earthy alteration from 460.0.
462.0

462.0 Dioro-Andesite (?), rel. massive, fine grained with few (10%) isolated fracture zones. Carb. 5%; Hem less than 1%.
492.6

492.6 Metasediments (?), highly siliceous, reddish grey, faintly banded at 45° to cn. The rock locally appears granitized. Cut by fine calcite stringers (2%), locally slightly fractured. Occasional minor development of earthy alteration.
550.0 Contact zone, fractured and locally brecciated. Includes short (few inches) sections of isolated angular fragments of volcanics material, felspar and carbonate (¼" fragments). Rock is still h. siliceous, grey, with dark chlorite patches (5%) containing siliceous fragments. Carb, 1-2%; qtz, 5%.
563.0

563.0 Dioro-andesite, (probably volcanics), upper contact strongly foliated at 45° to cn., epidotized, gradually becomes massive, with short foliated pahses (flow structures?) and abrupt change of grain size (fine to med.). Dark grey, hard, with carb. and hem. stringers (less than 1%/ and small, isolated patches of feldspathic material (less than 1%) and epidote stringers (less than 1%). Tr. diss. sulph.
634.5 1% cpy assoc'd with qtz stringer.
635.5 Carb. qtz and epidote stringer increase to 7%, forming a

Sheet No. | Hole No.

DESCRIPTION

fine, web-like network. Lower contact silicified and epidotized.
665.0

665.0 Granite, Pinkish-grey, mod. grained, massive, with frequent colour change. (pink, greenish, grey).
721.0

721.0 END OF HOLE

[signature]

The hole was collared on Ruby claim SSM 61116 drilled for 103 ft on this claim, projecting ~~118 ft~~ in New Senator Rouyn claim SSM 63386

140 in 63383
478 in 63386

D.D. #1 140' in 63383
478' in 63386
103' in 61116

Total 721'

DIAMOND DRILL LOG

ASSESSMENT WORK

PROPERTY: New Senator-Rouyn Limited HOLE NUMBER: N.S.2

LOCATION: Batchawana Bay, Ontario DIP TESTS 45° PDJAR

				Footage	Reading	Corrected
Latitude:	19.40 N	Dip:	90° ~~Paper 852'~~ N28½W	~~852'~~ 841'	N28½W	85°
Departure:	124.00 W	Depth:	842.0			
Elevation:		Commenced:	Sept. 25/63			
Azimuth:	N/A	Finished:	Sept Oct. 1/63	Logged by:	Ross Shields	

Ross C. Shields

SAMPLE NUMBER	DESCRIPTION
	0.0 Casing 12.0
	12.0 Volcanics, dark grey green, fine grained to aphanitic. 22.0
	22.0 Greyish pink felsophyre, pinkish white feldspar. Phenocrysts 1/32-1/16 inch in grain size and sub-rounded. Upper contact is obliterated in blocky core fragments (strongly jointed?). Lower contact at 75-80° to core normal with fine banding or flow lines or foliation? in felsophyre adjacent to contact. 41.0
	41.0 Volcanics, medium to dark green, some "pseudo" tuffaceous banding, fine grained to aphanitic. Lower contact lost in blocky core pieces, (strongly jointed) slightly calcareous along jointing S-planes. 136.0
	136.0 Pink felsite? or mylonitised, grano-injection material contains a few faint creamy pink phenocrysts or porphyroblasts of feldspar 1/10-3/32 inch in grain size in the pink aphanitic groundmass which becomes slightly more distinct under cold 1 - 1 HCl. Slightly calcareous throughout. 155.6
	155.6 Volcanics as at 41, slightly lighter grey green and with some rusty to orange-red carbonate veinlets along jointing S-planes, sidero dolomitic 1/16-1/4 inch thick. 173.5
	173.5 Pink felsite as at 136, with a few joint filling sidero dolomitic veinlets. 178.5
	178.5 Volcanics as at 41.0 and with some rusty to orange-red carbonate veinlets 1/16-1/4 inch thick. 252.0
	252.0 Brecciated pink felsite, mylonitic granite or granitic intrusive? material. Upper contact lost, lower contact at 45° to core normal. 255.5
	255.5 Strongly altered volcanics, brecciated or brecciated agglomerate light grey green, epidotised. Lower contact has some lower pink felsite worked up over a mixed volcanic and felsite length of 1 foot of core, contact indistinct. 272.5
	272.5 Pink shattered felsophyre, few white quartz phenocrysts sub-angular to sub-rounded, perhaps mylonitised granitic or granitic

DESCRIPTION

intrusive material.
279.7

279.7 Strongly altered volcanics, fractose andesite flow? slightly calcareous, perhaps agglomeratic.
309 - Perhaps finer flow top material becoming coarser towards
346 - Agglomeratic layer and/or pillow selvage? and inter-banded agglomerate and small pillows?
390 - Schistose volcanics.
391.8 - Well developed unsorted volcanic fragmental.
392.7 - Strongly altered volcanics as at 279.7, fractose with some white quartz carbonate veinlets 1/16-1/4 inch thick and numerous rusty red sidero dolomitic veinlets 1/16-1/4 inch thick.
463.7

463.7 Pink Felsite (or stressed granite?)
466 - Finely fractured pink felsite.
468 - Pink felsite as at 463.7.
470.0

470.0 Strongly altered volcanics, as at 279.7.
494.5 - Note shattered volcanic fragments with rusty sidero dolomitic cement.
495 - Shattered volcanics as at 470.
674.0

674.0 Mixed shattered volcanics as at 279.7, and granitic material matrix of breccia seems to range in particle size from rock flour fines to fragments several inches in size.
Shattered volcanics 80%.
Granite and/or pink felsite fragments 20%.
737.8

737.8 Shattered quartz material whether of sedimentary origin or representing quartz vein material is unknown to this writer.
749.0

749.0 Shattered granite 90% and inmixed volcanic fines 10%.
Size range of rock fragments rock flour to three or four inches.
775.0

775.0 Impure, faintly foliated, pink granite, foliation at 35-40° to core axis.
Note faint suggestion of granitic fragmental crystals in an impure, granite arkose plus tuff matrix, most pronounced at 780, 795 and 804, and also between 825 and 842.
842.0 - End of Hole.

Ross C. Shields

SSM-520

DIAMOND DRILL LOG

PROPERTY: New Senator-Rouyn Limited HOLE NUMBER: N.S.3

LOCATION: Batchawana Bay, Ontario

Latitude: S 36W Dip: 90° Acid Test at 400' DIP TESTS 89½ or 90° (Footage / Reading / Corrected)

Departure: 119 28W Depth: 402.5

Core Size: 1¼"

Elevation:

Azimuth: N/A Commenced: October 10, 1963

Finished: October 13, 1963 Logged by: Ross Shields

Ross C. Shields

SAMPLE NUMBER	DESCRIPTION
	0.0 Casing 1.0
	1.0 Zone of strong shattered volcanics Quartz carbonate 60% Medium to dark green volcanic fragments Chloritized in part 40% 41.0
	41.0 Volcanics, medium grey green slightly brecciated, very fine grained to aphanitic with trace amounts of copper as fine filament chalcopyrite stringers and minor fine disseminated chalcopyrite with some associated pyrite; minor amounts of epidotization; some faint "pseudo" tuffaceous or tuffaceous type banding which may be flow lines in andesite in perhaps a few instances. Faint brecciation outlined by fine filament quartz veinlets which are fairly abundant and some of which may be flow brecciation. However, the writer regards the zone as one of slightly brecciated tuffaceous volcanics. 157 - Mineralised brecciated volcanics with 1¢ iron spot of chalcopyrite and pyrrhotite intergrown. 158 - Volcanics as at 41. 199.5 - Mineralised brecciated volcanics with pyrrhotite and traces of chalcopyrite. 200.5- Volcanics as at 41. 212.4 -
	212.4 Coarser textured tuffs or andesitic? or diabasic with a few lenny zones of fine grained to aphanitic banded tuffaceous material; coarser massive zones have a texture similar to diabase or diabase gabbro, but more likely a coarser variety of tuff, perhaps with some recrystallization. There are some brecciated volcanic zones a few inches to several feet thick. 230 - Brecciated mineralised volcanics. 231.5 - Unmineralized brecciated volcanics. 234.8 - Coarser textured tuffs as at 212.4 with an appearance similar to diabase. At 248 - Note quartz and altered breccia (flow?) material; perhaps this interval is an andesitic flow, or perhaps pillowed lava; quartz and breccia between 248 and 248.8 resembles pillow selvage material.

ASSESSMENT WORK

SSM-520

DESCRIPTION

248.8

248.8 Volcanics with tuffaceous or pseudo tuffaceous banding, finely contorted in some places as at 261.5 and 308, medium to dark bluish grey green, fine grained to aphanitic in places.
At 306.5 - Note minor brecciation giving truncated banding; zone is essentially unmineralized except for traces of pyrrhotite associated with some quartz and carbonate and feldspar in some of the zones of weak brecciation.
Volcanics with tuffaceous banding continued -
Faint traces of chalcopyrite occur with some of the pyrrhotite mineralization. Fairly numerous jointing S planes of brecciation with quartz and quartz carbonate, fine filament veinlets 1/16-1/4 inches thick.
At 343, a 4 inch thick quartz veinlet with some carbonate and a few volcanic fragments.

357

357 Banded pseudo porphyritic, tuff with insettled pseudo phenocrysts of creamy white to pink feldspar (arkosic material) unmineralized.
This is an ideal intermediate type between banded tuff and arkosic granite. Increased feldspar content with quartz would probably be logged by this writer as impure arkosic granite with some insettled volcanic fines, but lacking well developed bedding which is readily evident here by reason of the relative abundance of volcanic fines which tend to display pronounced banding wherecoarse arkosic material is unlikely to give more than traces of bedding anymore than a pile of marbles would.
402.5 - End of Hole.

Ross C. Shields

SEP 20 1

DIAMOND DRILL LOG

PROPERTY: New Senator Rouyn Limited,

HOLE NUMBER: SS-4

LOCATION:

Latitude: 2000'N

Departure: 16800 W,

Elevation:

Azimuth: 180°

Dip: 45°

Depth: 882.5'

Commenced: Oct. 18, 1963

Finished: Nov. 4, 1963

DIP TESTS

Footage	Reading	Corrected
600'		38°

Logged by: M. Blecha

Kathleen Mueller

SAMPLE NUMBER	DESCRIPTION
	0.0 Casing 10.0
	10.0 Gabbro. Fine to medium grained, dark green, massive. Qtz-carbonate stringers less than 1%.
	53.0 Granite. Red, medium-coarse grained, massive. 55% red feldspar, 40% quartz, 5% chloritised mafics.
	87.8 Highly altered, (earthy), core partly disintegrated
	88.0 Granite, massive and fresh, as at 53.0. Locally slightly fractured, less than 1% qtz stringers.
	162.0 Granite, fresh and massive. Increase in chloritised mafics to 15%.
	177.0 Granite, as above, but with numerous sericitized slip planes at 45-50° c.n.
	183.0 Granite, gradually becoming less fractured; colour changes to pale pinkish grey, due to decrease in red feldspar to 5-10%.
	204.7 Trap dyke, medium sheared, highly chloritized. Contacts parralel to shearing at 60° c.n.
	209.5 Granite, massive, fresh, medium grained. 30% qtz, 10-15% chloritised mafics, 60% feldspar. Frequent changes in colour from pinkish-grey to red, and variable amount of mafics (5-20%).
	260.0 Granite, red, massive and fresh, as at 53.0
	325.0 Granite, red, massive and fresh, 45% qtz, 5-7% chloritised mafics. Note a 1" soft, highly chloritised dykelet at 45° c.n. at 340.7, and a 4" highly chloritised basic dykelet at 60° c.n. at 342.0'.
	347.7 Trap Dyke. Very fine grained-aphanitic, massive, fresh dark grey. Sharp contacts at 30° and 40° c.n. One inch granitic inclusion above lower contact. 347.7
	354.3 Granite, red, medium grained, fresh, massive. 257.0
	357.0 Trap Dyke, as at 347.7'. Sharp upper contact at 30° c.n., lower contactat 40° c.n. Slighly chloritised near lower end. 363.8
	363.8 Granite, as at 354.3 370.0
	370.0 Trap Dyke, slightly fractured, medium epidotised. Contains a 0.5' foliated (50° c.n.) inclusion of fine grained syenite. Minor red feldspathic alteration. (cont'd)

Quartz-carb-hem. stringers 2-3%. Trace cpy from 378-379'.
380.0
380.0 Granite, as at 354.3'.
383.8
383.8 Gabbro, fine grained, diabasic texture, dark green, massive, 2-3% quartz-carbonate-filled fractures (1-20 mm), with traces of py and cpy. Few minor patches of feldspathic alteration. becomes medium grained from 400.5' on.
405.5 Gabbro, as above, but feldspathic constituents partly stained red. Qtz-carb-hem. stringers 2-3%.
409.0
409.0 Sheared and brecciated zone. High shearing at 60° c.n., high chloritization, carbonate 20%, high hematite staining.
412.0 fine-medium grained, dark green, massive, fresh.
422.0 Gabbro fine-medium grained, dark green, massive, fresh.
435.5 gabbro, as above, but medium shattered, with 20% qtz-carb-hem. stringers.
437.0 Gabbro, as at 412.0'. Few minor patches of reddish feldspathic alteration near end.
450.0 Syenitic dykelet, fine grained. 50% lost core.
450.5 Gabbro-volcanics (?), very fine grained, dark grey, slightly shattered. 2-3% qtz-carb-hem stringers. Becomes highly chloritized near lower end.
466.1
466.1 Granite, medium grained, red, massive, fresh.
469.0 Granite, highly altered, chloritized, with 5-7% disseminated pyrite.
470.0 Highly chloritized, medium shattered zone. (volc.?)
471.0 Granite, as at 466.1
473.0
473.0 Trap Dyke, very fine grained, dark green, sharp, chilled upper contact at 70° c.n., irregular lower contact.
474.6
474.6 Granite, medium grained, fresh, massive.
480.7
480.7 Trap Dyke, fine grained, massive, cut by few hair-thin, hematite-filled fractures.
483.0
483.0 Granite, as at 474.6, with few minor syenitic phases.
509.?
509.? Diabase Dyke. Fine grained, fresh, massive, cut by 1% hematite-filled fractures. Sharp, chilled contacts, upper irregular, lower at 65° c.n.
517.2
517.2 Granite, as at 474.6
522.7
522.7 Diabase Gabbro, fine grained, dark green, occasionally stained red, massive, fresh. Carb-hematite -filled fractures-1-2%. Chilled irregular upper contact. Few granitic inclusions above irregular lower contact.
555.9
555.9 Granite, as at 474.6
574.0
574.0 Diabase Dyke. Fine grained, massive, becoming strongly shattered and fractured and carbonatised from 577'.up. Hem-filled fractures 2-3%.
578.6

578.6 Granite, as at 474.6, but slighthly fractured. Minor local brecciation at 585'-586'. Qtz stringers 2-3%.
600.7
600.7 Shatter Zone. Abrupt upper contact, First 3" highly brecciated, with 80% angular granitic fragments (1-20mm) in an aphanitic, basic matrix. At 601.2' a 3" grey, massive, porphyritic dykelet.
601.3 Core badly broken up.
602.0 Highly shattered, high hematite staining of a fine grained, basic host. Few isolated fragments of granitic material. Carbonate 10%. - the material, Carbonate 10%
613.0 Shattering decreases to low. Fine grained basic host (diabase?), medium chloritized; carb-hem stringers 2-3%. Few minor traces of pyrite along fractures.
At 617.5' a 3" strongly shattered, carbonate-rich zone.
620.0 Diabase (?) becomes less altered, but still slightly fractured. Carb-hem 10%.
639.0 Highly shattered zone; qtz 35%, carbonate 1-2%, high chloritization of fine grained, basic matrix.
655.0 Relatively massive, highly chloritized, dark green, fine grained, basic (volc?) rock. Qtz-carb 5%.
656.5 Highly altered, shattered zone, soft, reddish-brown altered rock, highly chloritized; qtz-carb 15%.
664.5 Highly shattered and brecciated silicified zone. Qtz 40%, carbonate 5%, high patchy chloritization.
677.0 Highly shattered zone, highly chloritized, high hematite staining. Qtz-carb. 10%.
686.0 Medium shatter, high patchy silicification, high silicification, low hematite staining. Qtz-carb. stringers 10%.
695.0 High shatter, low hematite staining, high silicification, qtz-carb 15-20%.
718.0 Rel. massive, slightly fractured, medium chloritized greenish grey, fine grained rock (volc?).
720.0 Highly shattered zone, highly siliceous, low hem. staining, qtz 20%, carbonate 5%.
723.5 Highly shattered zone, core partly broken up, high hematite staining, qtz-carb 20%.
728.3 Low-medium shatter, low chloritization of a fine grained, gabbroic host. Rock is dark, reddish green, medium hematite staining, Qtz-carbonate 5-7%, hematite stringers 10 %, ; the zone contains a highly brecciated, highly chloritized section from 741'-742'.
762.0 Medium shatter, siliceous, qtz-carb-hematite stringers 5%.
768.5 Maidum-low shattering, high silicification of a fin e grained, very hard, pale green host. Minor patchy chloritisation. Qtz-carb-hem stringers 5%.
787.5 Relatively massive, dark green, fine grained, hard (siliceous) rock, cut by 1-2% hair-thin hematite stringers
791.7 Low shattering of a gabbroic rock; fine grained, dark reddish green due to hematite staining of felispar constituents. Qtz-carb-hematite stringers 5%.
800.0 Gabbro, slightly shattered, fine-medium grained, dark reddish green, as above. Qtz-carb-hem stringers 1-2%.
812.5

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Sheet No. Hole No. MS-1

DESCRIPTION

812.5 Low shatter of gabbroic host; medium hematite staining, qtz-carb-hem stringers 5%. Contains a highly brecciated zone from 821.5 to 822.0, in which 50% reddish angular fragments (1-20mm) are embedded in a fine grained highly chloritized matrix.

826.3 Massive, fine grained-aphanitic, highly siliceous dark reddish green rock, cut by 1% qtz-carb-hematite stringers.

830.5 Medium shattered zone, medium hematite staining dark green, fine grained, medium chloritized host.

835.5 Zone of high alteration and brecciation. 60% highly sericitized & chloritized fragments (1-40mm), in a qtz-carbonate matrix (40%). From 836.5 a 0.8' wide zone of high hematite staining, followed by a 4" zone of high fracturing and chloritization.

(838.0) 836.0

838.0 Gabbro. Massive, fine-medium grained, uniform texture, very hard, fresh. Trace pyrite along fractures. Minor streaks and patches of reddish feldspathic alteration.

853.4 Altered gabbro, medium epidotized, 5% finely disseminated pyrite, 5%-10% finely disseminated magnetite.

855.0 Gabbro, as at 838.0 Less than 1% disseminated py, note a 2" zone of silicification at 862.5 Minor streaks of feldspathic alteration.

867.0 Core badly broken up (bad drilling)

869.4 Volcanics (?) very fine grained, massive, hard, local faint foliation at 30° c.n. (flow structure?) Minor patches of greyish feldspathic alteration.

(882.5)
882.5 End of Hole

SSM-520

DIAMOND DRILL LOG

NS-5

PROPERTY: New Senator Rouyn Limited,

HOLE NUMBER NS-5

LOCATION: Batchawana Bay, Ontario

DIP TESTS

			Footage	Reading	Corrected
Latitude: 1200 N	Dip: -45°				
Departure: 172 00 W	Depth: 699.0'		680.0	45°	42° 30'
Elevation	Commenced: Nov. 20, 1963				
Azimuth 0°	Finished: Nov. 26, 1963		Logged by: Matthew Blecha		

SAMPLE NUMBER	DESCRIPTION
	0.0 Casing 32.0
	32.0 Quartz-Porphyry. Pale reddish brown, relatively fresh, massive, acidic rock. 30% anhedral, rounded qtz pseudophenocrysts (1-4mm) in an aphanitic matrix. Medium fractured, core broken up between 32.5 - 34.0. 5% qtz stringers. 39.0 Q-porphyry, as above, but rock is becoming greenish, due to medium sericitization of the matrix. 39.7 Mineralized zone. 8-10% galena, 2-3% sphalerite, associated with QC stringers in a sericitized Q-porphyry, as above. Total QC: 15%. 46.7 Q- Porphyry, sericitized, as at 39.0 Note 1-2" zones of highly altered (chloritized and sericitized) Q-porphyry, with relatively sharp contacts. 2-3% disseminated py. 49.0 Qtz Porphyry, becoming relatively fresh, except for minor sericitized patches. Minor fracturing, with chlorite along fracture planes. QC stringers 1-2%. tr. py. 50.0
	50.0 Zone of alteration. Fine grained, greenish grey, soft, faintly foliated at 30° c.a. Medium chloritization and sericitization. The rock is mottled with 2-3% leucoxene. Minor local silicification, with traces of py. 51.5 As above, but rock becomes hard, fractured, and faintly crowded. Due to feldspathic alteration. From 52.0 on, the rock becomes faintly porphyritic, with 15% anhedral, pale brown, feldspar phenocrysts in a fine grained, dark green, slightly chloritized matrix. 2-3% py mostly associated with qtz. stringers. Qtz. 1-2%. Core broken up from 55.0 - 56.0'. 59.0 Highly altered zone. High - medium chloritization, rock is soft, dark green, cut by 5-7% qtz stringers, mostly at 60° c.a. Note high shearing at 59° c.a. at 61.0'. 62.7 Alteration decreases to low, rock becomes distinctly porphyritic, with 30% brownish phenocrysts in a dark green matrix. Cut by 5-7% QC stringers and patches, some offset by minor faulting, which gives the rock a brecciated appearance. Low sericitization, minor feldspathic alteration. Tr. py. Note: The nature of this rock (49.1 - 62.7) is uncertain. The "pseudophenocrysts" could also be interpreted as calcite particles of a medium to coarse grained sedimentary rock. 62.7
	62.7 Volcanics. Dark green, fine grained, to aphanitic, relatively massive, and fresh. Cut by 1-2% qtz stringers, at random angles, some with associated pyrite, and by less than 1% carbonate

ASSESSMENT WORK

Sheet No. 2 Hole No. [illegible]

DESCRIPTION

and hematite stringers. Minor patches of brownish feldspathic alteration. Note zone of medium chloritization between 96.0 and 10[illegible].0 with minor streaks of fine magnetite.

10[illegible].6 Volcanics (gabbro?), Rock becomes fine to medium grained, relatively fresh and massive, except for the first 2-3 feet which are medium chloritized. Includes minor zones of faintly foliated rock (20-30°c.a.) suggesting flow structure. From 108.0 on, white feldspar constituents (20-30%) become prominent. Cut by 1-2% qtz stringers, some with associated py. Note ½" qtz stringer with 50% py at 85°c.a. from 109.0 to 111.0. Less than 1% magn.

[illegible] Volcanics (gabbro?), as above but white feldspar constituents absent. The rock gradually becomes finer grained, and locally faintly foliated at 20-30°c.a. QC less than 1%; note a ½" irregular qtz stringer with 3% py and tr. cpy at 164.7 to 166.0 and from 168.0 to 169.0.

170.0 Volcanics. Fine grained; distinct (tuffaceous) banding at 10°c.a. Low chloritization, 5% qtz stringers, with tr. cpy. Minor brown feldspathic alteration.

[illegible] Mineralized Zone. 1% cpy, 1-2% py associated with a qtz stringer parallel to core, in fine grained volcanics, as above.

18[illegible] Volcanics, as above, cut by minor QC stringers parallel to core, with 1% py from 189.0 to 190.0

19[illegible] Volcanics. 10-15% Qc stringers and patches, tr. py.

19[illegible] Volcanics, fine grained, fresh and massive, except for minor local fragmentation, and feldspathic alteration.

21[illegible] Volcanics (gabbro?) dark green, massive and fresh, very gradually becoming slightly coarser, but still rel. fine grained. Few minor slightly chloritized phases. Minor patches of feldspathic alteration, tr. py. Note a 2" QC-rich breccia zone at 228.5, with broken up core. Note a 5' section of broken up core, sheared at 55°c.a., with QC stringers parallel to the ring at 255.0, tr. py. Rock gradually becomes very fine grained near end of section.

27[illegible] Mineralized Zone. 3-5% py, tr. cpy, in a qtz stringer, parallel to core. Minor epidotization, and incipient brecciation. Minor red feldspathic staining.

2[illegible] Volcanics, very fine grained, with minor local slightly coarser grained phases. 1% py, 1-2% qtz stringers and patches, some offset by minor faulting. Tr. cpy in qtz stringer at 300.5. Tr. magnetite.

[illegible] Shatter Zone. 5-7% QC stringers in a low to medium chloritized, fine grained basic rock. (volc?) 1-3% disseminated py. From 325.0 on rock becomes medium to highly silicified. Note two generations of fracturing at [illegible]: a qtz stringer slightly displaced by a later carbonate-filled fracture.

[illegible]

[illegible] Volcanics (gabbro?) Fine grained, becoming relatively massive, cut by 5-7% qtz stringers and patches (first generation), and by minor 1-2%, later carbonate-filled fractures, some offsetting the qtz stringers. Minor short zones of high alteration, (chloritization and sericitization) associated with carbonate-filled fractures. 1% py along fractures.

[illegible]

SSM-520

Sheet No

Hole No NS-5

DESCRIPTION

Shatter Medium

372.7 Shatter Zone. Medium shattering; fine grained, basic (volc.) rock. Cut by 5% carb., 5-7% qtz, and minor hematite-stained stringers at random angles. Note a 2" zone of high brecciation at 372.7, consisting of 80 % angular fragments (5-20 mm) of basic and felsitic rock embedded in a chloritized and silicified matrix. From 372.7 to 375.2 the rock is cut by 40% QC stringers, which isolate fragments of the host rock into separate, angular particles, giving the rock a brecciated appearance. Patchy medium chloritization, and brown microscopic alteration.

375.2 Core badly broken up. Fragments consist of a fine grained, highly chloritized, occ. brecciated rock.

379.5 Shatter zone as at 372.7. 10% carbonate, medium patchy chloritization, and silicification of a basic fine grained host. Note a 2" QC stringer at 80°c.n. from 383.0 to 384.0, with minor embedded fragments of the host rock.

391.5 Shattering decreases to low, and rock changes colour to reddish green, due to hematite staining of feldspar constituents. Relatively hard, low chloritization, cut by 3-4% carbonate stringers, and 10-15% fine hematite stringers at random angles. Less than 1% anhorite (talc?) filled fractures. 1-2% py along fractures. From about 402.0 the host very gradually becomes slightly coarser grained, but still rel. fine. Core broken up from 392.0 to 393.3.

423.0 As above, but rock becomes highly chloritized and sheared at 65°c.n. Hem 20%, Carb 5%.

425.0 Shatter Zone as at 391.5. Low shattering, almost massive, rock, cut by 2-3% carb. stringers, 5% hematite stringers. High hematite staining gives the rock a dark greenish red colour. Hard, relatively fresh, with only a few minor chloritized stringers and patches.

451.0 As above, but core badly broken up. Minor magnetite.

452.0 Shatter Zone. Low shattering, almost massive. Hematite staining disappears, and the rock is green, hard, very fine grained, to aphanitic. Cut by 1-2% carbonate stringers, 5% hematite stringers.

478.4 Shattering gradually increases to medium. Carb. 5%, hem. 10%. Short sections of broken up core fro, 478.4-479.0, and 480.6-481.8 The host gradually becomes slightly coarser, but still rel. fine. (probably a patch) Low to medium chloritization, with occasional highly chloritized slip planes and short (few inch) chloritized zones, usually associated with carbonate stringers. 1% py.

501.4 Shattering gradually decreases to low, and rock becomes very fine grained. QC 1%, hem 3-5%. Low chloritization, with occasional highly chloritized slip planes.

542.3 Low shattering, colour of host changes to greenish brown, due to 85% indistinct, fractured, felspathic brown, fragments. QC 1-2%, hematite 2-3%.

550.0 Highly shattered zone. 30% red, hematite-stained, angular patches and streaks, 5% highly sericitized streaks, in a highly chloritized matrix. Cut by 10% QC stringers, mostly oriented at 50°c.n.

553.1 Low shatter. Dacitic host. Fine to medium grained, 45-50% red stained feldspar constituents; low - medium chloritization. QC stringers 2-3%, hem. 7-10%, py 1%. Core broken up from 562.0 to 563.5, and from 575.2 to 576.2

577.0 Low shatter, as above, but rock highly chloritized.
579.0

DESCRIPTION

579.0 Gabbro. Fine grained, relatively fresh, almost massive. Hem. stringers 3%, minor chloritic stringers 1-2%.
581.5 Shatter Zone. Medium shatter, chloritization increases to high. Carb. stringers 7-8%, hematite 10%. From 585.0 to 586.0 the rock is brecciated; consists of 80% fractured, angular fragments of very soft, brown, aphanitic material in a chloritic matrix.
589.0

589.0 Zone of High Shattering and High Alteration. High chloritization, core partly broken up.
591.5 Lost core.
592.5 High shatter. Rock disintegrated, brown, and muddy.
593.5 Highly shattered and chloritized zone. Dark green, soft, fine grained, QC stringers 10%, hematite 5%, Note brown, finely crystalline, euhedral carbonate along a ¼" stringer parallel to core at 594.0'
596.0 Medium Shattered Zone. Fine grained, reddish brown, hematite-stained rock. QC 10%, hematite 3-4%, core partly broken up.
611.0 Highly shattered Zone. High chloritization, and hematite staining. Rock is greenish brown, very soft, locally brecciated with angular fragments of altered reddish brown material in a chloritic matrix. QC 10%, Hem 5%.
623.2

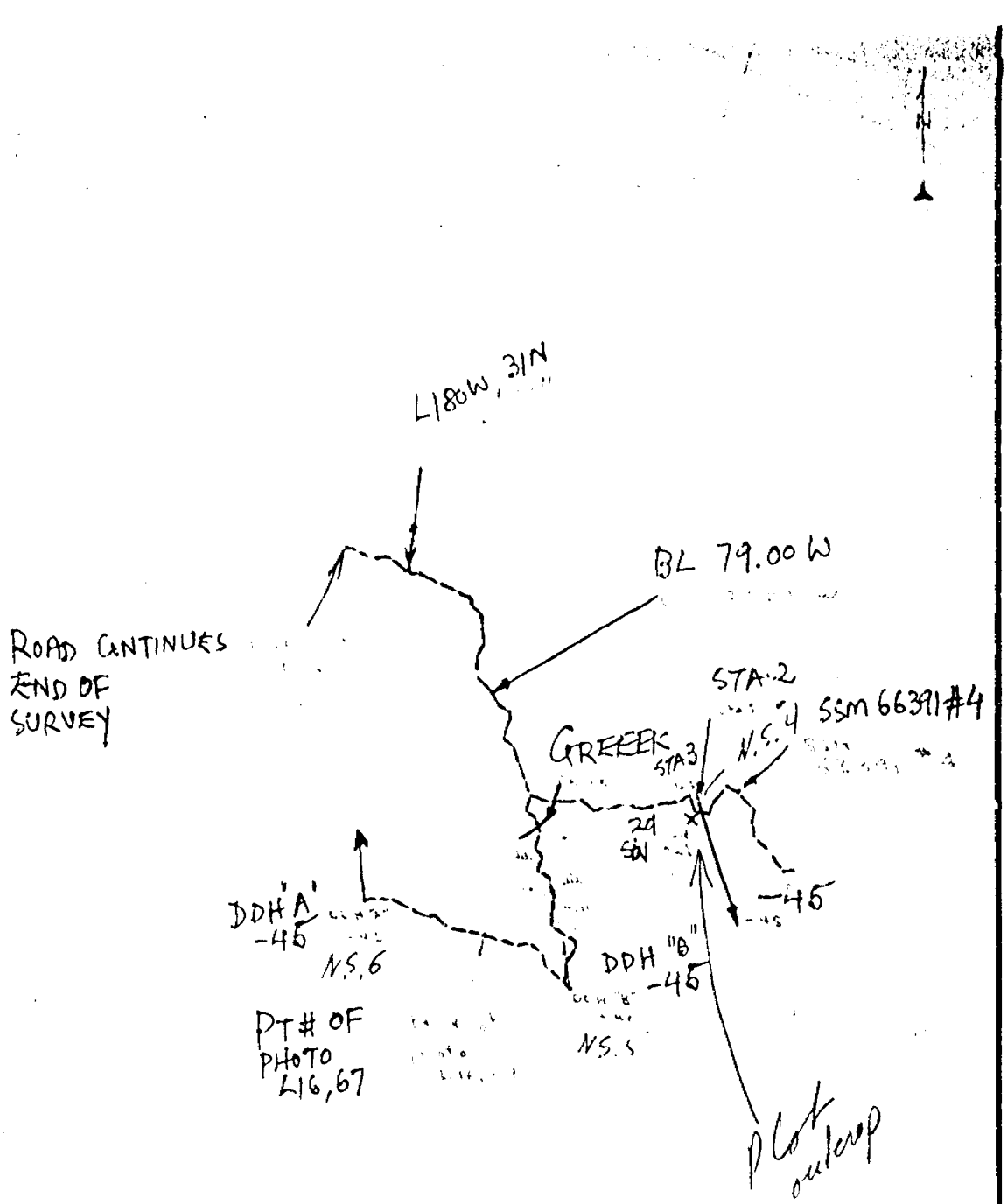
623.2 Brecciated Zone. Angular and subrounded fragments of soft, reddish material (2-50 mm) in a fine grained matrix. Interstitial carbonate and qtz 15%. High hematite staining.
637.0 As above, but with 30-40% white, reddish carbonate, with a distinctly platy habit. Vuggy in places. Brecciation obscured by introduced carbonate.
641.5 Brecciated Zone, as at 623.2 Core partly broken up. Gradually becoming massive at 645.0
646.5

646.5 Granite. Sharp upper contact at 20° c.a. Red, medium to coarse grained, consisting of 30-35% qtz eyes (2-6 mm), 60% red feldspar, and 5% chloritized mafics. Generally massive, except for a few, narrow (¼") brecciated zones in the first 10 feet. Cut by 1-2% QC stringers. Minor fracturing, with minor earthy alteration of fracture planes. Note a 0.5' trap (sharp, irreg. contacts), cut by a 1" carb stringer, at 695.2'.
699.0

699.0 End of Hole.

Nathan Rubidge

SSM-520


N
L180W, 31N
BL 79.00 W
ROAD CONTINUES
END OF
SURVEY
STA-2
SSM 66391#4
GREEEK STA3
N.S.4
29
SW
-45
DDH 'A'
-45
N.S.6
DDH "B"
-45
N.S.5
PT# OF
PHOTO
L16,67
pCot outcrop

DIAMOND DRILL LOG

PROPERTY: New Senator-rouyn Co. Ltd., **Hole No. NS-7**

Location: Batchawana Bay,
Twp.28, Range 13,
Claim 63384,
L 116W, 650' North

Started: June 20, 1965
Compl'd: June 25, 1965

Streike: N50°W,
Dip: -47°
Length: 519.1'
Core: AXT

Logged by Lloyd Koskitalo

0.0' Casing
10.0'

10.0' Basic volcanics, (andesite?). Med. gr'd, greenish-black, locally porphyritic, (2mm pheno's), massive & fresh.
23.0 As above, becoming paler green.
40.0

40.0' Quartz vein, grey & milky, with 5% green volcanic fragments 4" in diam.
50.7

50.7' Shatter Zone. Weak shattering of volcanic & felsitic host rock. Cut by 4% qtz stringers, mostly at 0-45° c.n. Low alteration.
93.0

93.0' Basic volcanics, as at 10.0'. Cut by narrow qtz stringers at random angles (qtz 2%). Low alteration.
179.0'

179.0' Zone of shearing and shattering. Basaltic host, 5% quartz-carbonate, mineralized with 4-5% pyrite crystals.
183.0'

183.0' Volcanics, fine gr'd, green, low alteration. Note scattered white (kaolinized?) feldspar pheno's. 3& qtz.
269.0

269.0 Shatter Zone, weak shatter of a fine grained, greyish-brown felsitic rock. 5% qtz.
Shattering increases to high, 85% qtz, with tr. pyrite.
321.0'

321.0 Volcanics. 60% fine gr'd, green, basic volc's interbedded with 35% acidic material. Cut by 5% qtz stringers; low later'n.
345.0'

345.0' Mineralized Zone. 2% cpy, 1-2% py in fine specks & stringers, in basic volcanics as before.
347.5

347.5' Volcanics, green, fine gr'd, as before.
367.8 Felsite, brownish pink, aphanitic, 3% qtz stringers.
382.0 Volcanics, as at 347.5
390.6

390.6 Shatter Zone, basic volc. host, 15-20% quartz, stained by hematite; mostly at 65°c.c., avge width less than ½". Tr. py.
398.0

SSM-520

Lloyd Koskitalo

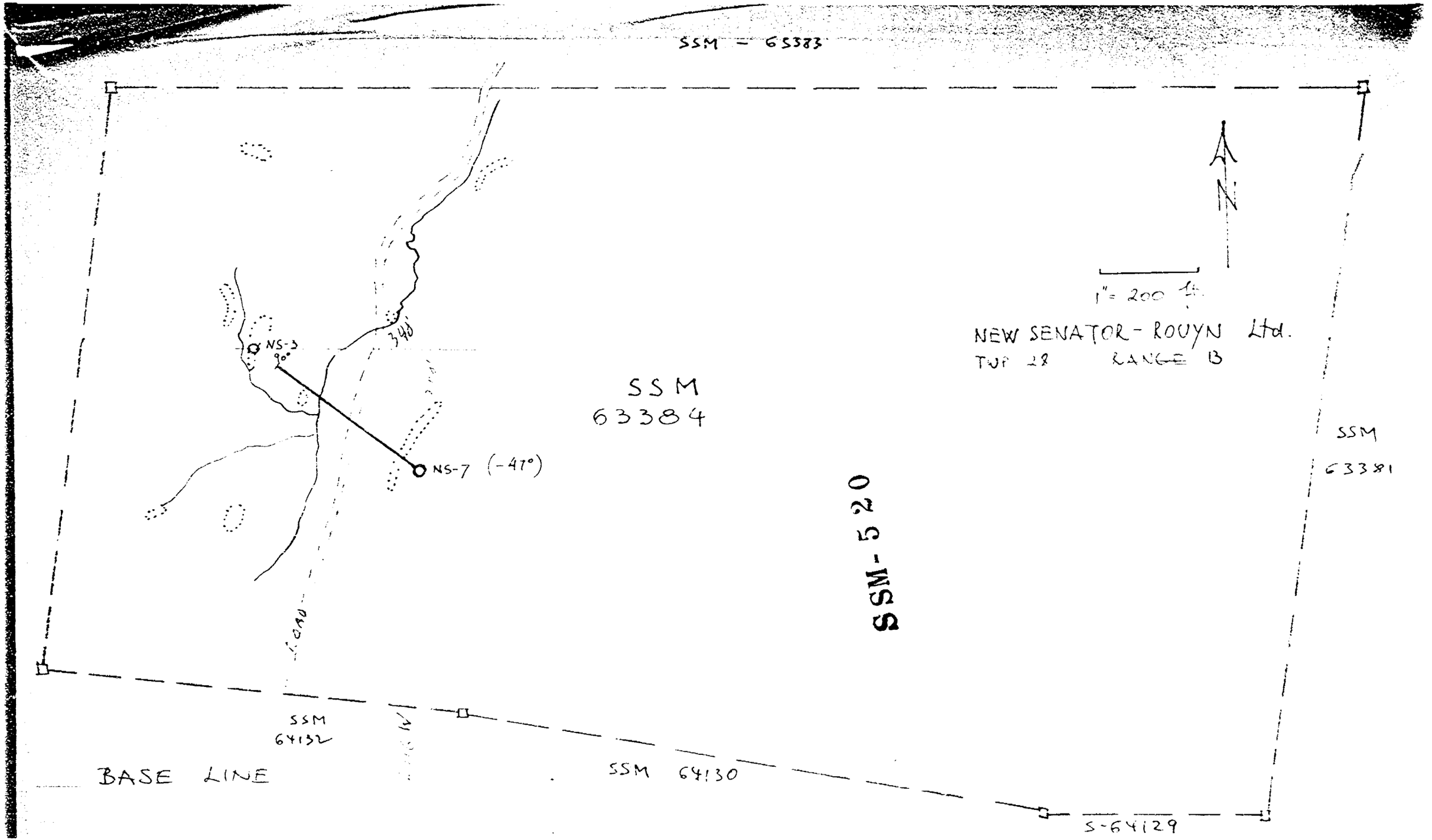
398.0 Volcanics, as at 347.5. Note a shear zone from 414$ to 416', with 5% qtz stringers at 60°c.n.
From 427.0 to 428.7 strongly shattered, 30% qtz-carb., fairly highly altered. Tr. py.
From 482.5 to 485.0 sheared and shattered zone with 35% qtz, min'd with 5% py
Note a qtz vein at 504.8 to 505.0', milky, with 5% green, volcanic fragments.
519.0

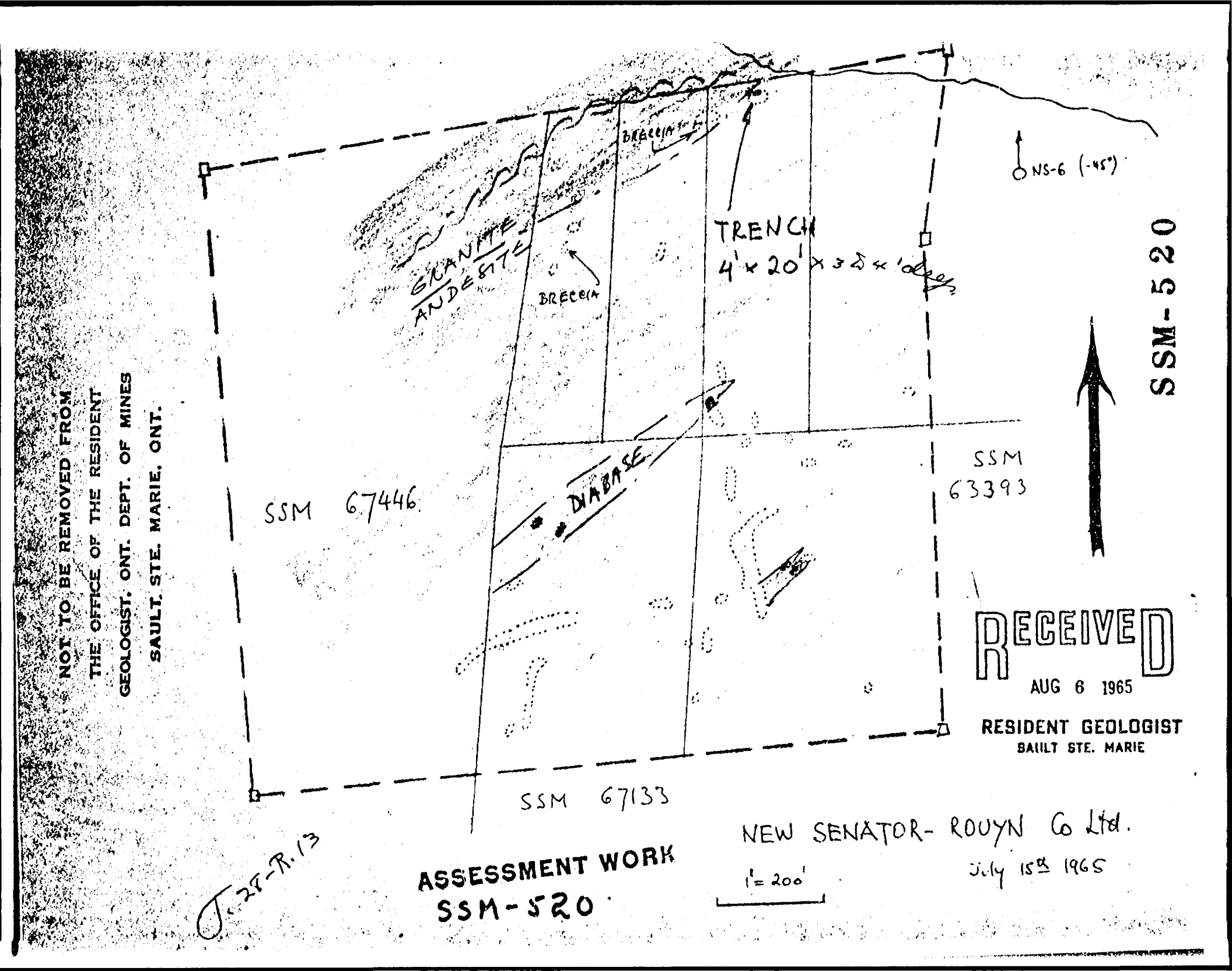
519.0' End of hole.

Core stored at bases de Trilog.

Lloyd Kostiuk

SSM – 65383


NS-3
340°
NS-7 (-47°)
SSM
63384
SSM-520
1" = 200 ft.
NEW SENATOR - ROUYN Ltd.
TWP 28 RANGE B
SSM
63381
ROAD
SSM
64132
BASE LINE
SSM 64130
S-64129


NOT TO BE REMOVED FROM
THE OFFICE OF THE RESIDENT
GEOLOGIST, ONT. DEPT. OF MINES
SAULT STE. MARIE, ONT.
BRECCIA
GRANITE
ANDESITE
BRECCIA
TRENCH
4' x 20' x 3' x 1' deep
NS-6 (-45°)
SSM-520
SSM 67446
DIABASE
SSM
63393
SSM 67133
RECEIVED
AUG 6 1965
RESIDENT GEOLOGIST
SAULT STE. MARIE
J.-25-R.13
ASSESSMENT WORK
SSM-520
1" = 200'
NEW SENATOR-ROUYN Co Ltd.
July 15th 1965

41N02SE0159 NICOLET17A1 NICOLET

900

ONT O

#89

A separate form is required for each type of work to be recorded.

THE MINING ACT REPORT OF WORK

To the Recorder of ....Sault Ste. Marie.... Mining Division

I, ...New Senator-Rouyn Ltd.... name of Recorded Holder ....A36471.... Miner's Licence

....2nd. Floor, 931 Yonge St., Toronto.... Post Office Address

do hereby report the performance of ....204.... days of ~~Power stripping~~ Bull Dozing type of work

not before reported to be applied on the following contiguous claims

Claim No.	Days	Claim No.	Days	Claim No.	Days
SSM 67133	1	SSM 64135	1	SSM 63432	1
SSM 67134	1	SSM 64132	1	SSM 63380	1
SSM 63395	1	SSM 64134	1	SSM 206814	5
SSM 63396	1	SSM 63384	1	SSM 206813	5
SSM 64139	1	SSM 63383	1	SSM 206810	5
SSM 64136	1	SSM 63381	1	SSM 206809	5

TWP 28 R. 13

All the work was performed on Mining Claim (s) ....See also attached schedule....
(In the case of geological and/or geophysical survey (s) where more than 18 claims are involved attach a schedule)

READ CAREFULLY: THE FOLLOWING INFORMATION IS REQUIRED BY THE MINING RECORDER.

For Manual Work, Stripping or Opening up of Mines, Sinking Shafts or Other Actual Mining Operations – Names and addresses of the men who performed the work and the dates and hours of their employment.
For Diamond and other Core Drilling - Footage, No. and angle of holes and diameter of core. Name and address of owner or operator of drill. Dates when drilling was done. Signed core log and sketch in duplicate.
For Compressed Air or Other Power Driven or Mechanical Equipment
Type of drill or equipment. Names and addresses of men engaged in operating equipment and the dates and hours of their employment.
For Power Stripping - Type of equipment. Name and address of owner or operator. Amount expended. Dates on which work was done. Proof of actual cost must be submitted within 30 days of recording.
With each of the above types of work sketches are required to show the location and extent of the work in relation to the nearest claim post. In the case of diamond or other core drilling the sketch must be submitted in duplicate.
For Geological and Geophysical Survey - The names and addresses of men employed as well as dates. Type of instrument used in the case of geophysical survey. Reports and maps in duplicate must be filed with the Minister within 60 days of recording.
For Land Survey - the name and address of Ontario Land surveyor.

The Required Information is as Follows: (Attach a list if this space is insufficient)

Power stripping was done with a TD9 International bulldozer owned and operated by Mr. D. Cain, R.R.2, Sault Ste. Marie, Ontario in September and October 1971 at a cost of $2040.00

Talbot Twp. (PALMER TWP)
Twp 27 R 13 (TWP 27 - R. 13)
Twp 28 R 13 (TWP. 28 - R. 13)

Date ....Nov. 30/1971....

NEW SENATOR-ROUYN LIMITED

....Signature of Recorded Holder or Agent

The Mining Act
Certificate Verifying Report of Work

I, ...Ross Strong....

....9 Kimberley Ave., Toronto.... (Post Office Address)

hereby certify:

1. That I have a personal and intimate knowledge of the facts set forth in the report of work annexed hereto, having performed the work or witnessed some during and/or after its completion.
2. That the annexed report is true.

Dated ....November 17.... 1971....

....Signature

THE PENALTY FOR MAKING A FALSE STATEMENT IN THIS REPORT AND/OR CERTIFICATE IS $500. OR SIX MONTHS IMPRISONMENT OR BOTH

Spare

File on SSM 63381
FILE ON SSM 63381

Schedule of work

Report of work performance to be applied on the following claims:

Claim No.	Days	Claim No.	Days	Claim No.	Days
SSM 206808	5	SSM 206792	6	SSM 206801	6
SSM 206811	5	SSM 206793	6	SSM 206802	6
SSM 206812	5	SSM 206794	6	SSM 206803	6
SSM 206804	5	SSM 206795	6	SSM 206805	6
SSM 206786	6	SSM 206796	6	SSM 206806	6
SSM 206787	6	SSM 206797	6	SSM 206807	6
SSM 206788	6	SSM 206798	6	SSM 206815	6
SSM 206789	6	SSM 206799	6	SSM 206814	6
SSM 206790	6	SSM 206800	6	SSM 206915	6
SSM 206791	6			SSM 206916	6

All work was performed on Mining Claims

Claim No.	Days	Date
SSM 63381	38.4	Sept. 22,23,24,25, 197
SSM 63383	19.2	Sept. 26,27, 197
SSM 63384	19.2	Oct. 18,19, 197
SSM 63395	28.8	Oct. 4,5,6, 197
SSM 63432	14.4	Oct. 20,21, 197
SSM 64132	24	Oct. 15,16,17, 197
SSM 64135	6	Oct. 18 197
SSM 67133	44.4	Oct. 7,9,10,13,14, 197
SSM 67134	9.6	Oct. 8, 197
Total	204.0	

Nov 17, 1971

SSM-520

PHONE I R 2L 96 Trout Lake Rd.

RR# 2. ~~SOUTH PORCUPINE~~ ~~SCHUMACHER~~ ~~BEARDMORE~~ ~~SUDBURY~~ ~~SOUTH~~ ~~SCHREIBER~~ ~~PORCUPINE~~ ~~SUDBURY MINES~~ ~~ONT~~ ~~BEAUCE MINES~~ Oct 26 1971

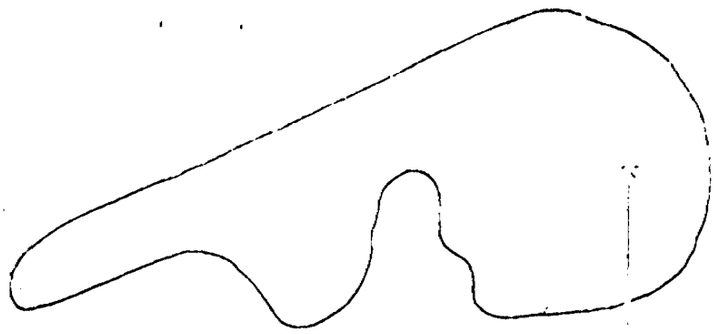
M New Senator - Rouyn Ltd.
2nd floor - 931 Yonge St Toronto.

IN ACCOUNT WITH

D. W. CAIN

TRUCKING AND BULLDOZING

170	hrs	Bulldozing @	12.00	$	2,040	00
		Transportation			$ 102	00
Helper. 9 days @			$ 20.00		$ 180	00
		Total -		$	2,322.	00
		Less Cheque Rec.			$ 561.	00
		Balance due.		$	1,761.	00
		Pd by Check				



BULLDOZED AREA 10,000 Sq.ft. x Avg. 3' Deep

N

CLAIM
SSM 63381

400'

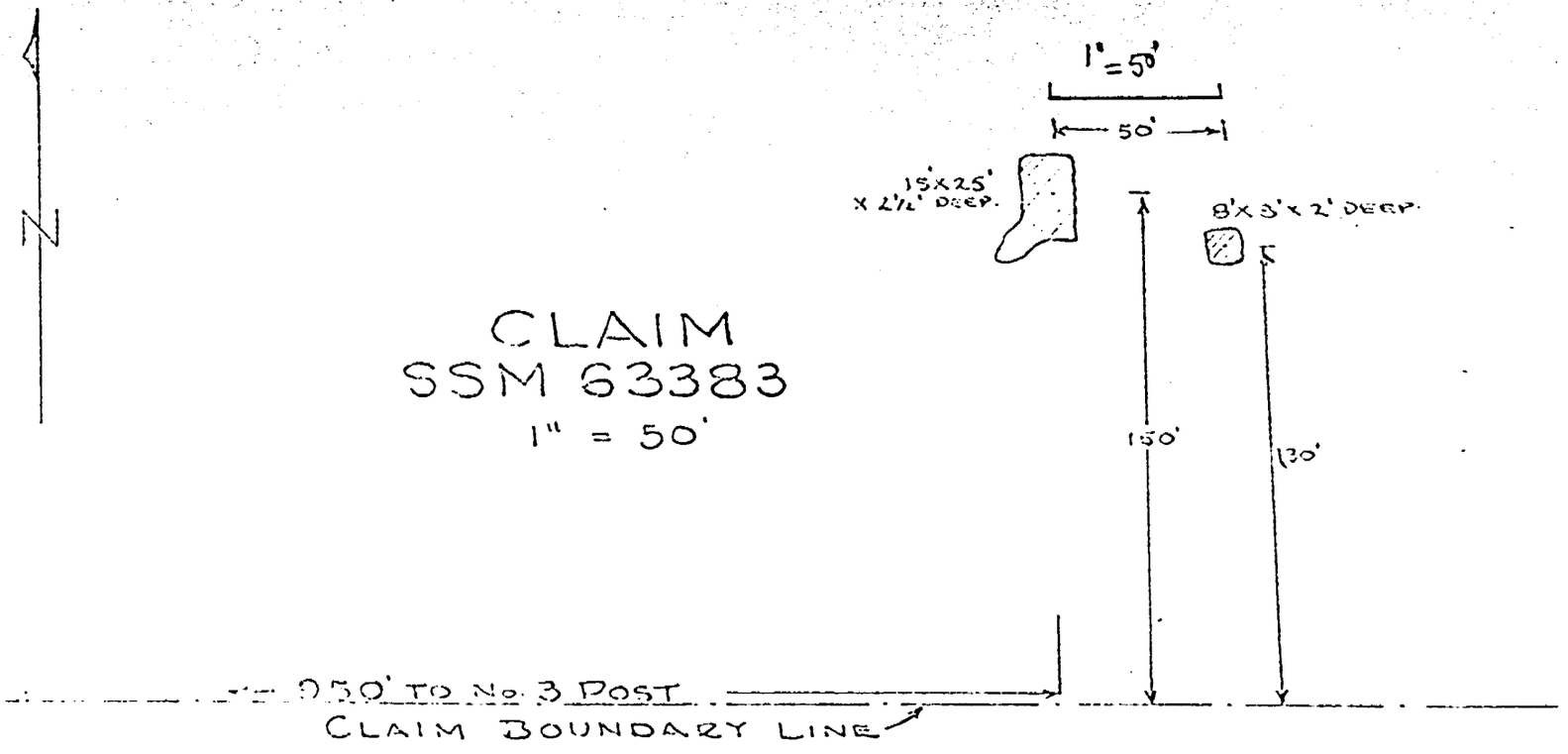
1" = 50'

38·4 Avg.

← 650' ± to No. 3 Post →
CLAIM BOUNDARY LINE

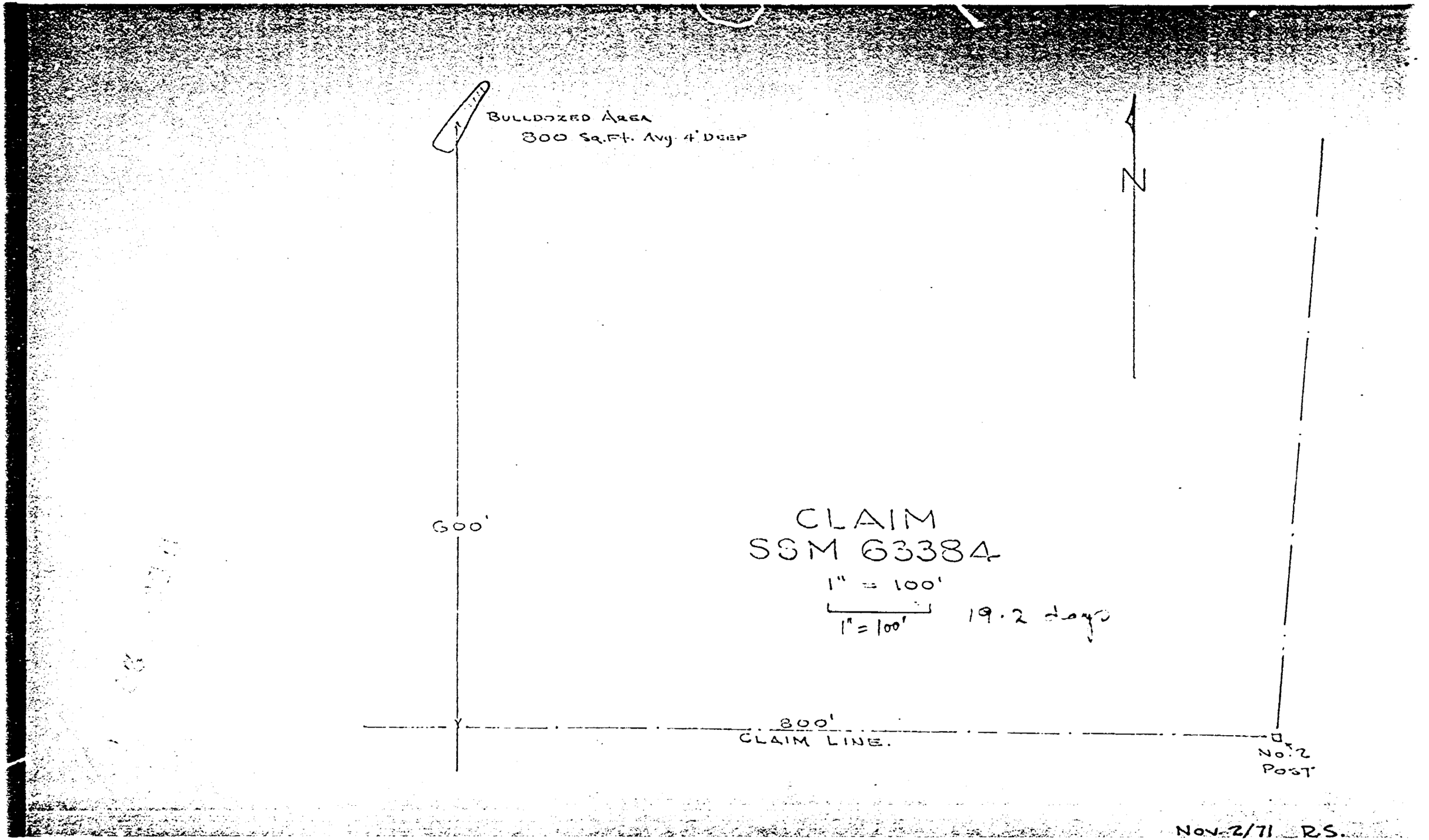
NOV. 2/71. R.S.

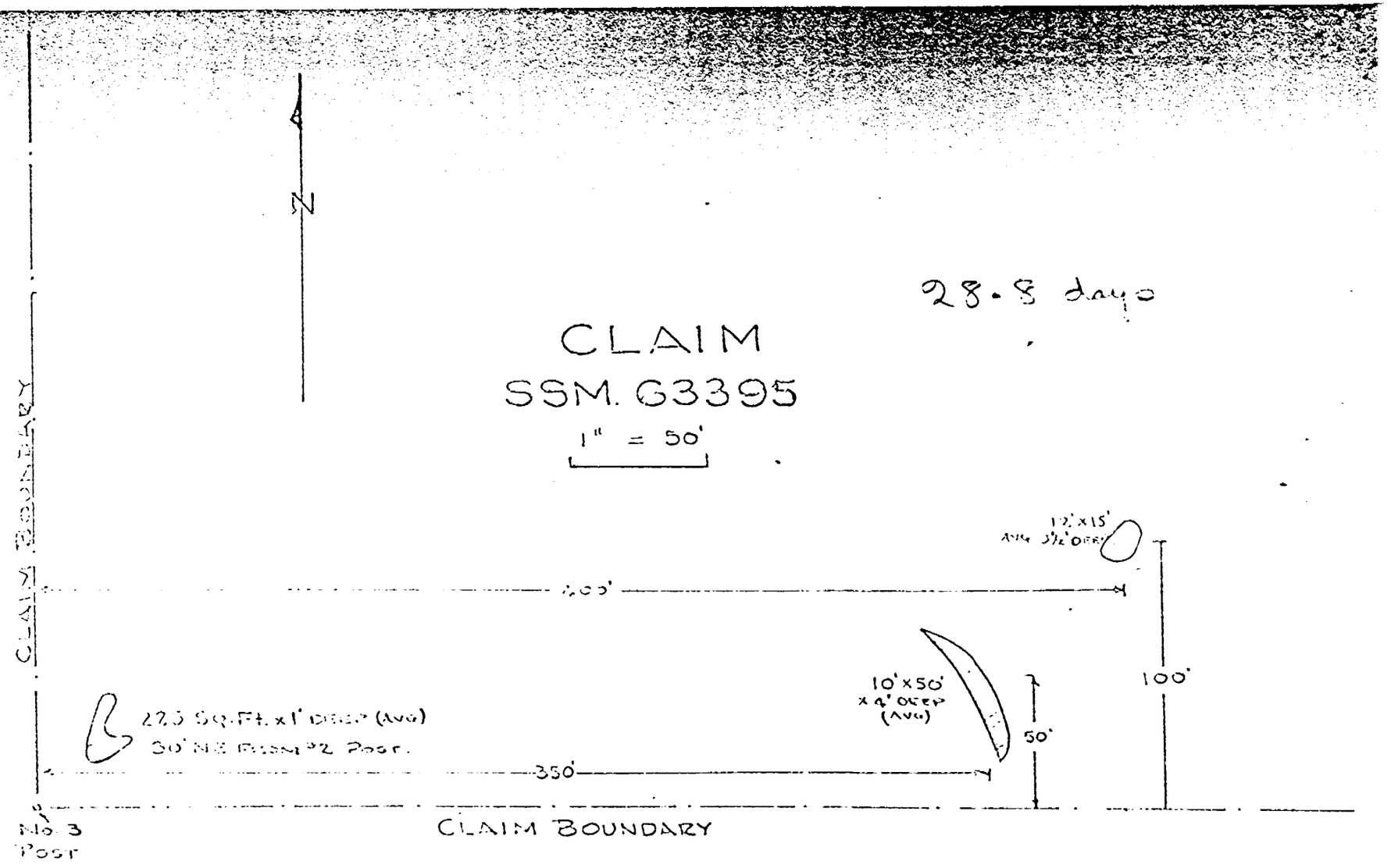
SSM-620



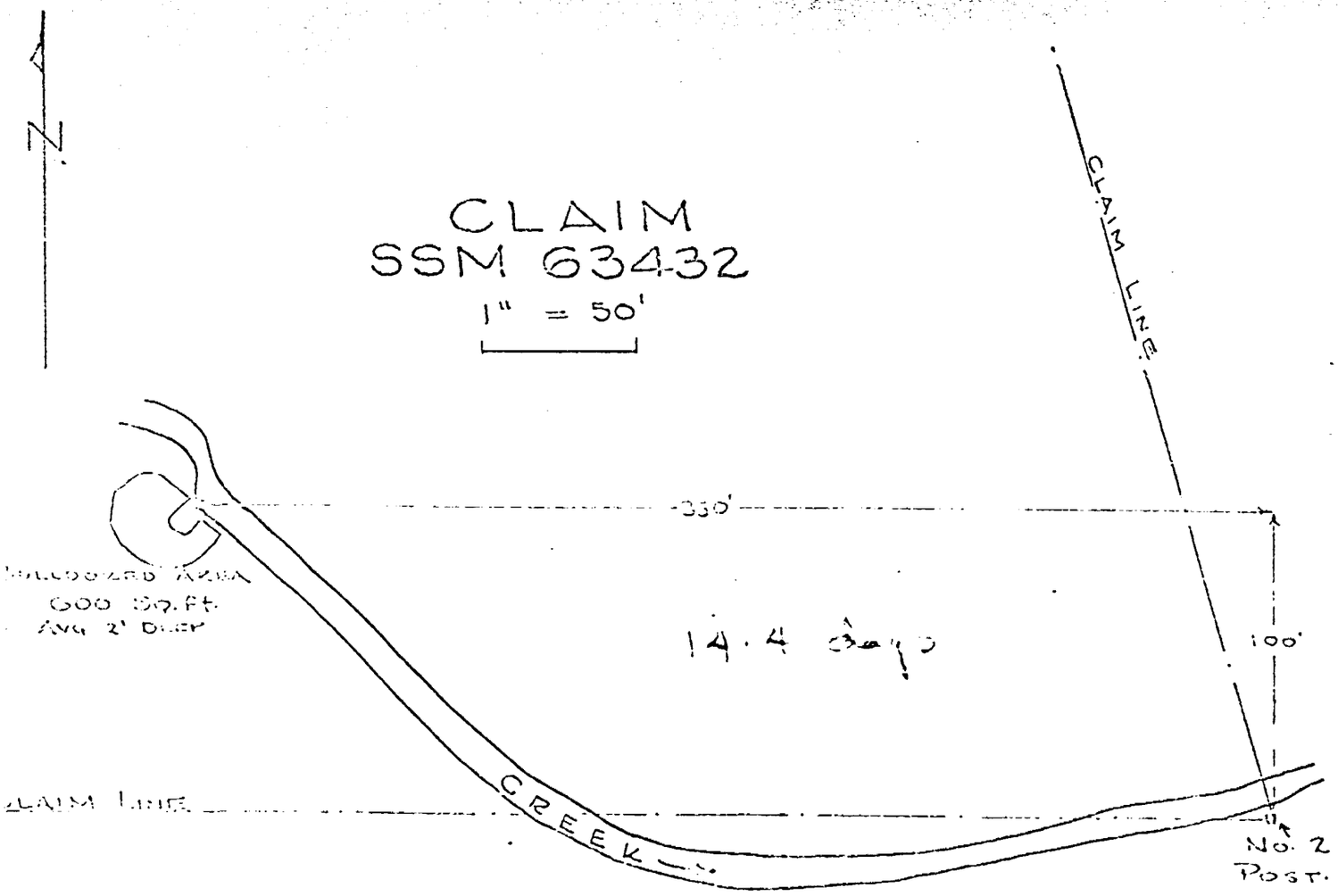
19.2 days

○ = BULLDOZED AREAS


BULLDOZED AREA
800 SQ.FT. AVG. 4' DEEP
N
600'
CLAIM
SSM 63384
1" = 100'
1"=100'
19.2 days
800'
CLAIM LINE.
No. 2
POST
NOV-2/71 RS.

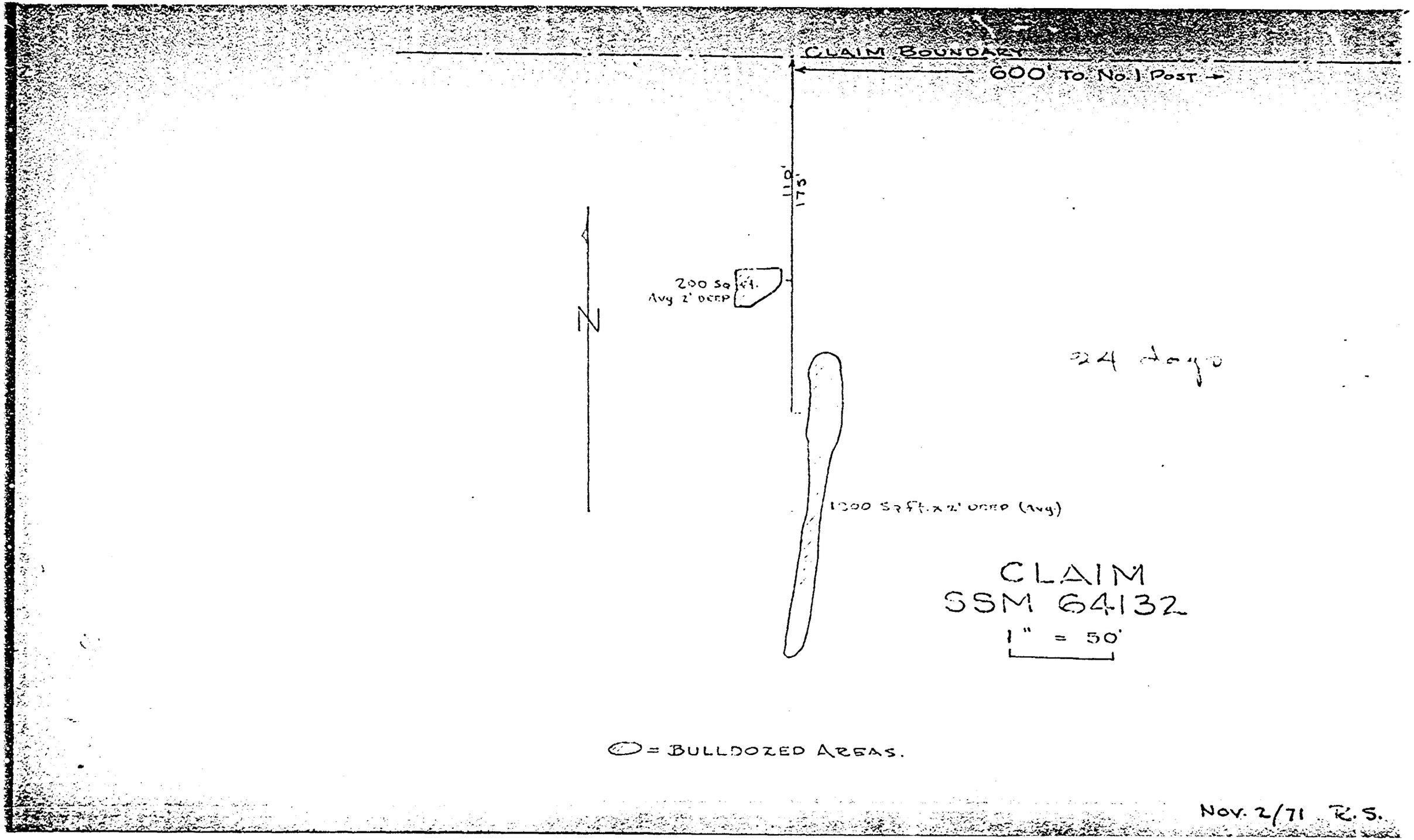

N
CLAIM BOUNDARY
CLAIM
SSM. 63395
1" = 50'
28.8 days
12'x15'
AVG 3½' DEEP
200'
100'
10'x50'
x 4' DEEP
(AVG)
50'
22.5 SQ. FT. x 1' DEEP (AVG)
30' N.E. FROM #2 POST.
350'
No. 3
Post
CLAIM BOUNDARY
= BULLDOZED AREAS

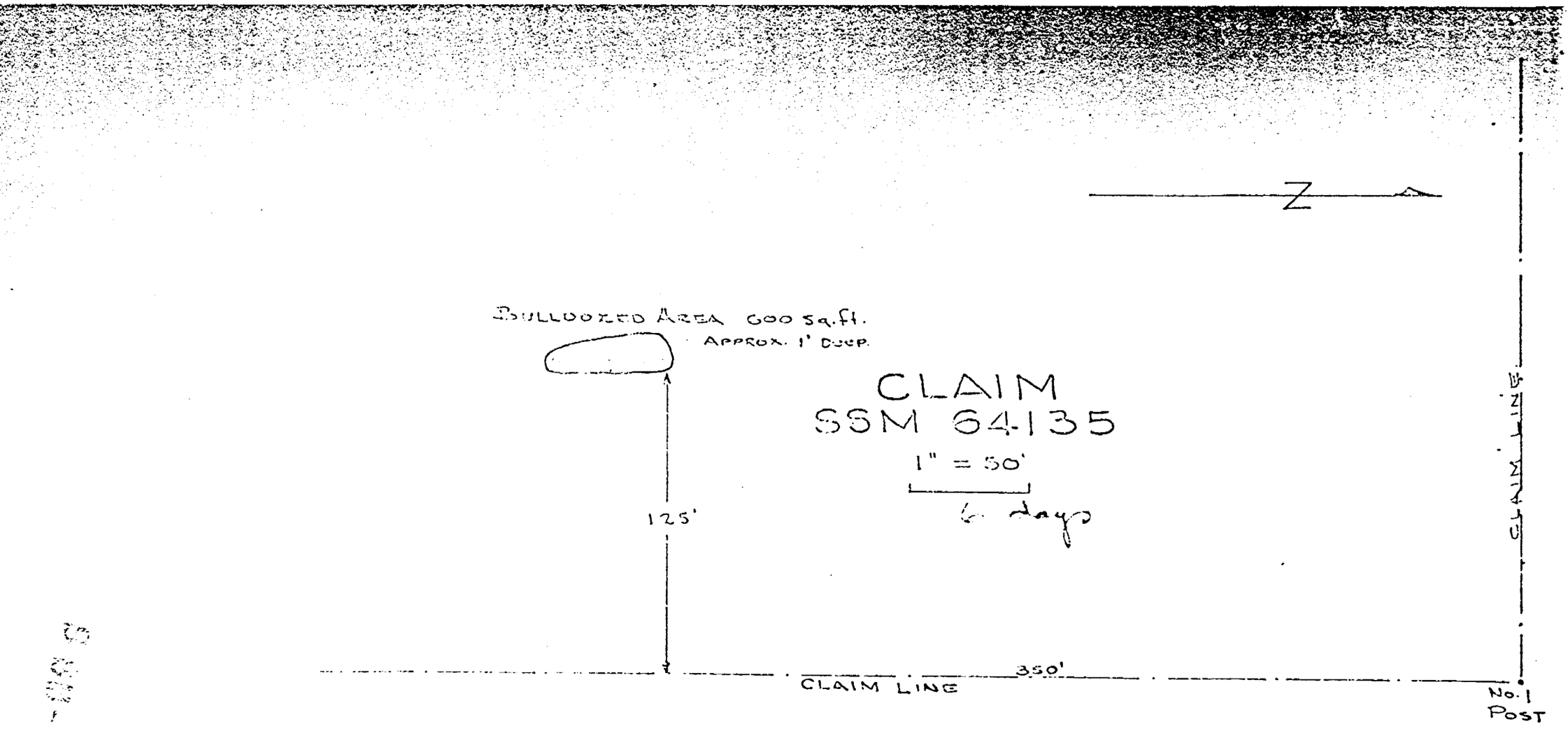
NOV. 2/71 E.S.



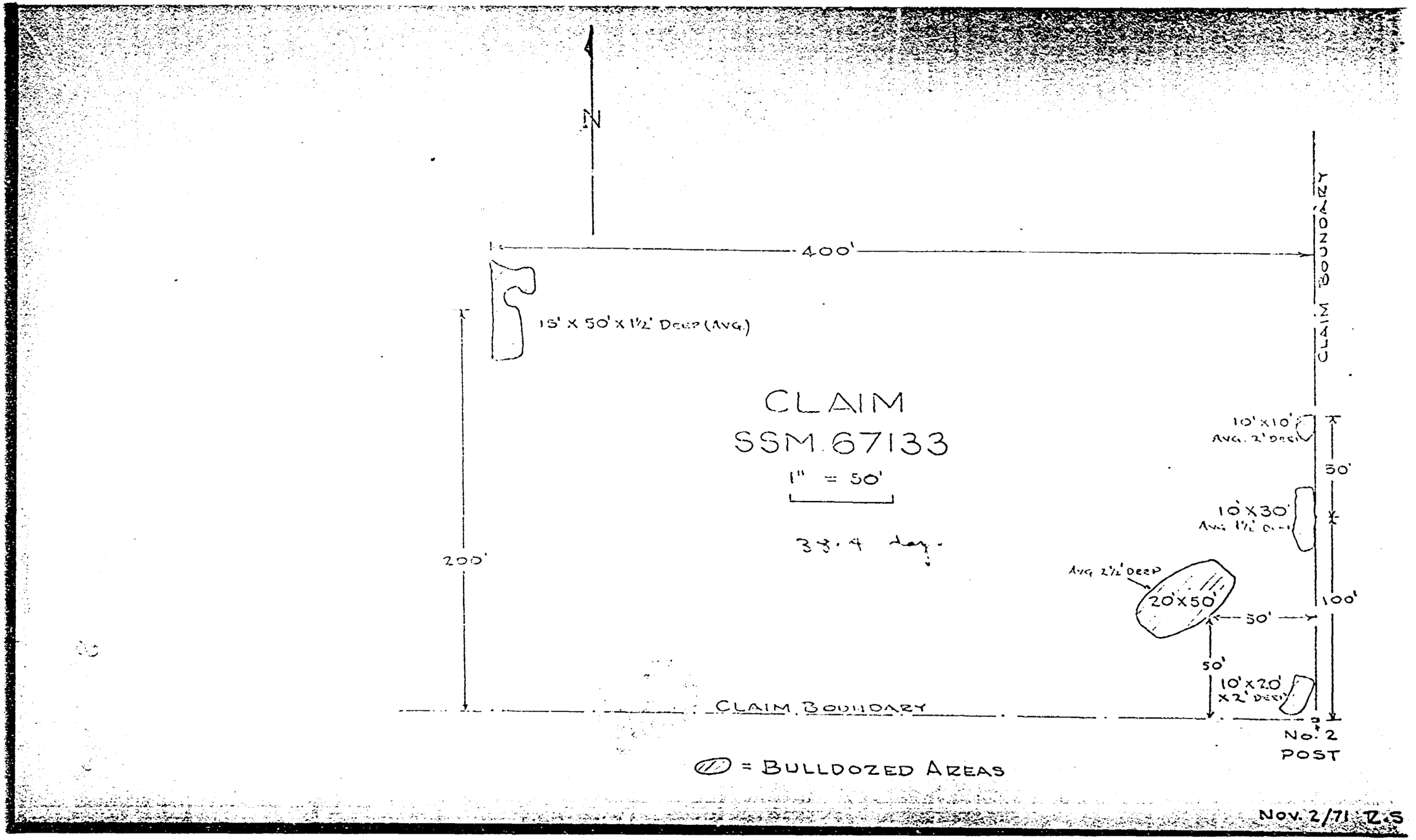
02 - SM - 20

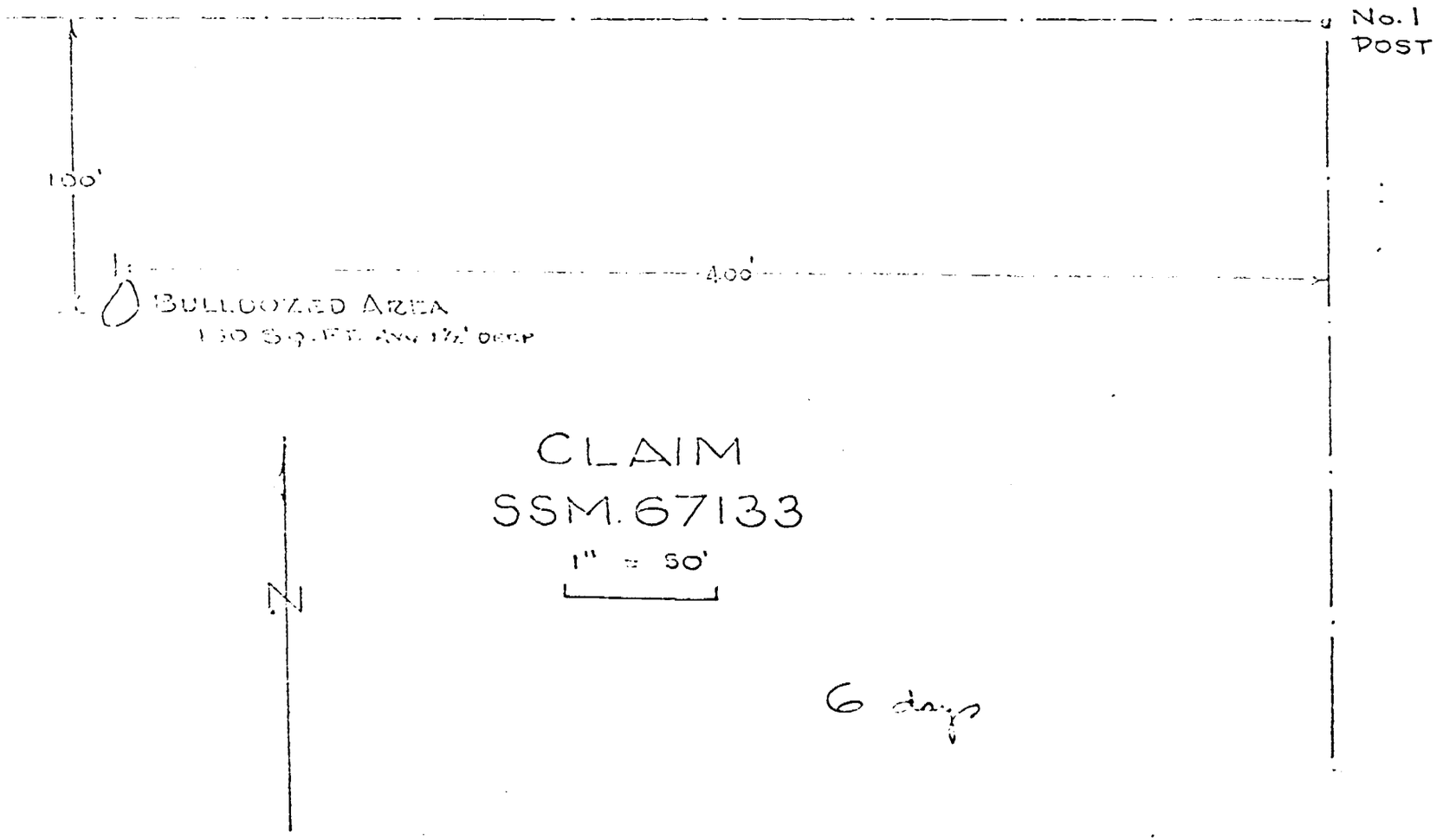
Nov. 3/71 R. S.


CLAIM BOUNDARY
600' TO No. 1 POST
1750'
200 Sq Ft.
Avg 2' DEEP
N
1300 Sq Ft. x 2' DEEP (Avg)
24 days
CLAIM
SSM 64132
1" = 50'
= BULLDOZED AREAS.
Nov. 2/71 R.S.


N
BULLDOZED AREA 600 sq.ft.
APPROX. 1' DEEP
CLAIM
SSM 64-135
1" = 50'
6 days
125'
350'
CLAIM LINE
CLAIM LINE
No. 1
POST

Nov. 2/71 R.S.


N
400'
CLAIM BOUNDARY
15' X 50' X 1½' DEEP (AVG.)
CLAIM
SSM 67133
1" = 50'
34.4 Acres
200'
10' X 10'
AVG. 2' DEEP
50'
10' X 30'
AVG 1½' DEEP
AVG 2½' DEEP
20' X 50'
100'
50'
50'
10' X 20'
X 2' DEEP
CLAIM BOUNDARY
No. 2
POST
= BULLDOZED AREAS
Nov. 2/71 R.S

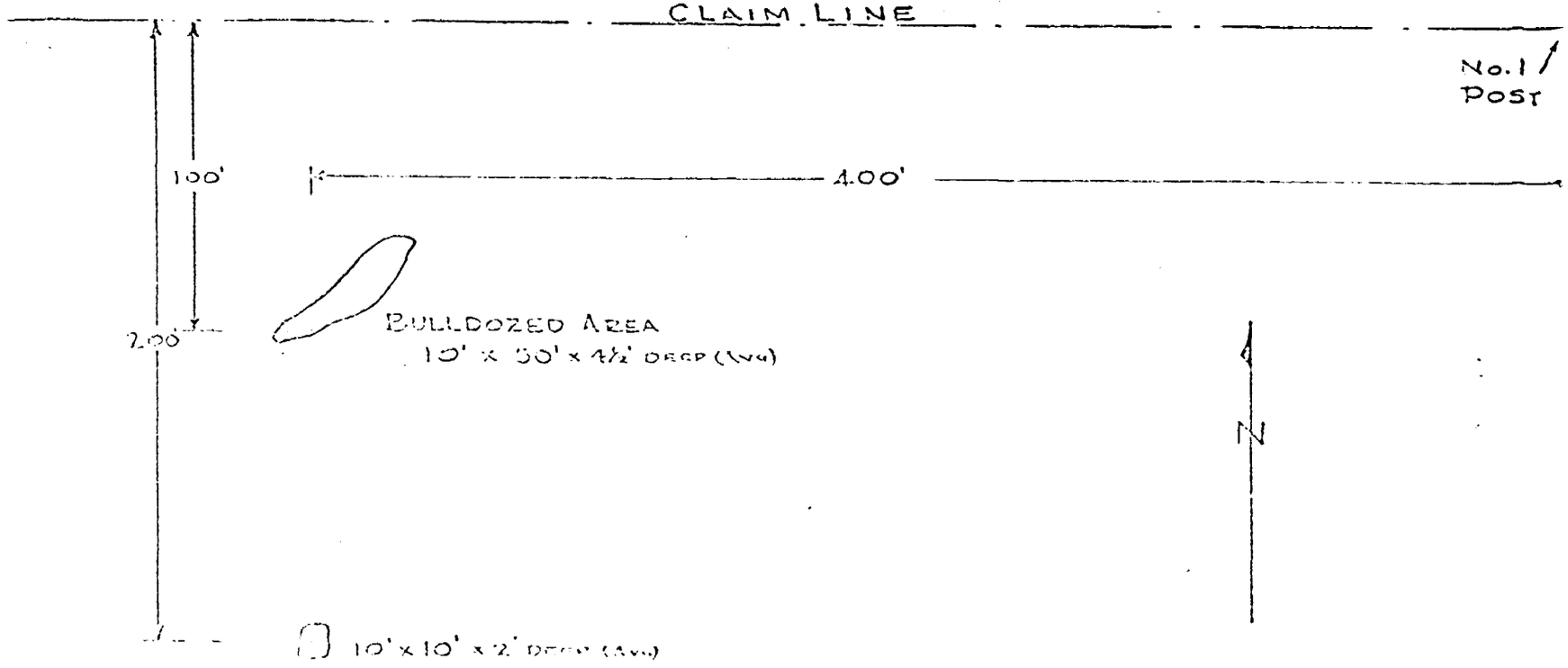


CLAIM
SSM. 67133

1" = 50'

6 days

Nov. 2/71 R.S.



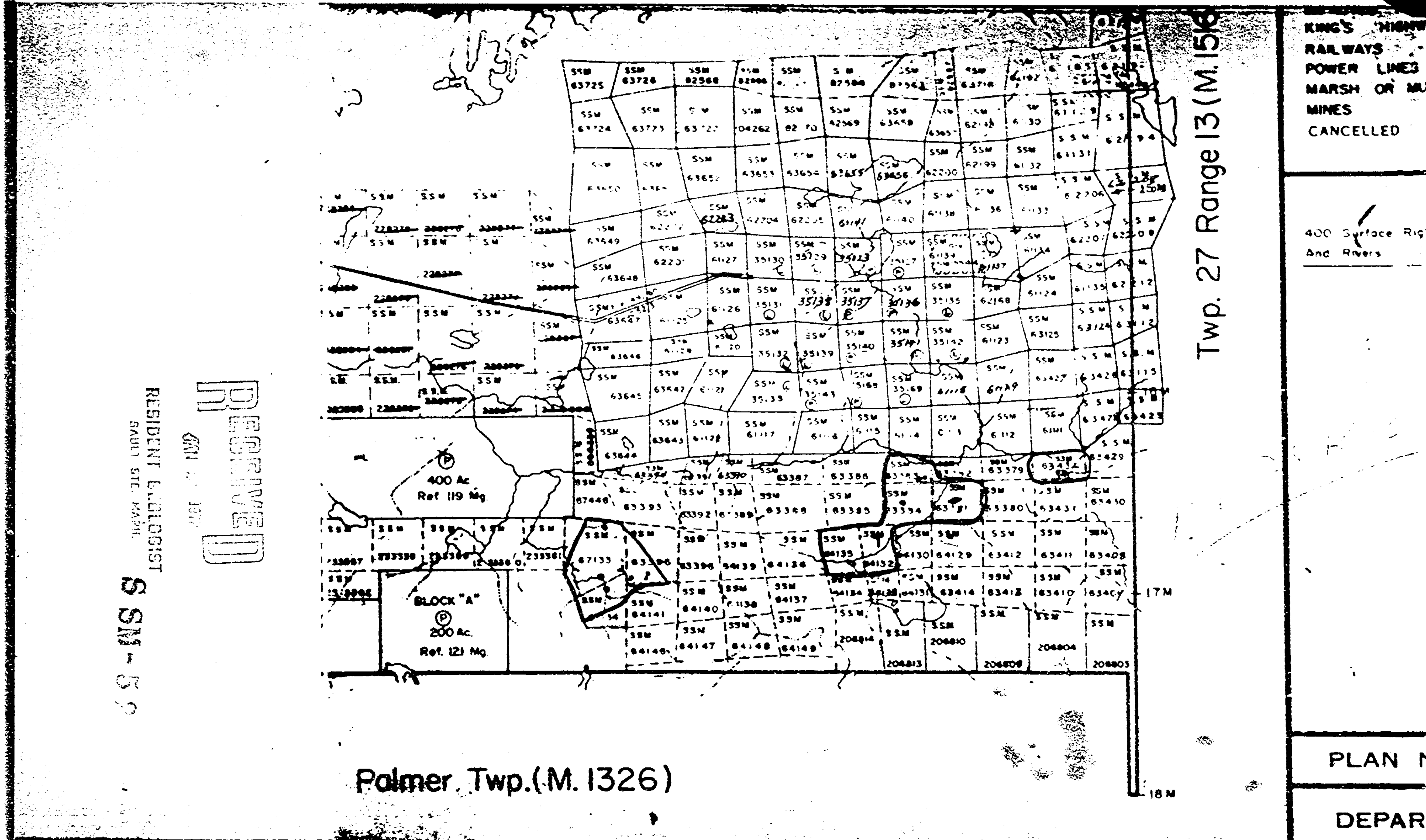
CLAIM
S.S.M. 67134

1" = 50'

9.6 days

(1) = BULLDOZED AREAS

Nov. 2/71 RS



CANCELLED
400 Ac.
Ref. 119 Mg.
BLOCK "A"
200 Ac.
Ref. 121 Mg.
17M
18M
Twp. 27 Range 13 (M.1516)
Palmer Twp. (M. 1326)

TP. 28 RANGE 14

DISTRICT OF ALGOMA.

SAULT STE. MARIE MINING DIVISION.

Scale, 40 chains to an inch.

1"=40 CH.

Area transferred to The Crown ---------- 13.954 Ac.
Area of the three parcels, patented to
Hugh Wilson, Dan. McLaren, and Geo. Ferguson
respectively, shewn etched on plan, comprising ---------- 9.11 Ac.
were not included in the original Crown Grant to the Algoma Central & Hudson Bay Ry. Co.

Total Area of Township 20.865 Ac.

RECEIVED
JAN 8 1964
RESIDENT GEOLOGIST
SAULT STE. MARIE

TP. 28. R. 14.

KINCAID

LINE RUN BY

O.L.S. PATTEN

Location Patented to HUGH WILSON. 1865. 400 Acres. Ref. 119. (P)

BLOCK B. 311 Acres. Patented to GEO. FERGUSON 1866 (P) Ref. 124

Lot A. Patented to DAN McLaren 1865. (P) Ref. 119. 200 Ac.

Pancake Lake -EL-1095'-

PALMER TP.

T.P. 27.

For Additional Information See Maps:

NICOLET 0017-A1 #1

ASSESSMENT WORK
SSM 63645
SSM 63643
SSM 63644
SSM 61117
SSM 61116
SSM 61115
SSM 63384
SSM 63381
SSM 63390
SSM 63387
SSM 63386
SSM 67446
SSM 67134
SSM 64141
SSM 64140
SSM 64137
SSM 64146
SSM 64147
SSM 64148
SSM 64149
SSM 64134
SSM 64133
AJAX DDH #4
AJAX DDH #5
#3 DDH
DIRECTION APPROXIMATE
RECEIVED
RESIDENT GEOLOGIST
LEGEND
5 TRAP DYKE 5a) Felsite, Aplite
4 BRECCIA
3 GABBRO 3a) Diorite b) "Granite" f) Fine grained
2 GRANITE
1 ANDESITE, BASALT a) Dacite, Rhyolite b) Tuff
SYMBOLS
P PILLOW LAVA
PILLOW, TOP DETERMINED
M SULPHIDES NOTED
X BRECCIA FLOAT
DIAMOND DRILL HOLE
SHEAR or CONTACT Strike and Dip
BEDDING - Strike and Dip
CURVING SLIP PLANES Showing Plunge
FAULT
CLAIM POST
TRACTOR ROAD
NEW SENATOR-ROUYN LIMITED
BATCHAWA PROPERTY
GEOLOGICAL SURVEY
DATE: NOV. 1963
DRAWN BY: S.V. BURR
GEOLOGY BY: S.V. BURR
1" = 200'