Appendix C
Churchill Diamond Project Abandonment and Restoration Plan

Shear Minerals Ltd.

April 2008

Table of Contents

Churchill Diamond Project
Abandonment and Restoration Plan

Preamble

This Abandonment and Restoration (A&R) Plan is in effect as of April, 2008. It applies specifically to the Churchill Diamond Project and the Josephine Lake Camp, located at 588034E / 7009670N (NAD 27, Zone 15), see attached map in Appendix I and photos in Appendix II. The camp is supported by fixed wing aircraft and by helicopter. Shear Minerals utilizes an esker to land the fixed wing aircraft, located at 590037E / 7014400N (NAD 27, Zone 15), see attached map in Appendix I and photos in Appendix II.

This project is currently operating under the appropriate permits, agreements and water license. A copy of the existing licenses and permits can be found in Appendix III.

Introduction

This A&R Plan has been prepared specifically for the Churchill Diamond Project and the Josephine Lake. The proposed location of the camp was moved after concerns were raised by the community of Chesterfield Inlet during the review period and community consultation. The current location of the camp, N 63° 12' 25.7", W 91° 14' 58.2", was selected in cooperation with the community of Chesterfield Inlet following meetings with elders, HTO representatives and an open house. The temporary camp is located approximately 60 km NE of Rankin Inlet and 35 km SW of Chesterfield Inlet. At peak times, the camp could populate a maximum of 40 people. The camp will be active from early April until mid September of each year that the exploration program runs.

The current camp location is temporary. A new location for the camp is currently under consideration. Plans to move the camp location are anticipated for the 2008/2009 winter season once an adequate location for the camp and potable water is found and is available throughout winter.

To date the exploration program has consisted of prospecting, till sampling, geophysics, mapping, drilling, trenching and bulk sampling. For the 2008 season, plans are still the same as the 2007 field season; no amendments will be made to include anything else.

Schedule

The full restoration of the camp site will take place once the program is complete or

if the camp location is moved. The restoration will be completed prior to the date of expiry of the land use permits and water license unless a renewal is applied for. Drill sites will be restored at the end of each field season in September of each year. Empty fuel drums will be removed from site regularly. Once a fuel cache is retired, a thorough inspection will be conducted. Any contamination will be cleaned up according to the Spill Contingency Plan and debris will be removed.

Infrastructure

1 core tent
1 generator shack
1 toilet shack
1 dry tent
1 kitchen tent
1 medical tent
1 office tent
12 sleeper tents
1 recreation tent
1 sea can storage
1 fuel storage area
1 incinerator

Drill Sites

It is always preferable to practice progressive reclamation, particularly in the exploration phase of a project where drill sites can be located at a distance from each other and also from the camp.

Prior to drilling, photos of the sites will be taken. Photos will also be taken following drilling to document the state of the site. Debris will be removed prior to leaving the drill target. The drill casing will be cut to ground level or to match the surrounding topography. In 2008 Shear Minerals will begin harvesting indigenous seed for future use in reclamation of any drill sites that may require additional restoration.

Bulk Sample Sites

Winter Sampling - Sites where bulk sampling is conducted under snow cover on frozen ground.

Equipment and supplies would be transported overland in mid-March via Caterpillar Challengers hauling sleighs to the proposed locations, see site specific descriptions and maps, where the bulk samples are to be collected. Transporting the equipment from site to site during the snow covered season makes overland travel possible without any impact to the ground and vegetation beneath the snow.

Photos will be taken of the area prior to any work being undertaken. Photos will also be taken during the sampling for documentation. The snow will be scraped back from the site to expose the frozen ground. Material will be segregated as it is removed to expose the kimberlite. Vegetation, humus and topsoil will be removed and stored on the snow in separate piles. Boulders, sand and gravel will be removed and placed to the side on the snow.

Once the sample has been collected, boulders sand and gravel will be placed into the area where the sample was removed. Topsoil, humus and vegetation will be placed back on the area and will be hand contoured as much as possible given the conditions will be frozen. Photos will be taken. The snow will be placed back over the area.

During 2008 Shear Minerals will be working with community members to harvest indigenous seed for use in reclamation. During the summer Shear employees will return to the bulk sample sites to document (including photos) the state of the sites. Where necessary the ground will be scarified and seeds will be dispersed over the area. Shear Minerals will work closely with community members to reclaim these sites drawing on local Traditional Knowledge.

Summer Sampling – Sites where bulk sampling is conducted during the summer on locations that meet with the criteria outlined in the Work Plan attached.

For sites where summer sampling is conducted, the equipment will be broken down in to pieces and flown to the sites via helicopter.

Photos will be taken of the area prior to any work being undertaken. Photos will also be taken during the sampling for documentation. The overburden will be scraped back from the site to expose the bedrock. Material will be segregated as it is removed to expose the kimberlite. Vegetation, humus and topsoil will be removed and stored in separate piles. Boulders, sand and gravel will be removed and placed to the side.

Once the sample has been collected, boulders, sand and gravel will be placed into the area where the samples have been removed. The topsoil, humus and vegetation will be placed back over the area by hand and contoured as much as possible to mimic the original landscape.

Where necessary the ground will be scarified and seeds will be dispersed over the area. Shear Minerals will work closely with community members to reclaim these sites drawing on local Traditional Knowledge. Photos will be taken to document the progression of re-vegetation throughout the life of the project.

Seasonal Shutdown

Buildings and Contents

The kitchen and dry will be winterized. All other tents will be dismantled and the canvas tents removed from site for drying and storage. Wood structures (generator and pacto toilet shacks) and wood floors will be kept secured. Wooden bed frames will be turned upside down and secured to the wooden floors for over-winter storage. The generator will be removed from site for servicing and storage.

Water system

Pumps and hoses will be drained and dismantled. Pumps will be removed from site for servicing and storage. Hoses will be stored on site in the sea can.

Fuel caches and Chemical Storage

An inventory will be conducted prior to leaving at the end of the field season. A thorough inspection of all fuel caches will be completed and empty fuel drums will be removed from site. Partially full fuel drums will be placed on an angle to ensure that snow and water do not enter the drum and no leakage from the drum occurs. Full fuel drums will be stored on their sides with the bungs in the 3:00 and 9:00 position and stakes high enough to be identified above the snow will be visible around the fuel cache location.

Chemicals will not be stored on site over winter. All chemicals, including cleaning products, will be removed from site for storage and or disposal.

Waste

Combustible waste: All combustible waste will be incinerated. Shear Minerals brought in an incinerator to site in 2007.

Grey water sump: The grey water sump will be inspected and covered securely for the winter. Stakes will be placed around the sump so that it is easily identifiable when the camp is opened up again each year.

Black water: The camp uses Pacto toilets. Bags containing waste are removed from site.

Drill sites

Drill sites will be inspected. Any debris will be removed. Photos will be taken prior to drilling and following drilling.

Bulk sample sites

Bulk sample sites will be inspected prior to seasonal shutdown. Wherever necessary, locally collected seeds will be dispersed. Photos will be taken to document the reclamation progress each year.

Contamination Clean Up

Soil that has become contaminated and gone unnoticed will be treated as per the Spill Contingency Plan. Before and after photos will be taken to document the contamination and the clean up.

Inspection and Documentation

A complete inspection will be conducted of all areas prior to seasonal closure. Photos will be taken to document the conditions prior to leaving the site. A full inventory will be conducted.

Final Abandonment and Restoration

Buildings and Contents

All buildings will be dismantled and removed. All wooden structures including floors will be taken out of the site.

Equipment

All equipment, including drills, pumps, generators, etc. will be dismantled and removed from the project area.

Fuel caches and Chemical Storage

All fuel drums will be removed. All areas where there have been fuel caches will be thoroughly inspected. Any contamination will be cleaned up as well as any debris removed. Final photos will be taken of all fuel caches for inclusion in the final report.

All chemicals will be removed from site. Areas where chemicals have been stored will be inspected to ensure that there has been no contamination.

Sumps

All sumps will be inspected to ensure that they are containing any waste and that there is no leaking or run-off. Sumps will be back-filled and leveled as required. Final photos will be taken.

Camp Cache

A final inspection of the camp site area will be conducted to ensure that there is no waste left behind. All wastes that are not burnable will be removed from site.

If further reclamation is required Shear Minerals will work with community members to disperse indigenous seed as well as transplant vegetation plugs from nearby areas. Final photos will be taken for submission with the final closure document.

Drill Sites

Drill sites will be inspected from year to year with sites being restored immediately, whenever possible, upon completion of the hole. During the final year of operation, any drill sites will be inspected for contamination, major ground disturbance and debris.

If further reclamation is required Shear Minerals will work with community members to disperse indigenous seed as well as transplant vegetation plugs from nearby areas. Final photos will be taken for submission with the final closure document.

Bulk sample sites

Bulk sample sites will be inspected. If further reclamation is required Shear Minerals will work with community members to disperse indigenous seed as well as transplant vegetation plugs from nearby areas. Final photos will be taken for submission with the final closure document.

Contamination Clean Up

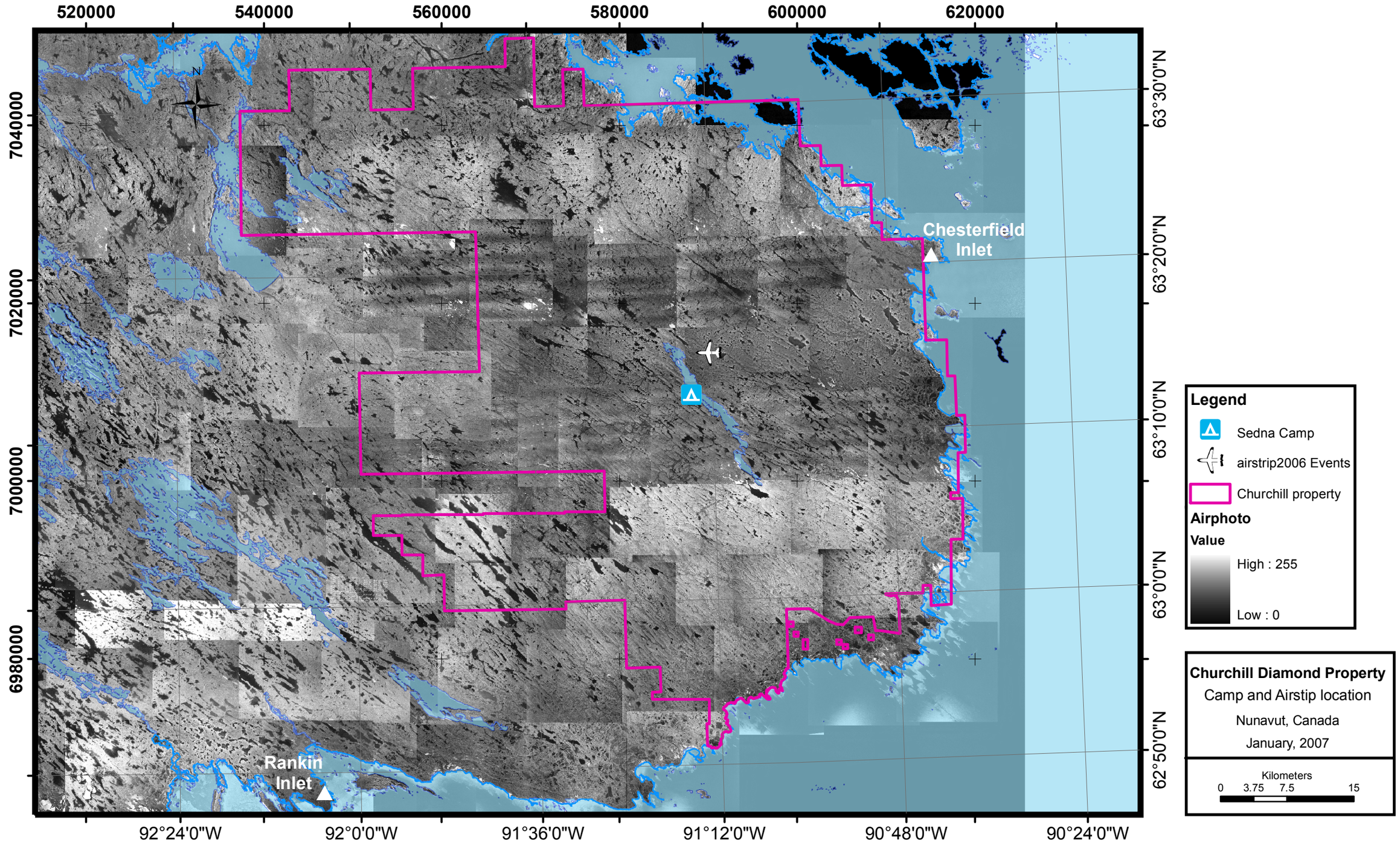
Any contamination will be treated as per the Spill Contingency Plan. Before and after photos will be taken to document the contamination and the clean up.

Inspection and Documentation

A complete inspection will be conducted of all areas prior to closure. Photos will be taken to document the conditions prior to leaving the site for use in the final plan.

APPENDIX I

MAPS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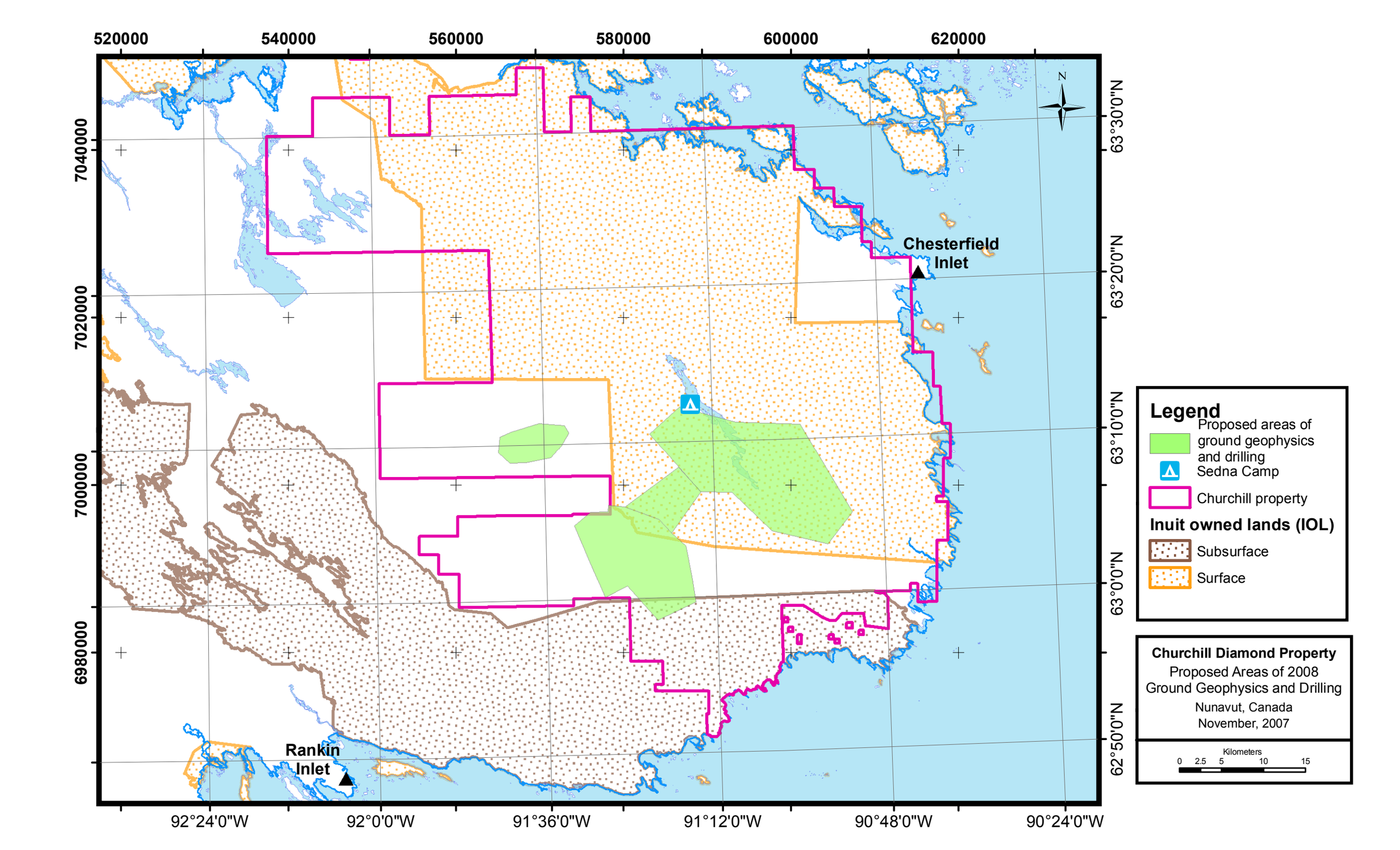
91°12'0"W
90°48'0"W
90°24'0"W
N
Chesterfield Inlet
Rankin Inlet
Legend
Sedna Camp
airstrip2006 Events
Churchill property
Airphoto
Value
High : 255
Low : 0
Churchill Diamond Property
Camp and Airstip location
Nunavut, Canada
January, 2007
Kilometers
0 3.75 7.5 15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92°24'0"W
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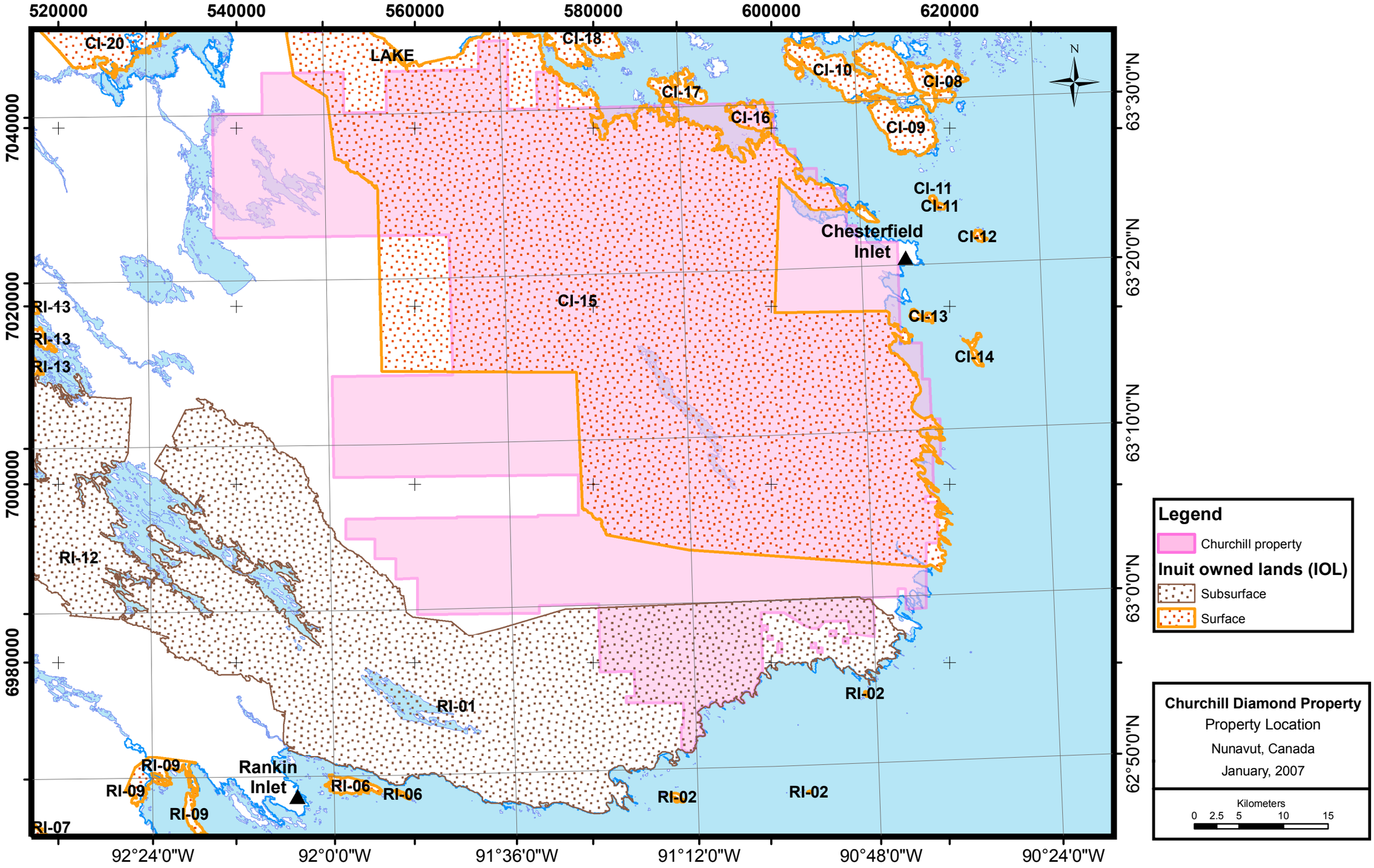
91°36'0"W
91°12'0"W
90°48'0"W
90°24'0"W
N
Chesterfield Inlet
Rankin Inlet
Legend
Proposed areas of ground geophysics and drilling
Sedna Camp
Churchill property
Inuit owned lands (IOL)
Subsurface
Surface
Churchill Diamond Property
Proposed Areas of 2008 Ground Geophysics and Drilling
Nunavut, Canada
November, 2007
Kilometers
0 2.5 5 10 15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CI-09
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Chesterfield Inlet
CI-12
CI-15
CI-13
CI-14
RI-13
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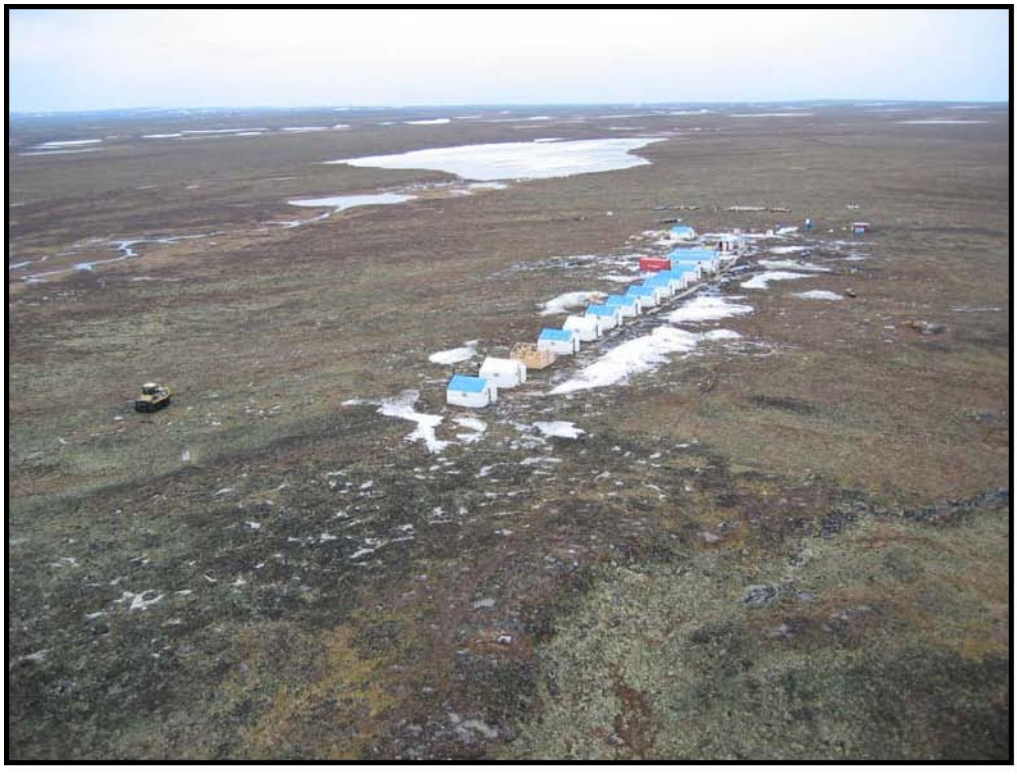
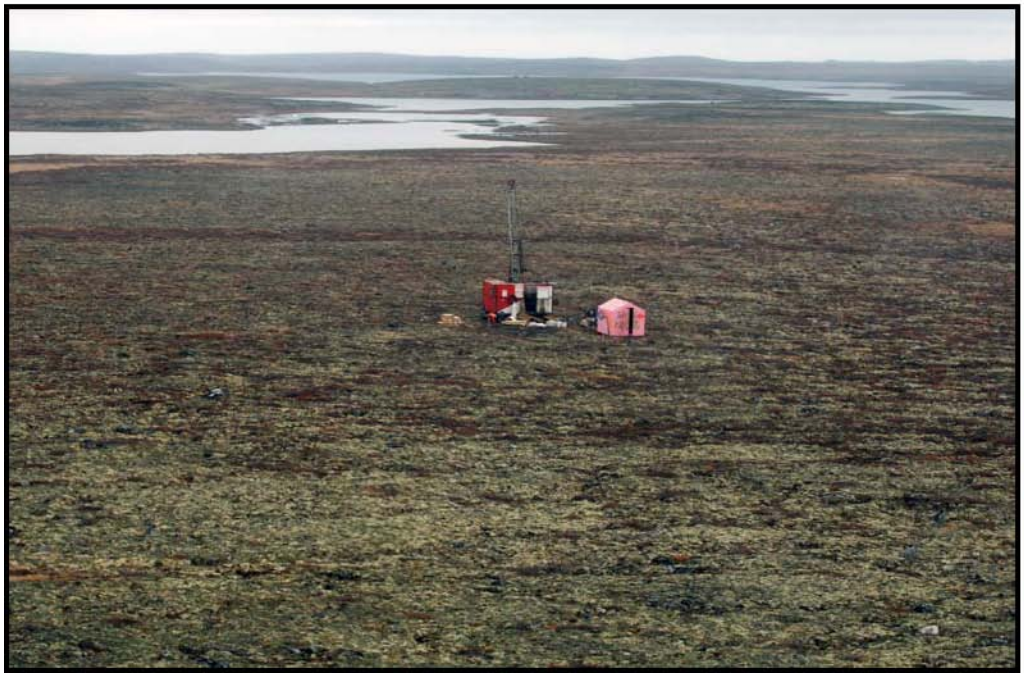
RI-12
RI-01
RI-02
RI-09
RI-09
RI-09
Rankin Inlet
RI-06
RI-06
RI-02
RI-02
RI-07
Legend
Churchill property
Inuit owned lands (IOL)
Subsurface
Surface
Churchill Diamond Property
Property Location
Nunavut, Canada
January, 2007
Kilometers
0 2.5 5 10 15

APPENDIX II

PHOTOS



Sedna Camp



Drilling

The Koboda used for test-pit trenching.

Slinging the Koboda.

Tours of Sedna Camp. Shear Minerals organizes tours each year for the people of Chesterfield Inlet and Rankin Inlet to come to the property and learn more about Diamond Exploration.

APPENDIX III INFORMATION ON THE INCINERATOR

WESTLAND
ENVIRONMENTAL SERVICES INC.
www.westlandenvironmental.com

SINGLE CHAMBER CYCLONATOR INCINERATOR
SERIES CY1000

- **Built In Safety Features**
- **Readily Transportable**
- **Economical Operation**
- **Clean Burning**

CY-1050-FA “N” /LPG

Designed for Petroleum, Mining, and Lumber Industries

Capacity
1.4 meter 3, 90 kg per hour.
Type No. 1, 2, & 3 waste.

Power Requirements
115 volts 60 cycle single phase

Stack

Lining: high heat duty castable refractory over high temperature insulation

Hearth
Refractory hearth over 6.35 mm steel base

Doors
6.35-mm steel plate c/w heavy duty latch.
Charging: - 61cm-x 71 cm clear opening
- Refractory lined over steel plate Ash: - 61 cm x 40 cm clear opening
- Refractory lined over steel plate

Air Supply
Forced air fan c/w dampened duct to primary air jets and to secondary and overfire air jets.

Timers
Cycle timer interconnected to air supply fan and gun type burner enclosed in burner housing

Burner
650,000 BTU gun type burner. Gun burner enclosed in protective plate steel housing.

Fuel Supply: Oil Fired Unit Only
1350 liter fuel storage tank c/w filter and flexible hose type connection.

Transporter
Incinerator and fuel storage mounted on skid type frame 427cm long x 183cm wide. Height: 2.75 M tall, with stack folded. Constructed of W150 I-Beam c/w bumper posts.

Weight
3900 kg.

Options
LPG Fired burner
Diesel fired burner
Refractory lined stack
Stack winch
Double chamber 2000 series

MANUFACTURED BY: DISTRIBUTED BY:

WESTLAND
Environmental Services Inc.
20204 – 110 Avenue, Edmonton, AB Canada T5S 1X8
Phone: (780) 447-5052 Fax: (780) 447-4912 E-MAIL
info@westlandenvironmental.com

APPENDIX IV INFORMATION ON THE

EXCAVATOR

314C CR
314C LCR
Hydraulic Excavator

Engine		
Engine Model	Cat® 3064 T	
Gross Power	70 kW	94 hp
Flywheel Power	67 kW	90 hp
Drive		
Max. Drawbar Pull	110 kN	24,730 lb

Weights		
Operating Weight – 314C CR	14 610 kg	32,190 lb
Operating Weight – 314C LCR	14 810 kg	32,590 lb

- Equipped with 2600 mm (8'6") blade, one-piece boom, 3000 mm (9'10") stick, 600 mm (24") shoes, 760 mm (30") bucket, and 0.41 m^3 (0.53 yd^3) bucket capacity.

314C CR Hydraulic Excavator

The 314C CR offers a compact radius and improved performance, versatility and styling.

Compact Radius

✔ The 314C CR features a compact radius, making it ideal for working in urban construction where space is often restricted. **pg. 4**

Engine

✔ The new Cat 3064 T engine delivers outstanding performance, fuel efficiency and low sound levels. This compact engine was developed specifically for construction equipment and provides excellent durability. **pg. 5**

Hydraulics

The open-center, two-pump hydraulic system provides high efficiency and reliability. The machine's pump flow control improves fuel efficiency, ensures smooth control, reduces sound levels and extends component life. **pg. 6**

Serviceability

Longer service intervals and easier maintenance result in better machine availability and lower owning and operating costs. **pg. 11**

Increased horsepower, better controllability, extended service intervals and a redesigned operator station increase your productivity and lower your operating costs.

Front Linkage

Front linkage variations allow the use of one boom, two sticks and five bucket sizes for maximum productivity on a wide range of jobs. **pg. 7**

Undercarriage and Blades

✔ Rugged Cat undercarriage design and proven structural manufacturing techniques ensure outstanding durability in the toughest conditions. Blades feature replaceable and reversible cutting edges for long service life and reliability. **pg. 8**

Operator Station

✔ An enlarged cab and new window design enhance visibility and operator comfort. Sliding door system allows easy operator access, even in tight quarters. All operator controls are designed for smooth, low-effort operation and easy reach. **pg. 10**

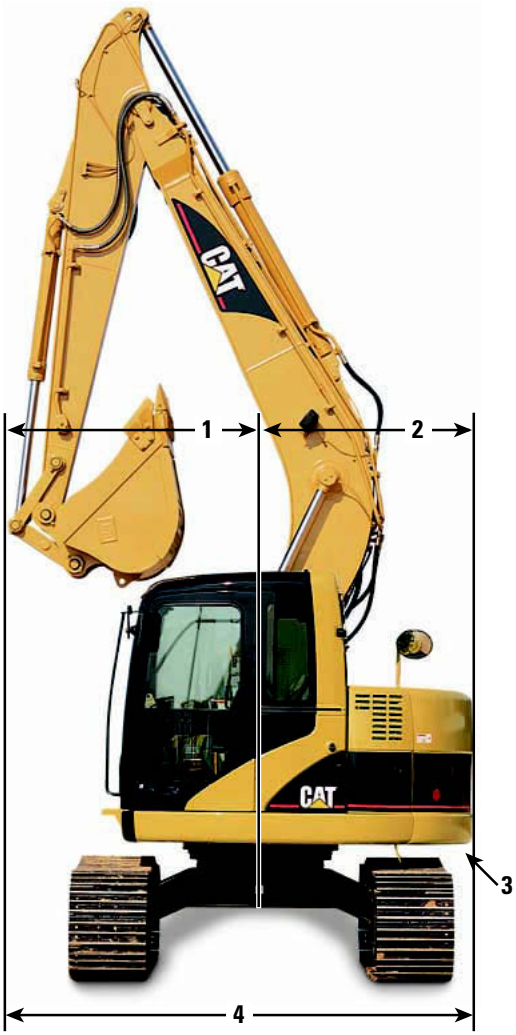
Complete Customer Support

Your Cat dealer offers a wide range of services that can be set up under a customer support agreement when you purchase your equipment. The dealer will help you choose a plan that can cover everything from machine configuration to eventual replacement. **pg. 12**

✔ *New Feature*

Compact Radius

Compact radius design delivers top performance in tight quarters.



Compact Radius Design. The 314C CR features a compact radius, making it ideal for working in tight areas.

Shorter Tail Swing Radius. A shorter tail swing radius makes the 314C CR easier to operate against walls and in other tight areas, reducing the risk of damage to the rear of the machine during operation.

Flexibility in Tight Quarters. The shorter tail measurement allows the excavator to work productively in urban construction, on logging roads and other space-restricted sites.

Dimensions

1)	Front Swing From Center
	2500 mm (8 ft 2 in) stick - 1970 mm (6 ft 6 in)
	3000 mm (9 ft 10 in) stick - 2220 mm (7 ft 3 in)
2)	Rear Swing From Center
	1480 mm (4 ft 10 in)
3)	Overhang
	500 mm (20 in) shoes - 235 mm (9 in)
	600 mm (24 in) shoes - 185 mm (7 in)
	700 mm (28 in) shoes - 135 mm (5 in)
4)	Width
	2500 mm (8 ft 2 in) stick - 3450 mm (11 ft 4 in)
	3000 mm (9 ft 10 in) stick - 3700 mm (12 ft 1 in)

Engine

The four-cylinder turbocharged Cat 3064 T engine is built for power, reliability, economy and low emissions.

Torque Rise. The engine has a long-stroke piston movement for high torque at medium to low speeds – a feature that is especially beneficial for heavy-duty use.

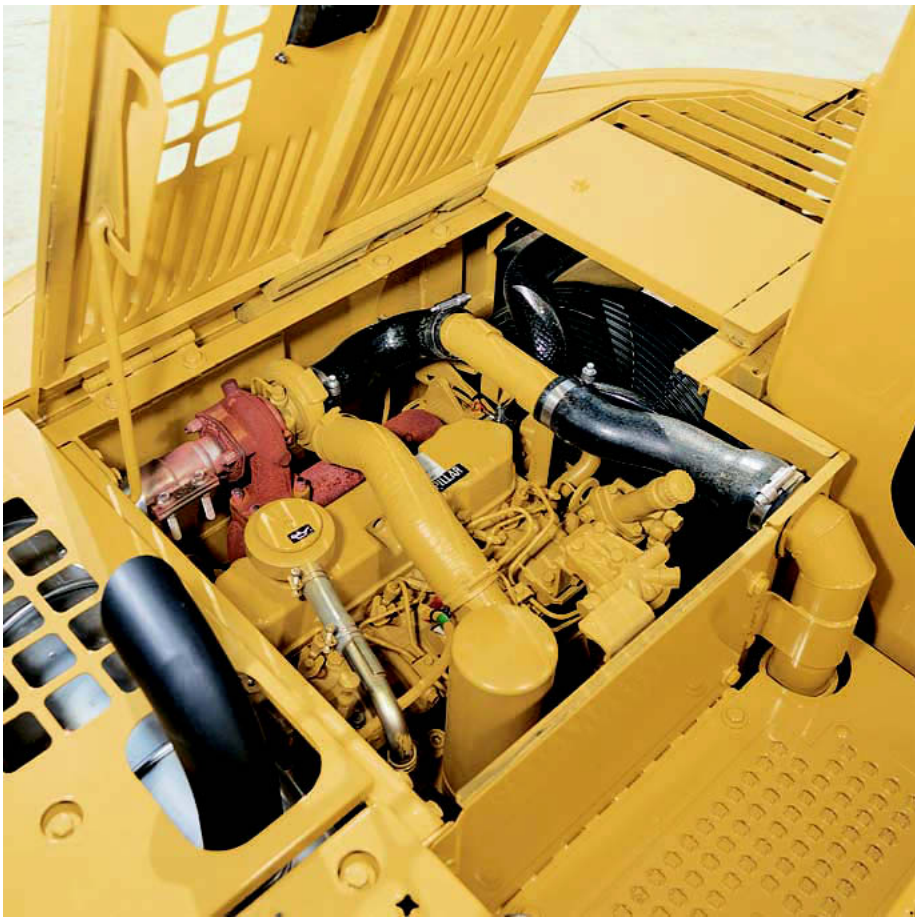
Automatic Engine Control. Provides convenient one-touch command. Three-stage control maximizes fuel efficiency and reduces sound levels.

Low Fuel Consumption. The engine offers low fuel consumption, improved thermal efficiency and reduced resistance between pistons and liners.

Maintenance Access. The oil level gauge, oil filter, fuel filter and priming pump are all located in front of the engine for easy maintenance. The engine oil filter and fuel filter change intervals have been extended.

Crankshaft and Connecting Rods. The engine has a specially-balanced crankshaft to counteract typical four-cylinder engine vibration. The surface of the crankshaft journals and pins are induction-hardened to improve abrasion resistance.

Pistons and Rings. Heat-resistant aluminum alloy pistons have a short compression height, reducing weight and improving combustion efficiency. The piston ring set consists of three rings, treated for maximum wear resistance.



Cooling System. A large-diameter fan and full-length, water-cooled cylinders, combined with excellent thermal efficiency, help prevent overheating. The result is longer engine life and the ability to operate at high temperatures and under heavy loads. The core radiator is equipped with waved fins to prevent clogging.

Lubrication System. The system utilizes an external gear-type, high-efficiency oil pump. The large oil filter is composed of a main filter and a bypass filter, designed for high performance.

Hydraulics

Cat hydraulics deliver power and precise control to keep material moving at high volume.

High Efficiency Hydraulics. The 314C CR uses an open-center, two-pump system. The main pumps are variable-displacement axial piston pumps and are driven directly from the engine. The pump drive is direct, so transmission efficiency remains high.

Component Layout. All major components are located close together, so shorter tubes and lines are used between components, resulting in less friction loss in the lines and reduced pressure drops.

Flow Control System. When controls are in neutral position, flow is minimized resulting in longer component life and lower fuel consumption and sound levels.

Hydraulic Cross-Sensing System. The system utilizes each of the main hydraulic pumps to 100 percent of engine power under all operating conditions, resulting in faster implement speeds and pivot turns.

Stick Regeneration Circuit. Saves energy while the stick is in use, providing shorter cycle times and lower operating costs.

Pilot System. Increased pilot hydraulic pressure provides better control to the front linkage, swing and travel operations.

Precise Control. Hydraulics deliver smooth changes in speed and outstanding overall control, so operators remain comfortable and productive throughout the day.

Boom Drift Reducing Valve. This valve reduces the natural drift of the boom, so lifted material will remain suspended for long periods with virtually no drift.

Auxiliary Hydraulic Valve. The auxiliary hydraulic valve is standard on the 314C CR for use with optional hydraulic circuits.

Front Linkage

Designed for maximum flexibility to keep productivity and efficiency high on all jobs.

Front Linkage Attachments. Allows the use of one boom, two sticks and five buckets. Using these combinations makes the excavator productive in a wide range of applications.

Boom. The boom is designed to provide maximum digging capability. The Cat one-piece boom features a fabricated box-section design. Robotic welding and high-tensile strength steel on upper, lower and side plates provide high durability and consistency.

Sticks. Two stick attachments are available: a long stick to maximize reach or medium stick for the most versatile front linkage. Both sticks use a box-section design made of high tensile-strength steel and a buffer plate.

Linkage Bearings. A self-lubricated, sintered bearing greatly extends the greasing interval on front linkage pins by reducing pin friction. Greasing intervals on the bucket swing pin connection are also extended using a mesh bearing design.

Buckets. High tensile-strength steel is used in high-stress areas for excellent wear and shock resistance. The side plates are angled to prevent contact of the bucket sidewalls during trenching operations. All five bucket sizes are a general-purpose design and share a common side profile.

Bucket-Flop Adjustment Mechanism. All 300-family excavators are equipped with this feature, allowing the operator or service person to reduce the side play at the bucket to stick-nose connection. This attachment is only available when Cat buckets are ordered.

Undercarriage and Blades

Durable undercarriage absorbs stresses and provides excellent stability.

Track Types. The 314C CR is available with two different track types: standard and long.

Carbody and Track Roller Frame. X-shaped, box-section carbody provides high rigidity and excellent resistance to torsional bending. The track frame is made from a press-formed pentagonal section for maximum strength and long service life. The carbody and track roller frames use robotic welding to ensure continuous, high-quality welds.

Rollers and Idlers. Sealed and lubricated track rollers, carrier rollers and idlers provide excellent service life to keep the machine in the field longer.

Main Frame. The rugged main frame is designed for maximum durability and efficient use of materials.

Grease-Lubricated Track. Grease-lubricated seals protect the track link and provide longer wear life by helping to keep dirt and debris from entering the pin and bushing joint.

Roller Lubrication. All rollers, sprockets and idler joints are closed with floating seals. Lubricating oil from the seals prevents water and dirt from entering. The seals also make lubrication maintenance-free.

Travel Motors. Automatic speed selection enables the machine to automatically shift up and down from high and low speeds in a smooth, controlled manner. An “anti-hunt” feature eliminates the hunting often associated with auto shifting when operating near the shift point.

Idler Guard. An idler guard is integral to the track roller frame. This standard guard helps maintain track alignment while traveling or working on slopes.

Segment-Type Rubber Track. Optional segment-type rubber track prevents damage to concrete and other road surfaces, especially in urban areas.

Rubber Pads. The 314C CR standard shoe has four extra holes for installation of steel-backed rubber street pads. Optional rubber pads are attached to the track shoes, eliminating potential damage to paved road surfaces. (Pads are installed by your local Caterpillar dealer or can be purchased through the dealer for later installation.)

Blades. Three blade widths are available as attachments. The bolt-on cutting edge consists of three pieces, which can be reused by turning them upside down. Replaceable bolt-on edges protect the blade from damage and wear. Mesh bearings in the pin joints of the blade cylinder extend the greasing interval.

Operator Station

Designed for simple, easy operation, the 314C CR allows the operator to focus on production.

Cab Design. An enlarged cab with curved styling gives the operator a comfortable, spacious working environment and improved visibility.

Sliding Door. The cab door slides alongside the cab and takes less space to open and close than a hinged door. This unique design allows the operator to easily get in and out of the cab when working against walls on job sites, even when attachments are added.

Consoles. Redesigned consoles feature a simple, functional design. Both consoles have attached adjustable armrests and slide forward and backward.

Monitor. A compact monitor is located at the right console for excellent visibility from the operator's seat. The monitor displays instrument panel gauges and indicators in an easy-to-read format.

Cab Mounts. The cab shell is attached to the frame with viscous rubber cab mounts, that dampen vibrations and sound levels while enhancing operator comfort.

Travel Controls. The footrest provides a more comfortable way to control the travel pedals. The two travel control levers have a reverse-L shape, making them easier to operate. Lever stroke and force have been adjusted to improve fine control and to prevent jolting during travel.

Seat. The low-back seat slides forward and backward independent of the consoles, so it can be adjusted to the operator's comfort level.

Hydraulic Activation Control Lever. For added safety, this lever must be in the locked position before the operator can leave the cab. This feature prevents the machine from operating without the operator in the cab.

Climate Control. The 314C CR features a fully automatic climate control. The air conditioner is standard and adjusts temperature and flow.

Serviceability

Simplified service and maintenance save you time and money.

Extended Service Intervals. Extended service and maintenance intervals reduce service time and machine availability. Use of oil-free bearings extends front linkage greasing interval to 1000 hours, except in bucket area.

Ground-Level Maintenance. For operator convenience, most daily maintenance areas can be easily reached from ground level.

Fan Guard. Engine radiator fan is completely enclosed by fine wire mesh, reducing the risk of injury.

DT Electrical Connectors. Connectors are water- and vibration-resistant, improving electrical system reliability.

Radiator and Pump Compartment. Opening the engine hood allows easy access to the engine radiator and the oil cooler. A reserve tank and drain cock are attached to the radiator to simplify maintenance.

Air Filter. Cat radial seal provides superior cleaning efficiency.

Engine Inspection. The engine can be accessed from the upper structure or from under the machine. A steel wall separates the engine and pump compartments, preventing hydraulic oil from spraying on the engine in the event of a hydraulic line failure.

Engine Maintenance. To make daily servicing easier, the oil level gauge, oil filter, fuel filter and priming pump are grouped in front of the engine.

Fuel Tank. A drain cock is installed at the bottom of the tank, making it easier to remove water and sediment during maintenance.

Fuel-Water Separator. The water separator has a primary fuel filter element and is located in the radiator compartment for easy access from the ground.

Complete Customer Support

Cat dealer services help you operate longer with lower costs.

Selection. Make detailed comparisons of the machines you are considering before you buy. What are the job requirements, machine attachments and operating hours? What production is needed? What is the true cost of lost production? Your Cat dealer can give precise answers to these questions.

Purchase. Look past the initial price; look at the value the 314C CR offers. Consider the resale value and compare productivity and day-to-day operating costs. Consult your local Cat dealer for financing options.

Operation. For the best operating techniques to increase productivity and your profit, turn to your Cat dealer for the latest training literature and trained staff.

Maintenance. Repair option programs guarantee the cost of repairs up front. Diagnostic programs such as Scheduled Oil Sampling and Technical Analysis help you avoid unscheduled repairs.

Replacement. Repair, rebuild or replace? Your Cat dealer can help you evaluate the cost involved so you can make the right choice.

Product Support. You will find nearly all parts at our dealer parts counter. Cat dealers utilize a worldwide computer network to find in-stock parts to minimize machine downtime. You can save money with Cat remanufactured components.

Warranty. Your local Cat dealer is there to support and protect you. Extended warranty options are also available.

Engine

Engine Model	Cat 3064 T	
Gross Power	70 kW	94 hp
Flywheel Power	67 kW	90 hp
ISO 9249	67 kW	90 hp
SAE J1349	67 kW	90 hp
EEC 80/1269	67 kW	90 hp
Bore	102 mm	4 in
Stroke	130 mm	5.1 in
Displacement	4.25 L	259 in^3

Weights

Operating Weight	14 810 kg	32,590 lb

- Equipped with 2600 mm (8'6") blade, one-piece boom, long undercarriage, 3000 mm (9'10") stick, 600 mm (24") shoes, 760 mm (30") bucket, and 0.41 m^3 (0.53 yd^3) bucket capacity.

Swing Mechanism

Swing Torque	30 900 N•m	22,790 lb•ft
Swing Speed	12.6 RPM	

Drive

Maximum Drawbar Pull	110 kN	24,730 lb
Travel Speed	5.5 kph	3.4 mph

Hydraulic System

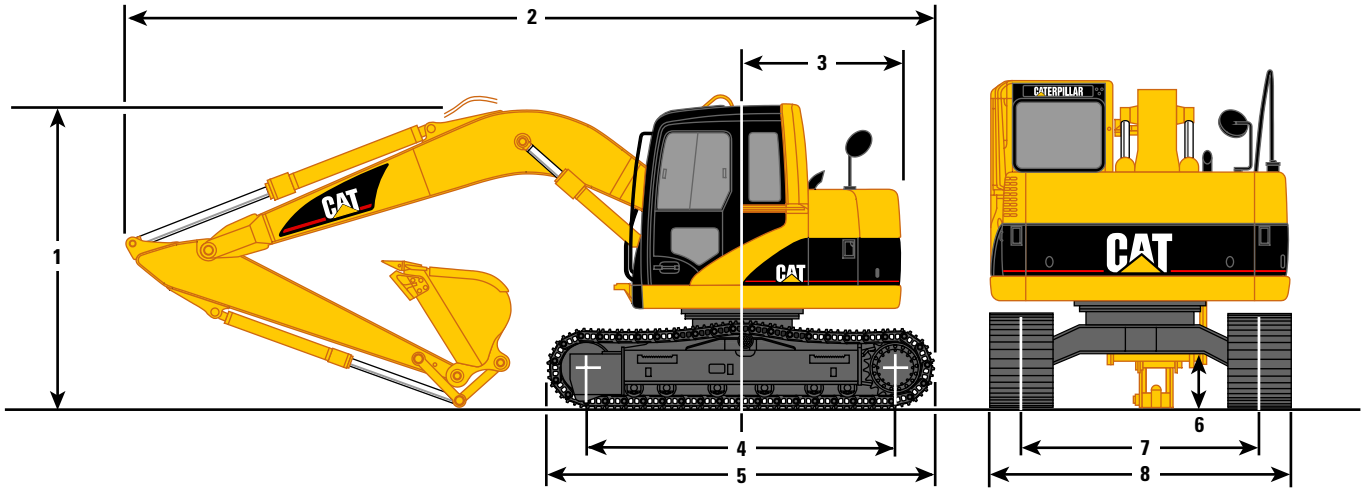
Main Implement System - Maximum Flow (2x)	127 L/min	33.5 gal/min
Maximum Pressure - Implements	29 900 kPa	4,340 psi
Maximum Pressure - Travel	34 300 kPa	4,980 psi
Maximum Pressure - Swing	23 050 kPa	3,340 psi
Pilot System - Maximum Flow	26.9 L/min	6.9 gal/min
Pilot System - Maximum Pressure	4120 kPa	600 psi
Blade - Maximum Flow	58.5 L/min	15.5 gal/min
Blade System - Maximum Pressure	20 600 kPa	2,990 psi
Boom Cylinder - Bore	110 mm	4 in
Boom Cylinder - Stroke	1000 mm	39.4 in
Stick Cylinder - Bore	120 mm	4.7 in
Stick Cylinder - Stroke	1197 mm	47.1 in
Bucket Cylinder - Bore	100 mm	3.9 in
Bucket Cylinder - Stroke	939 mm	37 in

Service Refill Capacities

Fuel Tank	200 L	52.8 gal
Cooling System	17.5 L	4.6 gal
Engine Oil	17.5 L	4.6 gal
Swing Drive	3 L	0.8 gal
Final Drive (Each)	2.5 L	0.66 gal
Hydraulic System (Including Tank)	150 L	39.6 gal
Hydraulic Tank	120 L	31.7 gal

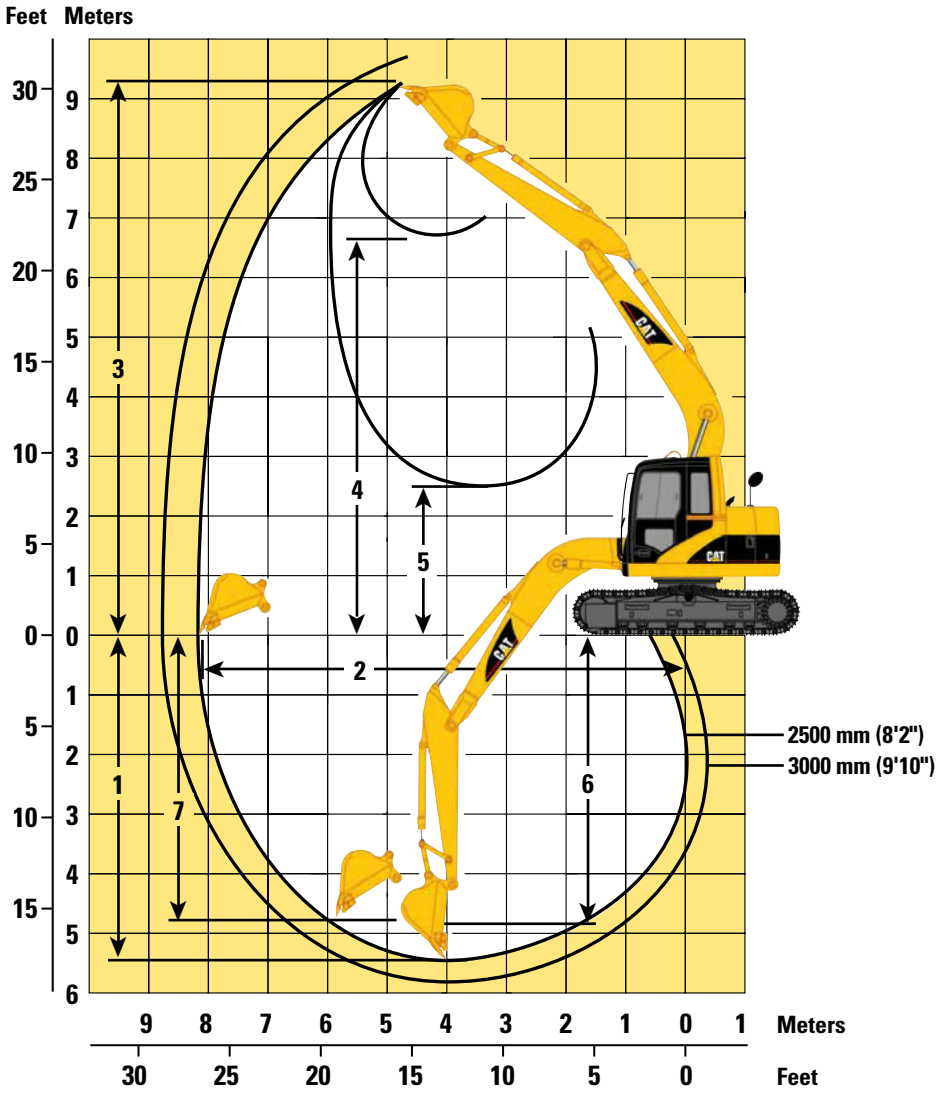
Dimensions

All dimensions are approximate.



Boom 4.65 m (15'3")	2500 mm (8'2") Stick	3000 mm (9'10") Stick
1 Shipping height	2810 mm (9'3")	2730 mm (8'11")
2 Shipping length		
314C CR	7280 mm (23'11")	7280 mm (23'11")
314C LCR	7410 mm (24'4")	7410 mm (24'4")
3 Tail swing radius	1480 mm (4'10")	1480 mm (4'10")
4 Length to centers of rollers		
314C CR	2780 mm (9'1")	2780 mm (9'1")
314C LCR	3040 mm (9'11")	3040 mm (9'11")
5 Track length		
314C CR	3490 mm (11'5")	3490 mm (11'5")
314C LCR	3750 mm (12'4")	3750 mm (12'4")
6 Ground clearance	455 mm (1'6")	455 mm (1'6")
7 Track gauge	1990 mm (6'6")	1990 mm (6'6")
8 Transport width		
500 mm (20") shoes	2490 mm (8'2")	2490 mm (8'2")
600 mm (24") shoes	2590 mm (8'6")	2590 mm (8'6")
700 mm (28") shoes	2690 mm (8'10")	2690 mm (8'10")

Working Ranges



Stick Length	2500 mm (8'2")*	3000 mm (9'10")**
1 Maximum Digging Depth	5450 mm (17'11")	5950 mm (19'6")
2 Maximum Reach at Ground Level	8180 mm (26'10")	8630 mm (28'4")
3 Maximum Cutting Height	9300 mm (30'6")	9620 mm (31'7")
4 Maximum Loading Height	6860 mm (22'6")	7190 mm (23'7")
5 Minimum Loading Height	2500 mm (8'2")	2060 mm (6'9")
6 Maximum Depth Cut for 2440 mm (8') Level Bottom	5240 mm (17'2")	5770 mm (18'11")
7 Maximum Vertical Wall Digging Depth	4910 mm (16'1")	5330 mm (17'6")
Minimum Front Swing Radius	1970 mm (6'6")	2220 mm (7'3")
Stick Digging Force (SAE)	63 kN (14,100 lb)	56 kN (12,600 lb)
Bucket Digging Force (SAE)	84 kN (18,800 lb)	84 kN (18,800 lb)

* – Measurements shown are for machines equipped with the 0.52 m^3 (0.68 yd^3) bucket
** – Measurements shown are for machines equipped with the 0.41 m^3 (0.53 yd^3) bucket

Operating Weights

Caterpillar designed and built track-type undercarriage.

314C CR

Track width		Operating Weight (medium stick)		Operating Weight (long stick)	
standard	500 mm (20") triple grouser	13 500 kg	(29,800 lb)	13 600 kg	(29,900 lb)
	2500 mm (8'2") Blade: add	800 kg	(1780 lb)	800 kg	(1780 lb)
optional	600 mm (24") triple grouser	13 800 kg	(30,400 lb)	13 800 kg	(30,400 lb)
	2600 mm (8'6") Blade: add	810 kg	(1790 lb)	810 kg	(1790 lb)
	700 mm (28") triple grouser	14 000 kg	(30,900 lb)	14 000 kg	(31,000 lb)
	2700 mm (8'10") Blade: add	820 kg	(1810 lb)	820 kg	(1810 lb)
	500 mm (20") segmented rubber track	13 600 kg	(30,000 lb)	13 600 kg	(30,000 lb)
	2500 mm (8'2") Blade: add	800 kg	(1780 lb)	800 kg	(1780 lb)

314C LCR

Track width		Operating Weight (medium stick)		Operating Weight (long stick)	
standard	500 mm (20") triple grouser	13 700 kg	(30,200 lb)	13 700 kg	(30,200 lb)
	2500 mm (8'2") Blade: add	800 kg	(1780 lb)	800 kg	(1780 lb)
optional	600 mm (24") triple grouser	13 900 kg	(30,700 lb)	14 000 kg	(30,800 lb)
	2600 mm (8'6") Blade: add	810 kg	(1790 lb)	810 kg	(1790 lb)
	700 mm (28") triple grouser	14 200 kg	(31,300 lb)	14 200 kg	(31,300 lb)
	2700 mm (8'10") Blade: add	820 kg	(1810 lb)	820 kg	(1810 lb)

Buckets

Buckets have tapered sides, angled corner teeth, dual radius curvature, horizontal wear strips, and holes for optional side cutters.

				Recommended Maximum Material Density			
Width		Capacity		Medium Stick		Long Stick	
mm	in	m^3	yd^3	kg/m^3	lbs/yd^3	kg/m^3	lbs/yd^3
610	24	0.30	0.39	1800	3000	1800	3000
760	30	0.40	0.53	1800	3000	1800	3000
910	36	0.52	0.68	1800	3000	1500	2500
1070	42	0.63	0.82	1500	2500	1200	2000
1220	48	0.74	0.97	1200	2000	1000	1700

Undercarriage

Caterpillar designed and built track-type undercarriage.

	Track width	Ground Pressure	
		314C CR	314C LCR
Standard	500 mm (20") triple grouser	44 kPa (6.4 psi)	41 kPa (5.9 psi)
Optional	600 mm (24") triple grouser	37 kPa (5.4 psi)	35 kPa (5.0 psi)
	700 mm (28") triple grouser	32 kPa (4.7 psi)	30 kPa (4.4 psi)
	500 mm (20") segmented rubber track	44 kPa (6.4 psi)	— (—)

Reach Boom Lift Capacities

 Load Point Height

 Load at Maximum Reach

 Load Radius Over Front

 Load Radius Over Side

STICK – 2500 mm (8'2")
BUCKET – 0.52 m³ (0.68 yd³)/36"

UNDERCARRIAGE – Standard
SHOES – 600 mm (24") triple grouser

BOOM – 4650 mm (15'3")
BLADE – Up (or Without Blade)

		1.5 m (5.0 ft)		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)				
												m ft
7.5 m **25.0 ft**	kg **lb**									*1550 ***3500**	*1550 ***3500**	5.15 **16.32**
6.0 m **20.0 ft**	kg **lb**					*3250 ***7150**	*3250 ***7150**			*1350 ***2900**	*1350 ***2900**	6.71 **21.78**
4.5 m **15.0 ft**	kg **lb**					*3550 ***7700**	3400 **7300**	2950 **6350**	2050 **4300**	*1250 ***2750**	*1250 ***2750**	7.56 **24.69**
3.0 m **10.0 ft**	kg **lb**			*5950 ***12,750**	*5950 ***12,750**	*4200 ***9050**	3200 **6900**	2900 **6200**	1950 **4200**	*1250 ***2750**	1200 **2600**	7.96 **26.10**
1.5 m **5.0 ft**	kg **lb**			*7850 ***16,850**	5500 **11,850**	4450 **9500**	2950 **6350**	2800 **5950**	1850 **4000**	*1350 ***2950**	1150 **2450**	8.01 **26.29**
Ground Line	kg **lb**			*6600 ***15,300**	5150 **11,000**	4250 **9050**	2750 **5900**	2700 **5750**	1800 **3800**	*1550 ***3350**	1200 **2600**	7.71 **25.31**
–1.5 m **–5.0 ft**	kg **lb**	*4450 ***9900**	*4450 ***9900**	*7300 ***15,850**	5050 **10,850**	4150 **8850**	2700 **5750**	2650 **5700**	1750 **3700**	*1850 ***4100**	1400 **3050**	7.02 **22.98**
–3.0 m **–10.0 ft**	kg **lb**	*7800 ***17,550**	*7800 ***17,550**	*5650 ***12,100**	5150 **11,100**	*3900 ***8300**	2700 **5850**			*1800 ***3850**	*1800 ***3850**	5.77 **18.74**

* Limited by hydraulic capacity rather than tipping load. The above loads are in compliance with SAE hydraulic excavator lift capacity rating standard J1097. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity. Weight of all lifting accessories must be deducted from the above lifting capacities.

STICK – 2500 mm (8'2")
BUCKET – 0.52 m³ (0.68 yd³)/36"

UNDERCARRIAGE – Standard
SHOES – 600 mm (24") triple grouser

BOOM – 4650 mm (15'3")
BLADE – Down

		1.5 m (5.0 ft)		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)				
												m ft
7.5 m **25.0 ft**	kg **lb**									*1550 ***3500**	*1550 ***3500**	5.15 **16.32**
6.0 m **20.0 ft**	kg **lb**					*3250 ***7150**	*3250 ***7150**			*1350 ***2900**	*1350 ***2900**	6.71 **21.78**
4.5 m **15.0 ft**	kg **lb**					*3550 ***7700**	*3550 ***7700**	*3200 ***6900**	2400 **5150**	*1250 ***2750**	*1250 ***2750**	7.56 **24.69**
3.0 m **10.0 ft**	kg **lb**			*5950 ***12,750**	*5950 ***12,750**	*4200 ***9050**	3800 **8150**	*3400 ***7350**	2350 **5050**	*1250 ***2750**	*1250 ***2750**	7.96 **26.10**
1.5 m **5.0 ft**	kg **lb**			*7850 ***16,850**	6700 **14,350**	*4900 ***10,600**	3550 **7600**	*3650 ***7900**	2250 **4800**	*1350 ***2950**	*1350 ***2950**	8.01 **26.29**
Ground Line	kg **lb**			*6600 ***15,300**	6300 **13,500**	*5200 ***11,300**	3350 **7150**	*3750 ***8100**	2150 **4600**	*1550 ***3350**	1450 **3200**	7.71 **25.31**
–1.5 m **–5.0 ft**	kg **lb**	*4450 ***9900**	*4450 ***9900**	*7300 ***15,850**	6250 **13,350**	*4950 ***10,650**	3250 **7000**	*3450 ***7350**	2100 **4550**	*1850 ***4100**	1700 **3750**	7.02 **22.98**
–3.0 m **–10.0 ft**	kg **lb**	*7800 ***17,550**	*7800 ***17,550**	*5650 ***12,100**	*5650 ***12,100**	*3900 ***8300**	3300 **7050**			*1800 ***3850**	*1800 ***3850**	5.77 **18.74**

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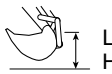
Reach Boom Lift Capacities

 Load Point Height

 Load at Maximum Reach

 Load Radius Over Front

 Load Radius Over Side

STICK – 3000 mm (9'10")
BUCKET – 0.41 m³ (0.53 yd³)/30"

UNDERCARRIAGE – Standard
SHOES – 600 mm (24") triple grouser

BOOM – 4650 mm (15'3")
BLADE – Up (or Without Blade)

		1.5 m (5.0 ft)		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)		7.5 m (25.0 ft)				
														m ft
7.5 m **25.0 ft**	kg **lb**					*1800 ***3700**	*1800 ***3700**					*1400 ***3100**	*1400 ***3100**	5.89 **18.82**
6.0 m **20.0 ft**	kg **lb**					*2850 ***6300**	*2850 ***6300**	*2300 ***4650**	2150 **4550**			*1200 ***2650**	*1200 ***2650**	7.25 **23.58**
4.5 m **15.0 ft**	kg **lb**					*3150 ***6900**	*3150 ***6900**	*2950 ***6400**	2100 **4450**			*1150 ***2550**	*1150 ***2550**	8.03 **26.26**
3.0 m **10.0 ft**	kg **lb**			*5000 ***10,500**	*5000 ***10,500**	*3850 ***8300**	3300 **7050**	2950 **6300**	2000 **4300**	*1800 ***4000**	1300 **2850**	*1200 ***2600**	1050 **2350**	8.41 **27.57**
1.5 m **5.0 ft**	kg **lb**			*7300 ***15,650**	5700 **12,250**	4500 **9650**	3000 **6450**	2800 **6050**	1900 **4050**	1950 **4100**	1250 **2650**	*1250 ***2750**	1050 **2250**	8.46 **27.75**
Ground Line	kg **lb**			*7550 ***17,550**	5200 **11,100**	4250 **9100**	2800 **5950**	2700 **5800**	1800 **3800**	1900 **4150**	1200 **2650**	*1400 ***3100**	1050 **2300**	8.18 **26.83**
–1.5 m **–5.0 ft**	kg **lb**	*4050 ***9050**	*4050 ***9050**	*7750 ***16,700**	5050 **10,750**	4100 **8850**	2650 **5700**	2650 **5650**	1700 **3650**			*1700 ***3750**	1200 **2650**	7.53 **24.68**
–3.0 m **–10.0 ft**	kg **lb**	*6700 ***15,100**	*6700 ***15,100**	*6350 ***13,650**	5050 **10,850**	4100 **8800**	2650 **5700**	2650 **5700**	1750 **3700**			*1950 ***4250**	1600 **3600**	6.40 **20.85**
–4.5 m **–15.0 ft**	kg **lb**			*3800 ***7850**	*3800 ***7850**	*2350 ***4550**	*2350 ***4550**					*2000 ***4300**	*2000 ***4300**	4.76 **15.31**

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STICK – 3000 mm (9'10")
BUCKET – 0.41 m³ (0.53 yd³)/30"

UNDERCARRIAGE – Standard
SHOES – 600 mm (24") triple grouser

BOOM – 4650 mm (15'3")
BLADE – Down

		1.5 m (5.0 ft)		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)		7.5 m (25.0 ft)				
														m ft
7.5 m **25.0 ft**	kg **lb**					*1800 ***3700**	*1800 ***3700**					*1400 ***3100**	*1400 ***3100**	5.89 **18.82**
6.0 m **20.0 ft**	kg **lb**					*2850 ***6300**	*2850 ***6300**	*2300 ***4650**	*2300 ***4650**			*1200 ***2650**	*1200 ***2650**	7.25 **23.58**
4.5 m **15.0 ft**	kg **lb**					*3150 ***6900**	*3150 ***6900**	*2950 ***6400**	2500 **5300**			*1150 ***2550**	*1150 ***2550**	8.03 **26.26**
3.0 m **10.0 ft**	kg **lb**			*5000 ***10,500**	*5000 ***10,500**	*3850 ***8300**	*3850 ***8300**	*3200 ***6950**	2400 **5100**	*1800 ***4000**	1600 **3450**	*1200 ***2600**	*1200 ***2600**	8.41 **27.57**
1.5 m **5.0 ft**	kg **lb**			*7300 ***15,650**	6900 **14,800**	*4650 ***10,050**	3600 **7700**	*3500 ***7600**	2300 **4850**	*2450 ***4500**	1550 **3300**	*1250 ***2750**	*1250 ***2750**	8.46 **27.75**
Ground Line	kg **lb**			*7550 **17,550**	6350 **13,600**	*5150 ***11,100**	3350 **7200**	*3700 ***8050**	2150 **4650**	*2200 ***4800**	1500 **3300**	*1400 ***3100**	1300 **2900**	8.18 **26.83**
–1.5 m **–5.0 ft**	kg **lb**	*4050 ***9050**	*4050 ***9050**	*7750 ***16,700**	6200 **13,250**	*5050 ***10,950**	3250 **6950**	*3600 ***7700**	2100 **4500**			*1700 ***3750**	1500 **3300**	7.53 **24.68**
–3.0 m **–10.0 ft**	kg **lb**	*6700 ***15,100**	*6700 ***15,100**	*6350 ***13,650**	6250 **13,350**	*4300 ***9250**	3250 **6950**	*2850 ***5850**	2100 **4550**			*1950 ***4250**	*1950 ***4250**	6.40 **20.85**
–4.5 m **–15.0 ft**	kg **lb**			*3800 ***7850**	*3800 ***7850**	*2350 ***4550**	*2350 ***4550**					*2000 ***4300**	*2000 ***4300**	4.76 **15.31**

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Reach Boom Lift Capacities

 Load Point Height

 Load at Maximum Reach

 Load Radius Over Front

 Load Radius Over Side

STICK – 2500 mm (8'2")
BUCKET – 0.52 m³ (0.68 yd³)/36"

UNDERCARRIAGE – Long
SHOES – 600 mm (24") triple grouser

BOOM – 4650 mm (15'3")
BLADE – Up (or Without Blade)

		1.5 m (5.0 ft)		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)				
												m ft
7.5 m **25.0 ft**	kg **lb**									*1550 ***3450**	*1550 ***3450**	5.15 **16.32**
6.0 m **20.0 ft**	kg **lb**					*3250 ***7100**	*3250 ***7100**			*1300 ***2900**	*1300 ***2900**	6.71 **21.78**
4.5 m **15.0 ft**	kg **lb**					*3550 ***7700**	3450 **7350**	*3150 ***6850**	2050 **4350**	*1250 ***2700**	*1250 ***2700**	7.56 **24.69**
3.0 m **10.0 ft**	kg **lb**			*5950 ***12,750**	*5950 ***12,750**	*4200 ***9050**	3250 **6950**	3300 **7100**	2000 **4250**	*1250 ***2750**	1200 **2600**	7.96 **26.10**
1.5 m **5.0 ft**	kg **lb**			*7800 ***16,850**	5550 **11,950**	*4900 ***10,550**	3000 **6400**	3200 **6850**	1900 **4000**	*1350 ***2950**	1150 **2450**	8.01 **26.29**
Ground Line	kg **lb**			*6600 ***15,300**	5200 **11,100**	4900 **10,550**	2800 **6000**	3100 **6650**	1800 **3850**	*1500 ***3300**	1200 **2600**	7.71 **25.31**
–1.5 m **–5.0 ft**	kg **lb**	*4400 ***9900**	*4400 ***9900**	*7300 ***15,800**	5100 **10,950**	4800 **10,350**	2700 **5800**	3050 **6550**	1750 **3750**	*1850 ***4050**	1400 **3050**	7.02 **22.98**
–3.0 m **–10.0 ft**	kg **lb**	*7800 ***17,550**	*7800 ***17,550**	*5600 ***12,050**	5250 **11,200**	*3900 ***8250**	2750 **5900**			*1750 ***3800**	*1750 ***3800**	5.77 **18.74**

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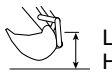
SHOES – 600 mm (24") triple grouser

BOOM – 4650 mm (15'3")
BLADE – Down

		1.5 m (5.0 ft)		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)				
												m ft
7.5 m **25.0 ft**	kg **lb**									*1550 ***3450**	*1550 ***3450**	5.15 **16.32**
6.0 m **20.0 ft**	kg **lb**					*3250 ***7100**	*3250 ***7100**			*1300 ***2900**	*1300 ***2900**	6.71 **21.78**
4.5 m **15.0 ft**	kg **lb**					*3550 ***7700**	*3550 ***7700**	*3150 ***6850**	2450 **5200**	*1250 ***2700**	*1250 ***2700**	7.56 **24.69**
3.0 m **10.0 ft**	kg **lb**			*5950 ***12,750**	*5950 ***12,750**	*4200 ***9050**	3800 **8200**	*3400 ***7350**	2350 **5050**	*1250 ***2750**	*1250 ***2750**	7.96 **26.10**
1.5 m **5.0 ft**	kg **lb**			*7800 ***16,850**	6750 **14,450**	*4900 ***10,550**	3550 **7650**	*3650 ***7900**	2250 **4850**	*1350 ***2950**	*1350 ***2950**	8.01 **26.29**
Ground Line	kg **lb**			*6600 ***15,300**	6350 **13,600**	*5200 ***11,250**	3350 **7200**	*3750 ***8050**	2200 **4650**	*1500 ***3300**	1450 **3200**	7.71 **25.31**
–1.5 m **–5.0 ft**	kg **lb**	*4400 ***9900**	*4400 ***9900**	*7300 ***15,800**	6300 **13,450**	*4950 ***10,650**	3300 **7050**	*3450 ***7350**	2150 **4550**	*1850 ***4050**	1700 **3750**	7.02 **22.98**
–3.0 m **–10.0 ft**	kg **lb**	*7800 ***17,550**	*7800 ***17,550**	*5600 ***12,050**	*5600 ***12,050**	*3900 ***8250**	3300 **7100**			*1750 ***3800**	*1750 ***3800**	5.77 **18.74**

* Limited by hydraulic capacity rather than tipping load. The above loads are in compliance with SAE hydraulic excavator lift capacity rating standard J1097. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity. Weight of all lifting accessories must be deducted from the above lifting capacities.

Reach Boom Lift Capacities

 Load Point Height

 Load at Maximum Reach

 Load Radius Over Front

 Load Radius Over Side

STICK – 3000 mm (9'10")
BUCKET – 0.41 m³ (0.53 yd³)/30"

UNDERCARRIAGE – Long
SHOES – 600 mm (24") triple grouser

BOOM – 4650 mm (15'3")
BLADE – Up (or Without Blade)

		1.5 m (5.0 ft)		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)		7.5 m (25.0 ft)				
														m ft
7.5 m **25.0 ft**	kg **lb**					*1800 ***3700**	*1800 ***3700**					*1350 ***3000**	*1350 ***3000**	5.89 **18.82**
6.0 m **20.0 ft**	kg **lb**					*2850 ***6200**	*2850 ***6200**	*2300 ***4600**	2150 **4550**			*1200 ***2600**	*1200 ***2600**	7.25 **23.58**
4.5 m **15.0 ft**	kg **lb**					*3150 ***6800**	*3150 ***6800**	*2900 ***6300**	2100 **4450**			*1150 ***2450**	*1150 ***2450**	8.03 **26.26**
3.0 m **10.0 ft**	kg **lb**			*4950 ***10,500**	*4950 ***10,500**	*3800 ***8250**	3300 **7050**	*3150 ***6850**	2000 **4300**	*1800 ***3900**	1300 **2800**	*1150 ***2500**	1050 **2300**	8.41 **27.57**
1.5 m **5.0 ft**	kg **lb**			*7250 ***15,600**	5750 **12,350**	*4600 ***9950**	3000 **6500**	3200 **6900**	1900 **4050**	2200 ***4450**	1250 **2650**	*1250 ***2700**	1000 **2200**	8.46 **27.75**
Ground Line	kg **lb**			*7550 ***17,450**	5200 **11,200**	4950 **10,550**	2800 **6000**	3100 **6650**	1800 **3800**	2150 **4700**	1200 **2650**	*1400 ***3050**	1050 **2300**	8.18 **26.83**
–1.5 m **–5.0 ft**	kg **lb**	*4000 ***9000**	*4000 ***9000**	*7700 ***16,650**	5050 **10,850**	4800 **10,250**	2700 **5750**	3050 **6500**	1700 **3650**			*1700 ***3700**	1200 **2650**	7.53 **24.68**
–3.0 m **–10.0 ft**	kg **lb**	*6700 ***15,000**	*6700 ***15,000**	*6350 ***13,600**	5100 **10,950**	*4300 ***9150**	2650 **5700**	*2800 ***5800**	1750 **3700**			*1950 ***4200**	1600 **3600**	6.40 **20.85**
–4.5 m **–15.0 ft**	kg **lb**			*3750 ***7800**	*3750 ***7800**	*2300 ***4500**	*2300 ***4500**					*2000 ***4200**	*2000 ***4200**	4.76 **15.31**

* Limited by hydraulic capacity rather than tipping load. The above loads are in compliance with SAE hydraulic excavator lift capacity rating standard J1097. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity. Weight of all lifting accessories must be deducted from the above lifting capacities.

STICK – 3000 mm (9'10")
BUCKET – 0.41 m³ (0.53 yd³)/30"

UNDERCARRIAGE – Long
SHOES – 600 mm (24") triple grouser

BOOM – 4650 mm (15'3")
BLADE – Down

		1.5 m (5.0 ft)		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)		7.5 m (25.0 ft)				
														m ft
7.5 m **25.0 ft**	kg **lb**					*1800 ***3700**	*1800 ***3700**					*1350 ***3000**	*1350 ***3000**	5.89 **18.82**
6.0 m **20.0 ft**	kg **lb**					*2850 ***6200**	*2850 ***6200**	*2300 ***4600**	*2300 ***4600**			*1200 ***2600**	*1200 ***2600**	7.25 **23.58**
4.5 m **15.0 ft**	kg **lb**					*3150 ***6800**	*3150 ***6800**	*2900 ***6300**	2500 **5300**			*1150 ***2450**	*1150 ***2450**	8.03 **26.26**
3.0 m **10.0 ft**	kg **lb**			*4950 ***10,500**	*4950 ***10,500**	*3800 ***8250**	*3800 ***8250**	*3150 ***6850**	2400 **5100**	*1800 ***3900**	1600 **3450**	*1150 ***2500**	*1150 ***2500**	8.41 **27.57**
1.5 m **5.0 ft**	kg **lb**			*7250 ***15,600**	6950 **14,900**	*4600 ***9950**	3600 **7750**	*3500 ***7550**	2250 **4850**	*2450 ***4450**	1550 **3250**	*1250 ***2700**	*1250 ***2700**	8.46 **27.75**
Ground Line	kg **lb**			*7550 ***17,450**	6400 **13,650**	*5100 ***11,050**	3350 **7250**	*3700 ***7950**	2150 **4600**	2150 **4750**	1500 **3250**	*1400 ***3050**	1300 **2850**	8.18 **26.83**
–1.5 m **–5.0 ft**	kg **lb**	*4000 ***9000**	*4000 ***9000**	*7700 ***16,650**	6200 **13,300**	*5050 ***10,900**	3250 **6950**	*3550 ***7650**	2100 **4500**			*1700 ***3700**	1500 **3300**	7.53 **24.68**
–3.0 m **–10.0 ft**	kg **lb**	*6700 ***15,000**	*6700 ***15,000**	*6350 ***13,600**	6250 **13,450**	*4300 ***9150**	3250 **6950**	*2800 ***5800**	2100 **4550**			*1950 ***4200**	*1950 ***4200**	6.40 **20.85**
–4.5 m **–15.0 ft**	kg **lb**			*3750 ***7800**	*3750 ***7800**	*2300 ***4500**	*2300 ***4500**					*2000 ***4200**	*2000 ***4200**	4.76 **15.31**

* Limited by hydraulic capacity rather than tipping load. The above loads are in compliance with SAE hydraulic excavator lift capacity rating standard J1097. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity. Weight of all lifting accessories must be deducted from the above lifting capacities.

Standard Equipment

Standard equipment may vary. Consult your Caterpillar dealer for specifics.

Alternator, 50 amp
Automatic swing parking brake
Auxiliary hydraulic valve
Batteries
Boom drift reduction valve
Cab:
- Air conditioner with defroster
- AM/FM radio
- Ashtray
- Beverage holder
- Coat hook
- Floor mat
- Horn
- Instrument panel and gauges
- Joysticks, pilot-operated
- KAB T1P seat with adjustable armrest, without head rest
- Lighting, interior
- Literature compartment
- Neutral lever (lockout) for all controls
- Openable front windshield
- Openable skylight
- Pillar mounted windshield wiper and washer
- Rear window emergency exit
- Seat belt
- Travel control pedals with hand levers
- Utility space for magazines

Counterweight
Door and caps lock with one-key security system
Hydraulic oil cooler
Mirrors (frame right and cab left)
Power Train:
- Cat 3064 T Diesel engine
- 24-volt electric starting
- One touch low idle
- Cooling system
- Water separator
- Two speed auto-shift travel
- Straight line travel
- Muffler

Reverse swing damping valve
Stick drift reduction valve
Tow eyes
Undercarriage:
- Hydraulic track adjusters
- Track-type undercarriage with grease lubricated seals
- Idler end track guiding guards
- 500 mm (20") triple grouser shoes with additional holes for mounting rubber street pads

Working light, chassis mounted

Optional Equipment

Optional equipment may vary. Consult your Caterpillar dealer for specifics.

Auxiliary hydraulic lines for sticks and boom
Blade, 2500 mm (8'2"), for use with 500 mm (20") steel or segment rubber track
Blade, 2600 mm (8'6"), for use with 600 mm (24") track
Blade, 2700 mm (8'10"), for use with 700 mm (28") track
Buckets
Bucket linkage
Cab mounted working lights
Cold weather start
Coolant, extended life –50° C (–58° F)
Front windshield guard
Hand control pattern changer
Hydraulic arrangements, auxiliary:
- single-function capability
- double-function capability
- combined single and double function capability

Power supply 12V-5A (cigar lighter type)
Right-side boom lights
Sidecutters
Stick and boom combinations:
- 4.65 m (15'3") boom with left side light
- 3.0 m (9'10") stick
- 2.5 m (8'2") stick

Track:
- 600 mm (24") triple grouser
- 700 mm (28") triple grouser
- 500 mm (20") segment rubber track (for 314C CR only)

Travel alarm (mandatory in certain countries)
Vandalism guard

314C CR Hydraulic Excavator

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