



*TGS → Texada Inc
 (TM Forum, Vic)*

888677

Announcing: Blubber Bay Aggregates



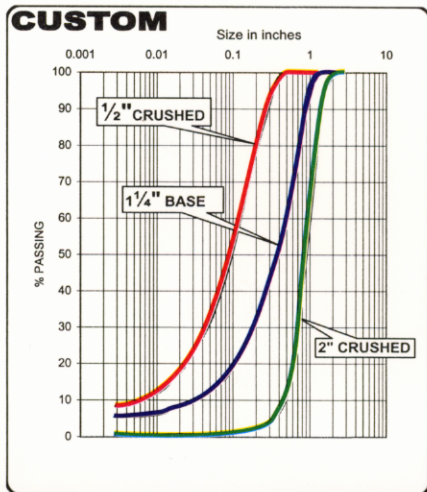
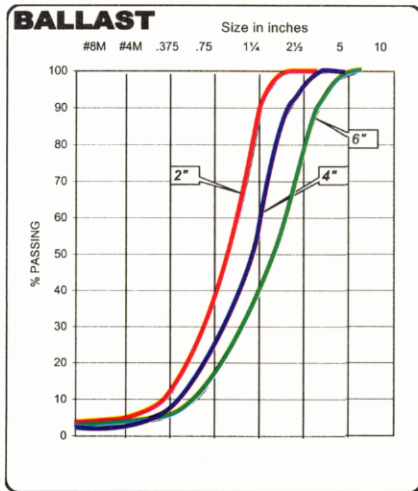
NEW!

May 23/01

- Purity of Limestone - Strength of Mag
- 17,000 ton self-unloading deliveries to YOUR site
- Asphalt, Concrete, Ballast, Structural Fill, Preload
- 1/2" to 6" sizing – Sharp cuts – Clean
- 80-year continuous operations
- Reserves, Reserves, Reserves

Specifications

Specific Gravity S.S.D.	2.72
Absorption percent	.20
L.A. Abrasion grading A, percentage loss	27 - 30
Magnesium Sulphate soundness percentage loss	1.4
Compressive strength	141.0 M.P.A.
Degradation	78.2
Fracture - all faces	100%
Aggregate Durability (ASTM D3744A)	Index Value 84
Potential for alkali aggregate reactivity when used in Portland Cement concrete	Non-Reactive
C.B.R. Test (ASTM D1883)	C.B.R. No. 120.8%
Clay lumps (ASTM C142)	0.0%
Resistance R - value and expansion pressure of compacted soils ASTM D2844	R. value 77.0 R. value by Exp. Pres. 0.
Seawater breakdown (CRD-C148-89)	.03
Compaction (ASTM D1557)	100+%
Asphalt Wet Coating	99%



Products

- 25mm (1.0") to 75 mm (3.0") road bases
- 25mm (1.0") to 75 mm (3.0") crushed rock bases
- 19 mm (3/4") no spec. base
- 40 mm (1 1/2") densification stone
- 19 mm (3/4) to 150 mm (6.0") mattress rock
- 75 mm (3.0") mainline ballast
- 40 mm (1 1/2") yard ballast
- 13 mm (1/2") preload


ASH GROVE CEMENT COMPANY

11811 N.E. 1st Street, Suite A310
 Bellevue, Washington 98005
 Phone: (425) 688-0110
 Fax: (425) 688-0122

P.O. Box 126
 Blubber Bay, British Columbia V0N 1E0
 Phone: (604) 486-7715
 Fax: (604) 486-7701

6720 S.W. Macadam Ave., Suite 300
 Portland, Oregon 97219-2312
 Phone: (503) 293-2333
 Fax: (503) 293-8999

BLUBBER BAY QUARRY



Welcome to Blubber Bay Quarry!

Blubber Bay Quarry is a conventional open pit mine located on the northern tip of Texada Island. The quarry has been in operation on a continuous basis since 1907. The community of Blubber Bay was built around the development of the quarry and was a thriving community from 1920 to 1968. There were fifty homes, a school, baseball diamond, community hall, store, café and bunkhouse.

Several different companies have owned Blubber Bay Quarry since 1907, starting with Pacific Lime Company. The quarry was subsequently purchased by Gypsum Lime and Albastine (1955), Domtar (1962), and Oregon Portland Cement (1983). Ash Grove Cement is the current owner and has been since 1985.

For the first 55 years Blubber Bay Quarry produced high quality lime and mortar products. The quarry ceased manufacturing lime in 1963 and now ships all its limestone via barge to other locations for further processing. Those locations include Ash Grove's Rivergate and Seattle plants, Graymont Lime in Tacoma (formerly Continental Lime), the Pacifica mill in Powell River, the Harmac and Elk Falls mills on Vancouver Island and a variety of sites in and around Vancouver. Our limestone has even been used in the sugar beet industry in California.

The area presently being mined, Pit #6, has high-magnesium limestone on the surface with higher quality (greater than 95% calcium carbonate) limestone reserves increasing with depth. This requires a juggling act to produce sufficient quantities of the correct grade of limestone for the present market requirements. In addition, the deposit is intruded by a network of dykes (igneous intrusives) which constitute approximately 25% of the deposit and have to be mined as a segregated product.

Currently Blubber Bay Quarry employs approximately 61 people. In 2000 just over 1.7 million tons were shipped to a variety of customers.

You can visit us at our web site:

www.prcn.org/blubberbayquarry/index.htm

VGS → Texada
JM Forum, Vic.
- May 22-25/01

BLUBBER BAY QUARRY AGGREGATES

SPECIFICATIONS

In addition to the specifications as shown on our full colour handout, further testing by various independent labs has produced the following results:

- i) Atterberg Limits Report on 2" minus material
Plastic Index = 1.45%
- ii) Soundness (ASTM C88)
Coarse Aggregate 1% Loss
Fine Aggregate 4% Loss
- iii) Concrete Prism Expansion Test (CSA A23.4-14A/ASTM C-1293)
Prism Expansion after 1 year = 0.006%
- iv) Flat and Elongated Particles in Coarse Aggregate (CSA A23.2-13A)

Aggregate Size	Elongated	Flat
0.75"	0%	0%
0.5"	5.9%	7.3%

- v) Mill Abrasion Loss = 3.5%
(maximum loss allowed for first line ballast = 5%)
- vi) Chemical composition (agricultural limestone)
Minimum 90% CaCO₃ (51% CaO)
Minimum 2.75% MgO

Original lab reports are available upon request. Facilities for wet chemical analysis and full sieve analyses are on site.

SALES

Sales of Blubber Bay Quarry Aggregates in Canada are through Ross West Aggregates Ltd. of Richmond, BC. Ross West can be reached by phone at:
604-232-9060

In the United States, Ash Grove Cement Co. handles sales. Contact Drew Jared in Bellevue, WA at:

1-800-665-4382
or 425-688-0110

SAFETY

Blubber Bay Quarry prides itself on being a safe operation. In recognition of the efforts made in the area of Loss Management, the quarry has been awarded the Ash Grove Cement Company's President's Safety Awards and the British Columbia Ministry of Energy Mines and Petroleum Resource's Stewart/O'Brian Safety Awards for 1999 and 2000. As of May 20, 2001, the operation has not suffered a time-loss accident since November 1998.