

TECHNICAL REPORT ON  
MINERAL RESOURCE ESTIMATE

GETTY ZINC - LEAD DEPOSIT  
*GAYS RIVER AREA*  
*HALIFAX COUNTY, NOVA SCOTIA*  
*NTS 11E03B*

Prepared For: ACADIAN MINING CORPORATION

Prepared By: Mercator Geological Services Limited

Effective Date: December 12, 2007

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## Summary

The Getty zinc-lead deposit is held by Acadian Mining Corporation (Acadian) under terms of a Special Exploration Licence issued by the Province of Nova Scotia in 2007. The deposit is located in the Musquodoboit Basin of central Nova Scotia, Canada and is adjacent to Acadian's Scotia Mine zinc-lead deposit. Scotia Mine currently produces approximately 2200 tonnes per day from open pit operations and entered production in May, 2007. Mercator Geological Services Limited (Mercator) was retained by Acadian in 2007 to review and validate results of previous diamond drilling on the Getty property and to use this information as the basis for a resource estimate compliant with Canadian Institute of Mining, Metallurgy and Petroleum Standards for Mineral Resources and Reserves and disclosure requirements of National Instrument 43-101.

The Getty deposit was discovered in 1972 through diamond drilling by Getty Mining Northeast Limited (Getty) and forms an extension to the adjacent Scotia Mine zinc-lead deposit at Gays River. Both deposits are hosted by dolomitized carbonate banks of the Carboniferous Windsor Group's Gays River Formation. These banks developed along basement highs or ridges near the paleo-basin margin and were overstepped by interbedded evaporites, carbonates and siliciclastic rocks that comprise younger Windsor Group stratigraphy.

Results of the resource estimate completed by Mercator are presented in Table 1 below and are in accordance with CIMM Standards and disclosure requirements of National Instrument 43-101.

Table 1: Mineral Resource Estimate for Getty Deposit – December 12<sup>th</sup>, 2007

Resource Category	Equivalent Zn% Threshold*	Tonnes (Rounded)	Lead %	Zinc %	Zinc% + Lead %
Inferred	2.00%	4,160,000	1.40%	1.81%	3.21%
Inferred	2.50%	2,860,000	1.60%	2.06%	3.66%
Inferred	3.00%	1,970,000	1.82%	2.26%	4.08%

\*Note: Zn Equivalent calculated as  $Zn\text{ Equivalent} = (Zn\% + Pb\%)$  based on averaged July to October 2007 zinc and lead market pricing

The deposit is defined by 184 historic drill holes of 1970's vintage, 181 of which were completed by Getty and three of which were completed by Imperial Oil Limited (Esso). The current resource outline includes 68 of these holes. The deposit is located approximately 700 metres west of Acadian Mining's Scotia Mine complex and is comprised of zinc-lead mineralization similar to that present at Scotia Mine, this being predominantly disseminated to locally sub-massive sphalerite and galena occurring within dolomitized carbonate.

The Mercator estimate is based on a three dimensional block model developed using Surpac© Version 6.01 modelling software and validated results for the 184 historic diamond drill holes. The model utilizes 1 meter down-hole assay composites of lead and zinc values that were calculated from drill hole database records. Model blocks are 2.5 meters x 2.5 meters x 2.5 meters with sub-blocking at 1.25 meters x 1.25 meters x 1.25 meters. The block model is coordinated to Acadian's local Scotia Mine Grid and extends from 6000 meters East to 7145 meters East, from 6450 meters North to 7150 meters North and from the 150 meter grid elevation to the 700 meter grid elevation. Zinc and lead grades were assigned to the block model using inverse distance squared ( $ID^2$ ) interpolation methodology completely constrained within a wire-framed resource solid developed from interpretation of geological sections and associated assay data. The wire-framed solid reflects limits of assay defined mineralization occurring within the hosting dolomitized carbonate bank. An omni-directional search ellipse with a range of 100 meters was used for block grade interpolation and a maximum of 21 sample composites was established for estimation of individual block grades, with no more than 7 composites coming from a single drill hole. No drill hole limit was established for block assignment. Specific gravity (SG) values for blocks were calculated from associated composite grades using the formula  $SG = 1 / (Pb\% / (86.6 * 7.6) + Zn\% / (67.0 * 4.0) + (1 - Pb \% / 86.6 - Zn \% / 67.0) / 2.7)$ , which was recently used by MineTech International Ltd. (Roy et. al., 2006) for resource and reserve estimation purposes at the adjacent Scotia Mine. The zinc equivalent calculation was based on averaged market values over the period July 2007 through October 2007.

The deposit model was checked against grade plans and sections and also using Nearest Neighbour grade interpolation, all of which returned acceptable results. Four diamond drill holes were also completed by Acadian to twin historic holes within the resource outline. Results from these holes correlated acceptably with the historic holes as did core sampling results for one Getty drill hole that was re-sampled by Mercator during the course of the resource estimation and data validation program.

Infill drilling has been recommended for the deposit to establish a nominal hole density of 50 meters by 50 meters to support definition of higher order mineral resources. At the effective date of this report Acadian was advancing a +100 hole diamond drilling program to meet this end. Results of recent exploration by Acadian west of Getty, in the Carrolls Farm area, are interpreted as indicating presence of a continuous series of mineralized carbonate banks extending to the southwest from the Getty deposit's west flank. Potential for an additional mineralized bank also exists to the northwest of the deposit and in both instances airborne magnetometer survey results support target



definition. Core drilling investigations have been recommended for both areas, with the southwest extension opportunity being best defined and of highest priority.

## 1.0 Introduction and Terms of Reference

This report on estimation of mineral resources for the Getty zinc-lead deposit, located in central Nova Scotia, Canada, was prepared by Mercator Geological Services Limited (Mercator) on behalf of Acadian Mining Corporation (Acadian). The resource estimate was prepared in accordance with disclosure requirements set out under National Instrument 43-101 and is considered compliant with Canadian Institute of Mining, Metallurgy and Petroleum Standards for Mineral Resources and Reserves *Definitions and Guidelines (CIMM Standards)*. Terms of reference were established through discussions between Acadian and Mercator in early 2007 at which time it was determined that the resource estimate was to be based upon historical diamond drilling data that had been digitally compiled by previous holders of the property. This database was to be validated by Mercator prior to use in the resource estimation process.

Historic exploration reports and previous resource estimates pertaining to the property were first compiled by Mercator from records stored at the Scotia Mine facility and from government assessment record archives. This field of information included drill logs with assay information and drill plans completed by Getty Northeast Mines Limited (Getty) and Imperial Oil Limited (Esso) in the 1970's. Mercator also designed and implemented a core drilling program for the Getty deposit, on Acadian's behalf, that was in progress at the report date, and is responsible for associated core logging, sampling, quality control and quality assurance procedures. With the exception of 2 validation drill holes completed in 2007, results of the on-going drilling program are not reflected in the current resource estimate.

All authors have met with Acadian staff with respect to the current Getty resource estimate and authors Kennedy and Cullen have visited the property on numerous occasions. Author Kennedy provides day to day project supervision for the current Acadian drill program and Cullen, Harrington and Kennedy are responsible, in conjunction with Acadian staff, for review and interpretation of data generated by the current drilling program.

## 2.0 Reliance on Other Experts

### 2.1 General

No other experts were relied upon with respect to preparation of this report.

## 2.1 Disclaimer

This report was prepared by Mercator for Acadian and information, conclusions and estimates contained herein are based upon information available to Mercator at the time of report preparation. This includes data made available by Acadian, as well as government and public record sources. Information contained in this report is believed reliable but in part the report is based upon information not within Mercator's control. Mercator has no reason, however, to question the quality or validity of data used in this report. Comments and conclusions presented herein reflect Mercator's best judgment at the time of report preparation. Mercator is not providing professional opinion with respect to mineral exploration titles, environmental liabilities, mineral property agreements or surface title issues.

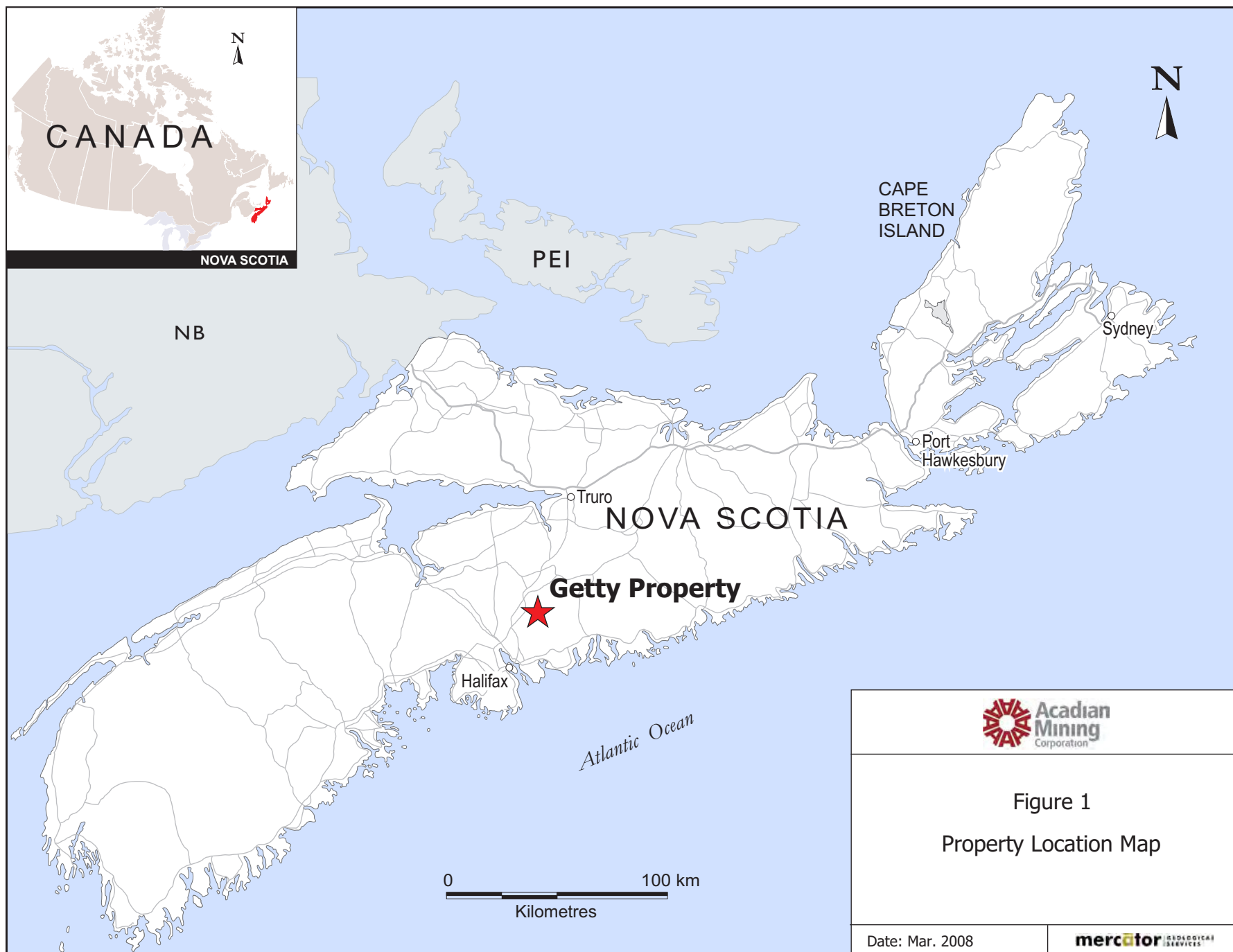
## 3.0 Property Description and Location

### 3.1 General

The Getty deposit is located at Gays River, Halifax County, approximately 45 kilometers northeast of the provincial capital city of Halifax. The area is directly accessible from paved provincial Highway 277 and is approximately 1700 meters northwest of Acadian's Scotia Mine complex (Figures 1 and 2).

The deposit occurs within Exploration Licence 6959 and Licence 6960 which were issued to Acadian on October 20<sup>th</sup>, 2006 as a result of tendering by Nova Scotia Department of Natural Resources (NSDNR). These licences include eighty-five claims that are further described in Table 2. They are part of a larger contiguous holding consisting of several Acadian exploration licences and mining titles.

In 1990 lands covering the deposit were placed under closure by NSDNR (1990, c. 18, s. 22; 1999 (2nd Sess.), c. 12, s. 6.) and these were subsequently opened for staking on September 12th, 2006. Multiple applications for exploration licences covering the deposit were received at that time by the Registrar of Mineral and Petroleum Titles, and all claims were therefore put up for tender under provisions of section 34 of the Act (1990, c. 18, s. 34.). Acadian Gold Corp., now Acadian Mining Corp., submitted the winning bid for this tender and was awarded the exploration licences detailed in Section 3.1, Table 2. Details of bids received and associated work requirements have been deemed confidential by the Minister of Natural Resources.



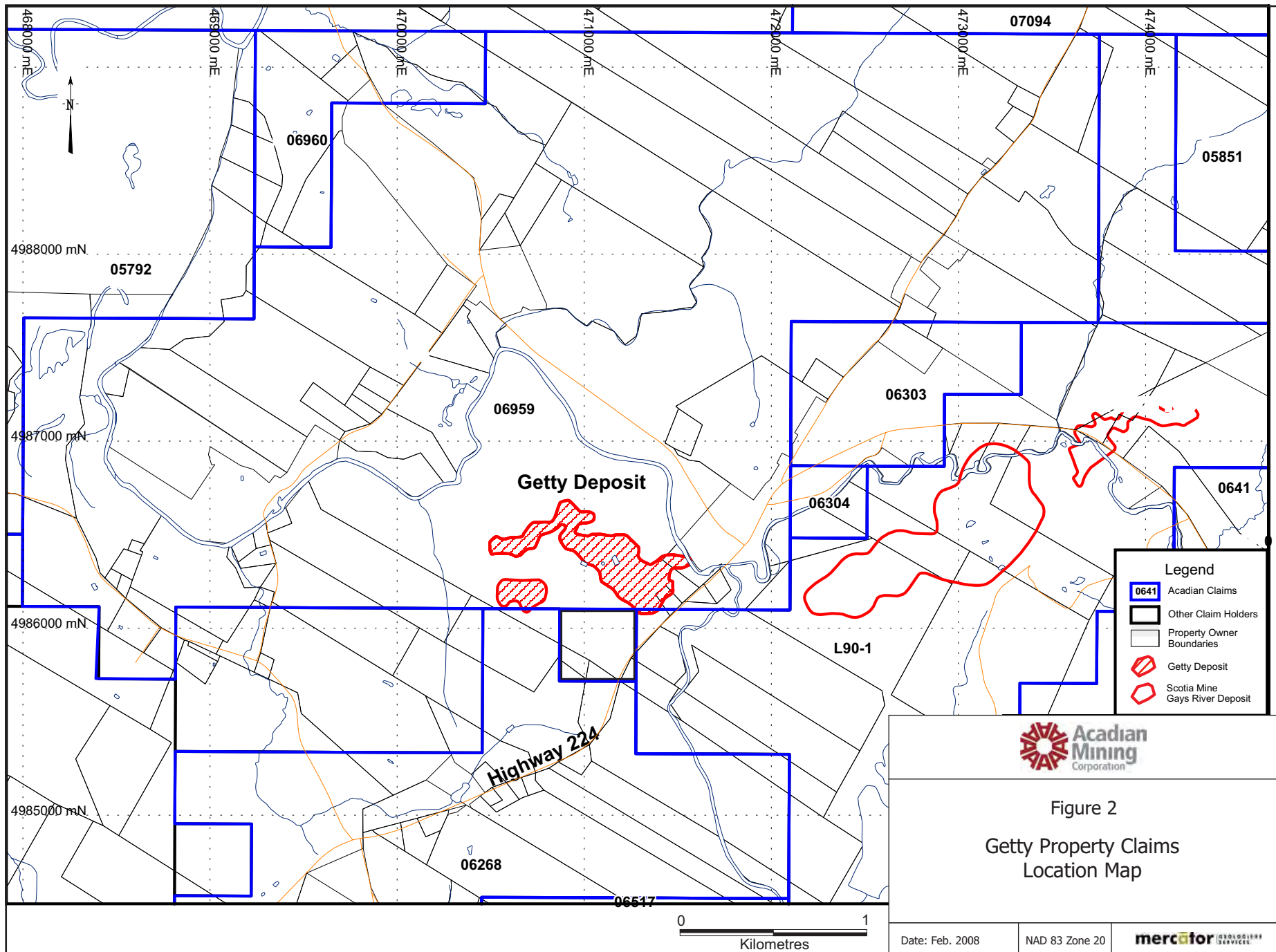


Figure 2  
Getty Property Claims  
Location Map

Date: Feb. 2008

NAD 83 Zone 20

mercator

Table 2: Details of Getty Claim Group

Licence No.	No. Of Claims	Claims	Tract	NTS Map	Anniversary Date
6959	80	ABCDEFGHJKLMNOPQ	30	11E3B	20-Oct-2008
		ABCDEFGHJKLMNOPQ	31	11E3B	“
		ABGHJKPQ	32	11E3B	“
		ABCGHJK	42	11E3B	“
		ABCDEFGHJKLMNOPQ	43	11E3B	“
		ABCDEFGHJKLMNOPQ	44	11E3B	“
6960	5	FLOPQ	42	11E3B	“

At the effective date of this report both exploration licences described above were in good standing as represented in records of the Nova Scotia Department of Natural Resources. This assertion does not constitute a legal search of title by Mercator with respect to ownership or status of the licences, but Mercator has no reason to question their indicated status.

Acadian advised Mercator that surface rights to lands covering the Getty deposit are owned under separate titles by Allan Benjamin, David Benjamin and Heather Killen and that the company has established access agreements to these lands, as necessary, to allow exploration activities to be carried out. Mercator did not review the access agreements for purposes of this report but accepts that permission to enter the lands for exploration purposes has been established.

### 3.2 Agreement with Globex Resources Ltd.

Acadian advised Mercator that Licence 6960 and Licence 6959 that cover the Getty deposit, plus certain peripheral claims in the area, are subject to an agreement between Acadian and Globex Resources Ltd., dated October 10<sup>th</sup> 2006, that provides Globex with a 1% Net Smelter Return (NSR) royalty interest in the associated claims plus 25,000 shares. Agreement terms also allow Acadian to purchase 50% of the NSR for \$300,000 CDN. Mercator did not review or confirm terms of the Acadian-Globex agreement for purposes of this report.

### 3.3 Summary of Exploration Title And Regulatory Information

Mineral exploration licences in Nova Scotia are issued under the province's Mineral Resources Act (1990 and as subsequently amended) (the Act) and provide a licensee with exclusive right to explore for specified minerals within the licenced area, subject to terms

and conditions of the Act. Individual claims held under a mineral exploration licence measure 16.188 hectares in surface area (~forty acres) and are renewable on a yearly basis. No equivalence to “patented claim status” exists under the Act. Retention of claims in good standing from year to year requires filing of annual renewal fees and documents for each exploration licence as well as meeting minimum yearly work commitment and reporting requirements. Under normal circumstances, fees and minimum work requirements set out under provision of the Act vary according to the year of licence issue and are summarized in Table 3. Payment of cash in lieu of work on a claim or claims can be made once in any five year period.

Table 3: Standard Claims Renewal Fees and Work Requirements

<b>Year of Issue</b>	<b>Renewal Fee</b>	<b>Assessment Expenditure</b>
2 through 10	\$10.68 per claim	\$200.00 per claim
11 through 15	\$21.36 per claim	\$400.00 per claim
16 through 25	\$85.44 per claim	\$800.00 per claim
26 and beyond	\$170.88 per claim	\$800.00 per claim

An exploration licence conveys an exclusive right to explore for named minerals but does not provide certainty with regard to land access or ownership of minerals. Access to lands is at the discretion of surface title holders and a Mining Lease or Special Mining Lease must be granted by the government to establish ownership of mineral resources for which production is planned. Mining activities can only be initiated after an Environmental Approval has been granted and various permits relating to industrial, environmental and engineering aspects of the proposed mining operation have been obtained.

As noted earlier, the claims that encompass the Getty deposit were previously under a closure (1990, c. 18, s. 22; 1999 (2nd Sess.), c. 12, s. 6.) but were opened for staking September 12, 2006. Subsequent to more than one application for exploration licence being received simultaneously by the Registrar of Mineral and Petroleum Titles (the Registrar), these claims were put up for tender under the provisions of section 34 of the Act (1990, c. 18, s. 34.). Acadian Gold, subsequently Acadian Mining submitted the winning bid and awarded the exploration claims detailed above in Section 3.1, Table 2. The details of the bids and work requirements have been deemed confidential by the Minister of Natural Resources at this time but it is appropriate to note that work requirements under terms of the successful bid substantially exceed those set out in Table 3 for exploration licences acquired under the normal staking process.

## **4.0 Accessibility, Climate, Physiography and Infrastructure**

### **4.1 Accessibility**

The property is located at Gays River, Halifax County, approximately 45 kilometers northeast of the provincial capital city of Halifax. The area is directly accessible from paved provincial Highway 277 and is approximately 1700 meters northwest of Acadian's Scotia Mine complex (Figure 2). Access to the Trans Canada Highway (Route 102) is possible at Enfield, approximately 15 kilometers to the west and Robert Stanfield International Airport is located twenty kilometres southwest of the mine site. On the property scale, access to the deposit area is excellent, being provided by several private roads, field access trails and forestry trails associated with land holdings that adjoin Highway 224 (Figure 2).

### **4.2 Climate**

The property is situated in central Nova Scotia where northern temperate zone climatic conditions are present and are moderated by relative proximity to the Atlantic Ocean. Distinct seasonal variations occur, with winter conditions of freezing and potentially substantial snowfall expected from late November through late March. Spring and fall seasons are cool, with frequent periods of rain. Summer conditions can be expected to prevail from late June through early September, with modest rainfall.

The following climate information reported for nearby Robert Stanfield International Airport during the 30 year period ending in 2000 characterizes seasonal precipitation and temperature trends in the area. The average July daily mean temperature for the reporting period was 18.6 degrees Celsius with a corresponding average maximum daily temperature of 23.6 degrees Celsius. Average daily winter temperature for January was minus 6 degrees Celsius with a corresponding average daily minimum being 10.6 degrees. Mean annual temperature is 6.3 °C, and mean annual precipitation is 1,452.2 mm. Climate conditions permit many exploration activities, such as core drilling and geophysics, to be efficiently carried out on a year-round basis. Other activities, such as geochemical surveys and geological mapping are typically limited by winter snow cover.

### **4.3 Physiography**

Cleared farmland and intervening small woodlots characterize the property area and the north-flowing Gays River follows a prominent valley along the east and north sides of the property. A small north flowing stream also occurs near the west property boundary and lesser seasonal drainages are present locally. Maximum topographic relief is approximately 55 meters above the Gays River valley bottom which has an average



elevation in this area of approximately 10 meters above sea level (ASL). Most elevation change occurs along the narrow river valley corridor and rolling farmland with mixed forested areas is otherwise present. Almost all of the area underlain by the resource estimate consists of cleared farmland.

#### **4.4 Infrastructure**

The property area is rural and has been extensively developed for agricultural purposes in the past. The largest local employers are an open pit gypsum mine and rail shipment facility operated by National Gypsum Limited at nearby Milford, and the Scotia Mine zinc-lead mining operation operated by Acadian on the adjoining property to the southeast. Forestry industry interests are also represented in the immediate area, which occurs entirely within the Halifax Regional Municipality. Access to mainline rail facilities is possible at nearby Enfield and direct access to deep-water shipping facilities with post-Panamax capacity is present through the ice-free deepwater port of Halifax. Year-round deep water access is also possible at the port of Sheet Harbour that is accessible via paved provincial highways and located 100 kilometers to the southeast of the Getty property.

Halifax is the provincial capital and in combination with surrounding communities forms a major center of population, government, business, education, industry and transportation services. Robert Stanfield International Airport is located approximately 20 kilometers southwest of the property and provides daily domestic and international airline service. Access to the regional electrical grid is also possible.

In summary, the Getty property is well positioned with respect to existing infrastructure and support services that could be beneficial to future mining at the site. The most significant infrastructure factor is direct proximity to Acadian's Scotia Mine complex, located approximately 1700 meters to the southeast.

### **5.0 History**

#### **5.1 Introduction**

Records of intermittent lead and zinc exploration in the Gays River area date to the late 1800's and the following brief summary of exploration activities reflects information gathered from various assessment and open file reports obtained from the NSDNR archives. This chronological review of exploration history includes investigations that pertain to areas not included within the Getty deposit limits, as described in this report.

These were included to better illustrate character and results of exploration in the surrounding area.

## 5.2 Summary of Exploration Activities

Pertinent aspects of the area's history of exploration and economic assessment are summarized below and reflect review of assessment report and mineral occurrence file records archived at NSDNR as well as other public record information. Three historic mineral resource estimates are included in the summary and results of these are more fully considered in report section 5.3.

- First reports of zinc-lead mineralization in the Gays River area date to the late 1800's and from this time until the 1950's exploration consisted of limited amounts of mapping, pitting, trenching and sampling with up to 3% lead values being reported. Most activities focused on the area immediately around the adjacent Scotia Mine site, particularly along the South Gays River, where outcropping Gays River Formation dolomite hosting low grade zinc and lead mineralization was trenched and drilled in the 1950's in the "Gays River Lead Mines Area" (Campbell, 1952). However, with the exception of regional soil geochemical surveying by Pennaroya Ltd. in 1964 (Rabinovitch, 1967) that did not identify the Getty deposit, no substantial mineral exploration efforts appear to have been carried out on the current Getty property prior to its acquisition by Getty in 1972.
- Exploration in the current deposit area was initiated in 1972 by Getty and joint venture partner Skelly Mining Corporation under terms of an option - purchase agreement with Millmore-Rogers Syndicate. The adjoining Gays River property (now Acadian's Scotia Mine) was optioned by Imperial Oil Limited (Esso) and Cuvier Mines Limited (Cuvier) from Millmore-Rogers Syndicate at approximately the same time. The Esso-Cuvier property was immediately investigated by core drilling that ultimately resulted in definition of the Gays River zinc-lead deposit that was placed in production by Esso in 1978. Between 1978 and 1981, 554,000 tonnes of zinc/lead ore was mined with an average grade of 2.12% zinc and 1.36% lead (Roy et. al., 2006). Esso ceased production in 1982 after encountering substantial problems with both mining conditions and water inflows.
- Discovery of the Getty zinc-lead deposit is attributed to drill hole GGR-12 which was completed in 1972 and intersected 4.63 meters of dolomite grading 15.48% combined zinc-lead, beginning at a down hole depth of 93.11 meters. Subsequent

- completion of over 200 holes by Getty and Imperial on and around the property served to delineate a nearly continuous mineralized zone measuring approximately 1300 meters in length and up to 200 meters in width (Comeau, 1973, 1974; Comeau and Everett, 1975).
- Getty retained MPH Consulting Limited (MPH) to assess three development scenarios for the deposit and Riddell (1976) reported results of this work, which showed that production of 375,000 tonnes per year would be necessary to support a viable, stand-alone open pit operation.
  - In 1980 economic aspects of developing the deposit based on an in-house tonnage and grade model were assessed by Esso (MacLeod, 1980). This study concluded that mining through open-pit methods as an ore supplement to the Gays River deposit would be economically viable, provided that important operating assumptions were met. The earlier MPH work was also reviewed at this time and some economic models updated. None of the work indicated that profitable stand-alone development of the deposit could be expected under market conditions of the time. George (1985) subsequently reviewed earlier evaluations and also reached a negative conclusion.
  - Claims covering the Getty deposit were placed under closure in 1987 by the Nova Scotia government and a tender was subsequently let for acquisition of exploration rights to the property. In 1990 Westminer Canada Limited (Westminer), was deemed the successful bidder and awarded a Special Exploration Licence for further assessment of the deposit.
  - In 1992 Westminer completed a resource estimate and preliminary economic assessment of the deposit based on Getty drilling results, with potential development in conjunction with the adjacent Gays River deposit being considered (Hudgins and Lamb, 1992). Results showed that that milling of about 550 tonnes per day of Getty ore could be undertaken at a low cost if excess milling capacity was being filled by such material. Westminer also indicated that zinc oxide production from the deposit would result in a substantially better financial return to the mine in comparison with a conventional smelter contract for sulphide concentrates. Attempted renewals of the Getty Special Exploration Licence by Westminer for three consecutive years were not successful.
  - Pasminco Resources Canada Company (Pasminco) acquired the adjacent Scotia Mine deposit and infrastructure in 1999 through purchase of Savage Resources Inc., and in 2000 Pasminco submitted an application to NSDNR for a Special

Mining Lease covering the deposit. No lease was issued and the closed status of the property was maintained.

- Between 1992 and September 2006 claims comprising the Getty property were maintained under government closure and no work was carried out on the property.
- In September, 2006 the provincial government tendered exploration rights to the closed Getty property and Exploration Licence 6959 and Licence 6960 were subsequently issued to Acadian on October 20<sup>th</sup>, 2006 as successful bidder under the tendering process.

### 5.3 Historic Mineral Resource or Reserve Estimates

Three historic estimates of tonnage and grade for in-situ mineralization comprising the Getty deposit are available in the public record. The earliest of these was prepared for Getty by MPH Consulting Limited (Riddell, 1976) and was revised in 1980 as part of a Mine Valuation Study carried out for Esso (MacLeod, 1980). Subsequently, Westminer developed an in-house resource estimate and preliminary economic assessment of the deposit, based on historic drilling results (Hudgins and Lamb, 1992).

Results of the historic estimates are presented below in Table 4 and all pertain to areas currently covered by Acadian exploration licences. These estimates pre-date National Instrument 43-101 and have not been classified under current Canadian Institute of Mining, Metallurgy and Petroleum Standards for Reporting of Mineral Resources and Reserves: *Definitions and Guidelines* (the CIMM standards). On this basis they should not be relied upon.

Table 4: Historic Tonnage and Grade Estimates for Getty Deposit

Reference	Tonnes	Zn + Pb %	Zn %	Pb %
Riddell(1976)	4,470,400	3.71	1.87	1.84
MacLeod(1980)	3,149,600	2.97	1.60	1.37
Hudgins and Lamb(1992)	4,490,000	3.20	1.87	1.33

Riddell(1976) used a 2% (zinc% + lead%) cut-off, Macleod (1980) used 1.5% zinc cut-off and Hudgins and Lamb (1992) used a 1.5% zinc-equivalent cut-off defined as zinc equivalent = zinc% +(lead % x 0.60). The Riddell (1976) and MacLeod (1980) estimates reflect drill-hole-centered polygonal methods of volume estimation along with subjectively determined specific gravity factors reflecting general experience. Both estimates include length-weighted drill hole grade assignments to polygons with

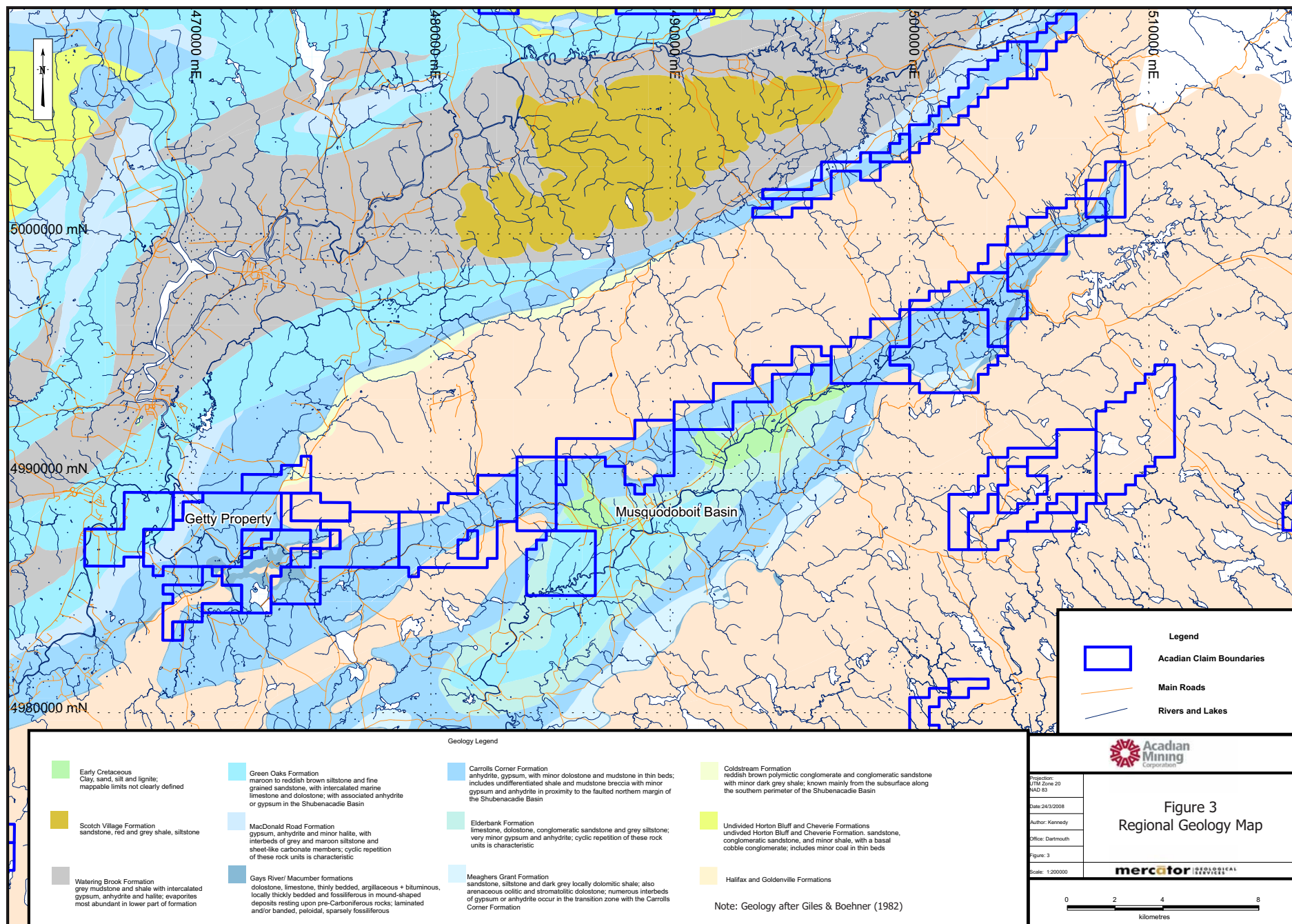
subsequent tonnage-weighting to determine deposit grades. In contrast, Hudgins and Lamb (1992) used Surpac© deposit modeling software, a cross sectional method of volume estimation, a single assigned specific gravity factor of 2.75 g/cm<sup>3</sup> and calculated average deposit zinc and lead grades as the length-weighted averages of all qualifying drill hole intercepts. Further discussion of these resource estimates and related programs directed toward economic viability assessments appears in section 16.4 of this report.

## 6.0 Geological Setting

Carboniferous age sedimentary sequences in central Nova Scotia occur near the current southern margin of the extensive Maritimes basin, development of which began after the mid-Devonian Acadian Orogeny (Figure 3). Northeast trending faulted sub-basins evolved over much of the current central Nova Scotia area, where sedimentation from latest Devonian through Mississippian time was initially terrigenous clastic in nature, evolving to mixed marine carbonates, evaporites and clastics. Horton Group rocks record the early terrigenous and lacustrine clastic phase of deposition while overlying Windsor Group rocks record multiple transgressive-regressive marine depositional cycles. Pennsylvanian sedimentation marks further evolution of the Maritimes basin to predominance of clastic fluvial /lacustrine or shallow marine clastic conditions (Fralick and Schenk, 1981).

The Getty deposit is hosted by lower Mississippian age dolostone of the Windsor Group's Gays River Formation. Well defined carbonate banks characterize this formation and in most instances are associated with well-defined paleo-basement high features. On depositional basin scale, Gays River Formation bank carbonates and laminated limestone of the laterally equivalent Macumber Formation mark the onset of marine depositional conditions after a prolonged period of predominantly terrigenous clastic sedimentation represented by Horton Group siliciclastic rocks.

Carboniferous strata in Central Nova Scotia occur within the Shubenacadie and Musquodoboit sub-basins of the larger Maritimes basin and were described by Giles and Bochner (1982). Geometry of both sub-basins was significantly influenced by strong northeast trending structural grain in basement sequences of the Cambro-Ordovician Meguma Group. Deformation was heterogeneously distributed across the sub-basins and at present is now represented by northeast trending normal and thrust faults which are locally associated with open to moderately folded structural domains. Deformation features are essentially absent near the southern margins of the basins but become more prevalent and pervasive toward the northern limits, where effects of the regionally significant Cobequid-Chedabucto fault system are represented.



Minor faults or fracture zones may be present at Getty but no structural complexity is evident in either the surface morphology or drill logs.

## 7.0 Deposit Geology

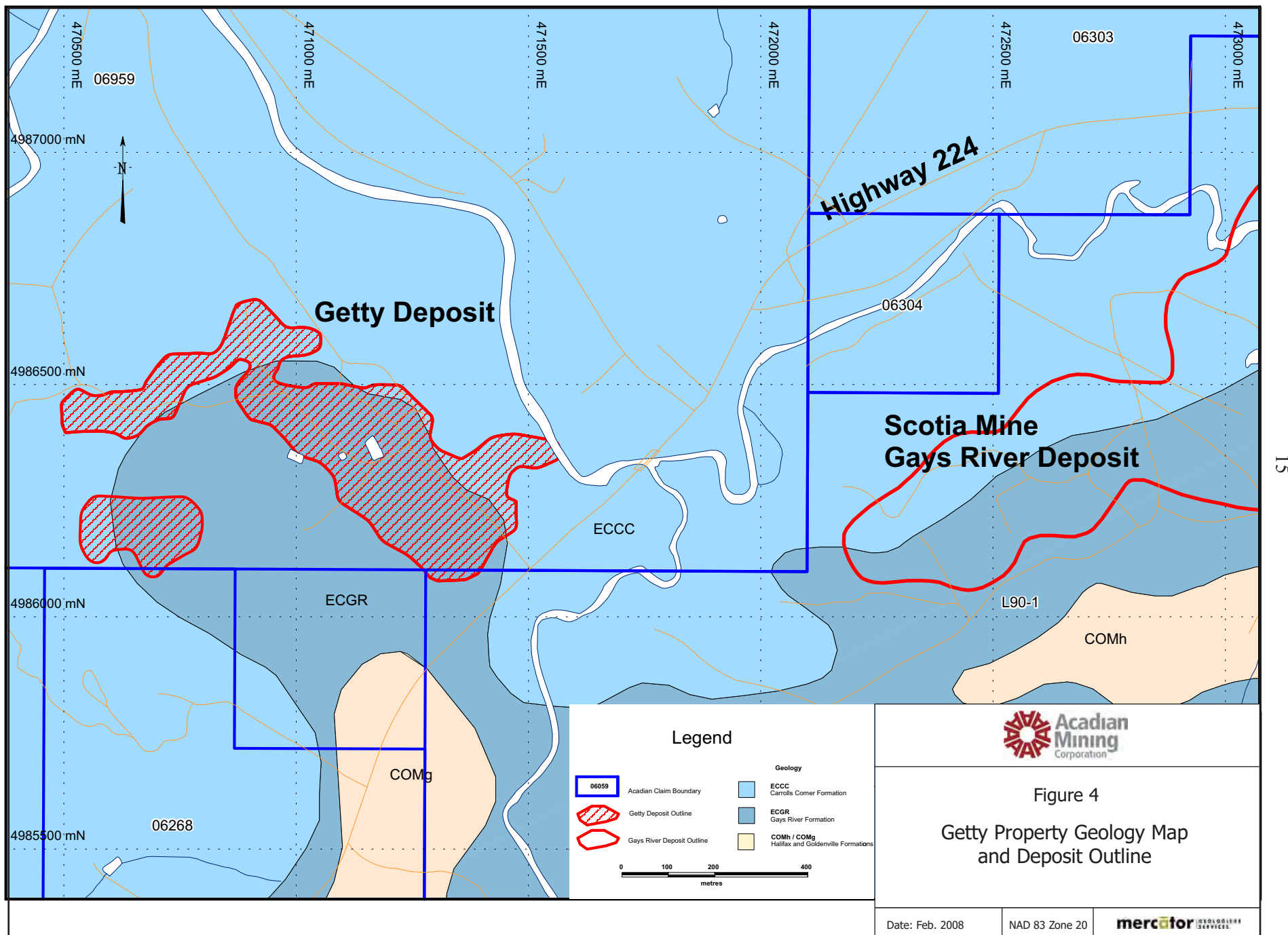
### 7.1 Stratigraphy

Geology in the Getty deposit area has been interpreted from compiled results of Giles and Boehner (1982) plus results of various mapping and diamond drilling campaigns carried out in the area. The actual deposit does not outcrop, but was delineated by Getty through drilling (eg. Bryant, 1975, Comeau, 1973, 1974; Palmer and Weir, 1988a,b).

As represented in Figure 4, the Getty deposit is hosted by a northwest trending Gays River Formation carbonate bank complex that occurs as a direct extension to the larger, northeast trending carbonate bank that hosts Scotia Mine's zinc lead resources and reserves. Both banks developed along paleo-basement highs comprised of Cambro-Ordovician age Goldenville Formation quartzite and greywacke. At Getty the host dolostone ranges in true thickness from less than a meter to a maximum of about 45 meters.

The carbonate host sequence occurs above a thin sedimentary breccia or conglomerate unit comprised predominantly of Goldenville Formation debris with a small carbonate matrix component resting unconformably on Goldenville Formation basement. Carrolls Corner Formation evaporites lie stratigraphically above the Gays River Formation and are comprised locally of gypsum and anhydrite with minor amounts of interbedded dolomitic limestone and siltstone. With possible exception of local clay and sand accumulations of Cretaceous age, Carrolls Corner Formation rocks are the youngest sequences of the local bedrock section. Figure 5 presents a stratigraphic column for the deposit area.

Historical and the current drilling on the Getty property has shown that evaporite cover at the Gays River Formation contact was in many instances preferentially removed by erosion and karst-related solution processes during Cretaceous time, leaving a trough or trench parallel with the carbonate contact in many areas. Stratified Cretaceous fill sedimentary material followed by Quaternary material of glacio-fluvial origin infilled this trough, and is termed "Trench" material on the adjacent Scotia Mine property. Similar material exists in some areas adjacent to the Getty deposit but in many instances is difficult to distinguish from less consolidated overburden material that is of glacial origin.





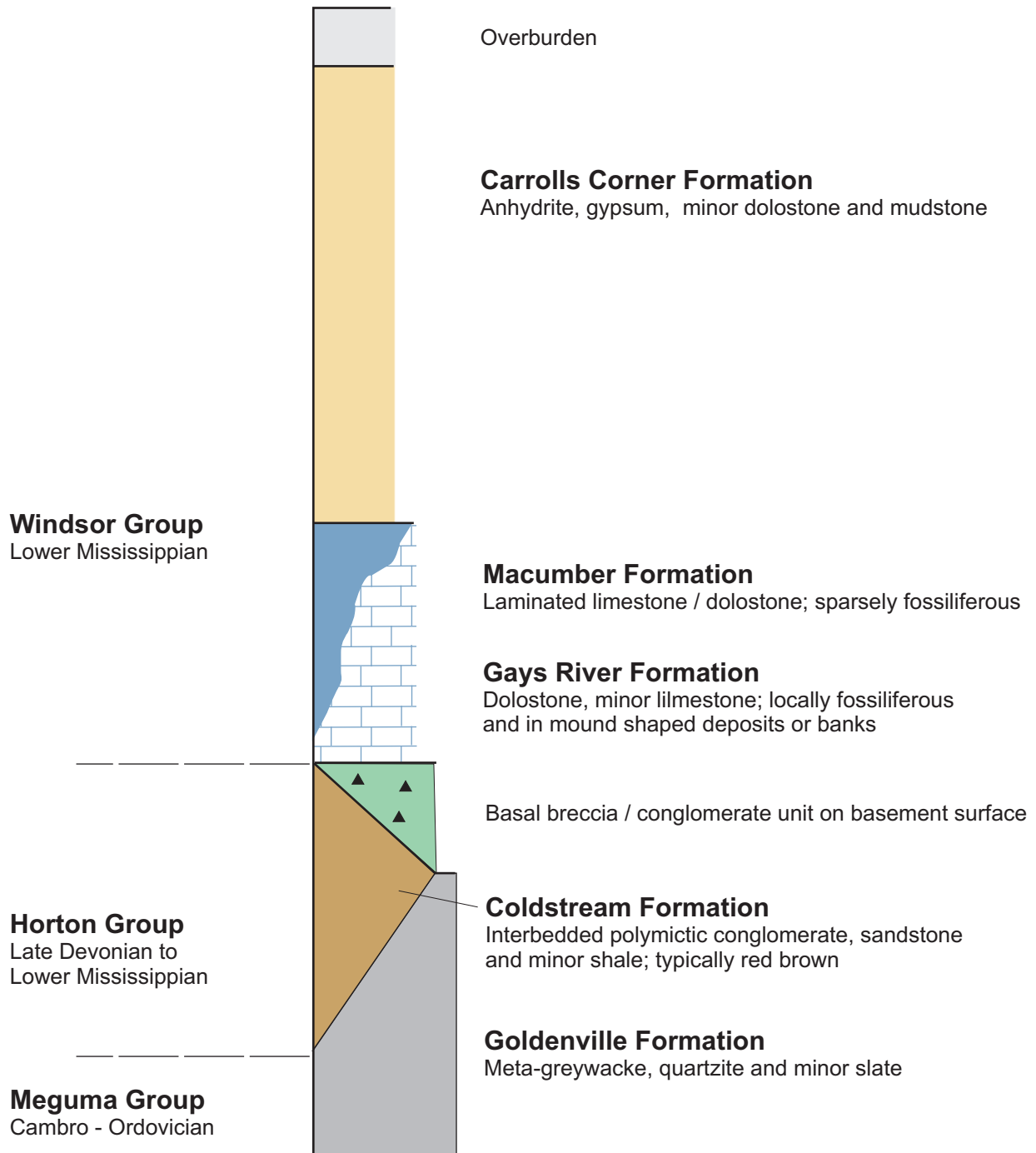


Figure 5

Stratigraphic column for  
Getty deposit area

## 7.2 Deposit Type

### *Description*

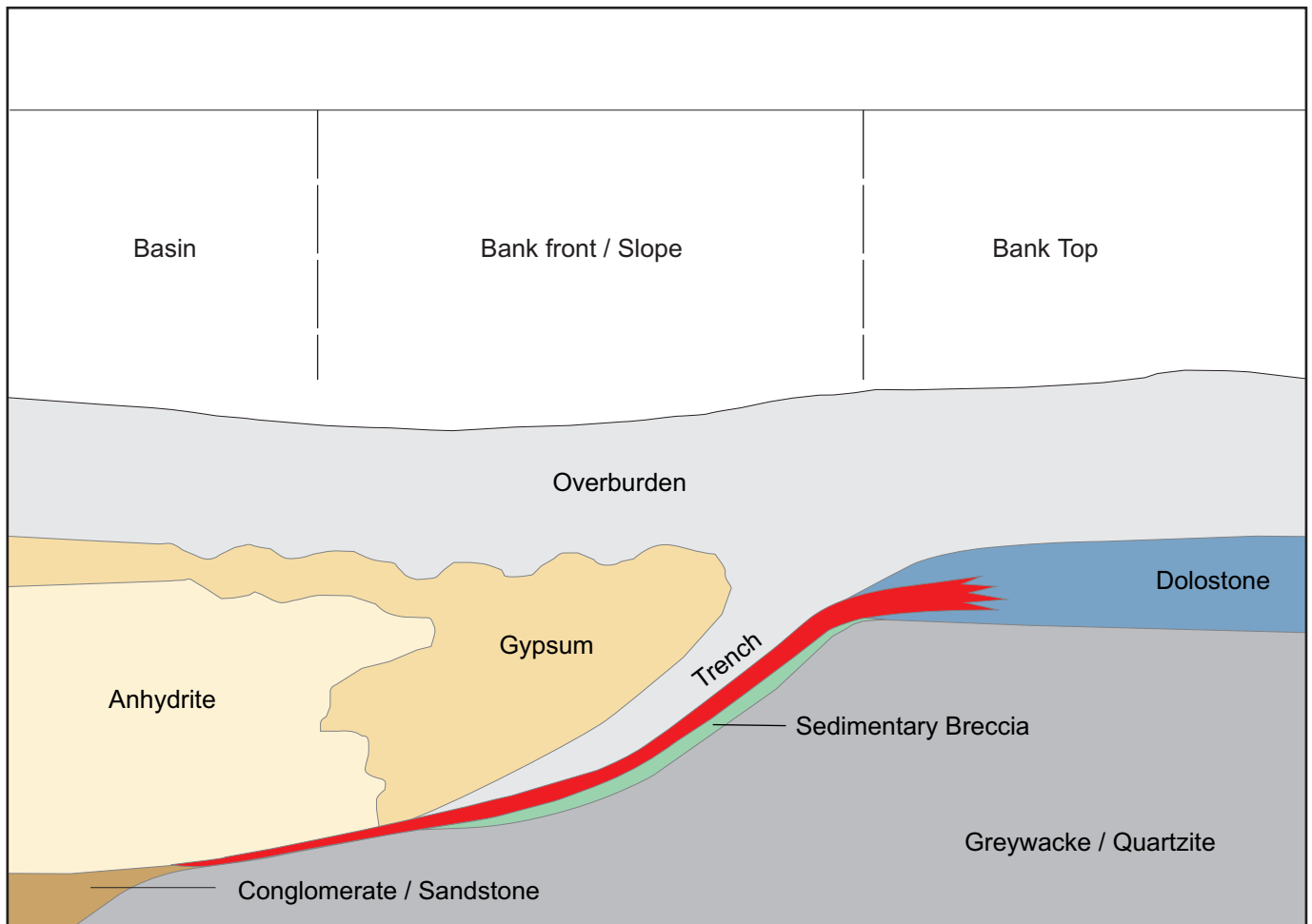
The Getty deposit carbonate bank forms a northwest extension to the adjacent Gays River bank that hosts Scotia Mine zinc-lead resources and reserves. While broadly similar, carbonate bank slopes at Getty are generally gentler than those seen at Gays River. Figure 6 depicts a typical bank cross section illustrating occurrence of thickest carbonate on the bank top, with progressive thinning down dip on the paleo-topographic high. Variations existed locally in basement paleo-slope angles and appear to have directly influenced corresponding carbonate bank morphology. Areas with steep basement slopes tend to show rapid thinning of carbonate away from the thicker bank tops, with correspondingly steep contact surfaces with overlying evaporites. Gentle slope areas show greater lateral and down-dip continuation of thicker carbonate and corresponding lower average contact dips with the overlying evaporite. Based on the drilling carried out to date at Getty, the maximum carbonate thickness encountered along the basement high trend is 45.48 meters in drill hole GGR-221.

Gays River Formation carbonate banks include intricately intercalated algal, peloidal and coralline lithfacies, with abundance of bindstone, bafflestone, packstone and micrite. These facies show transition downdip to thin (typically <5 meters), variably laminated algal/silty carbonates that are lateral equivalents to laminated carbonates of the Macumber Formation. The latter occurs basinward of the underlying Horton Group's stratigraphic pinchout and is not present in the deposit area.

### *Genetic Model*

The adjacent Scotia Mine deposit has been the subject of extensive academic and government research and reporting since its discovery in 1971. Much of this work was summarised by Roy et. al. (2006) and the deposit is considered an example of the Mississippi Valley Type (MVT) class of carbonate hosted, stratabound, base metal deposits. Prominent examples of the paleo-basement high deposit setting along the Viburnum Trend of Southeast Missouri, but are characterised in this area by dominance of lead mineralization over that of zinc (Sangster et. al., 1998; Akande and Zentilli, 1983; Machern and Hannon, 1974).

Localization of base metals within the Getty bank complex is believed to have resulted from interaction between metal-bearing basinal fluids, potentially sourced in the Horton Group stratigraphic section or in basement sequences, and chemical reductants, possibly



Lead / Zinc mineralization in dolostone



Figure 6  
Carbonate Bank  
Cross Section  
*Not to Scale*

Date: Mar. 2008

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including hydrocarbon, that were present at sites of deposition within the bank. Kontak (1998, 2000) reported on fluid inclusion and other studies of ore from the adjacent Scotia Mine property and concluded that saline brines in the 100° C to  $\leq 250^{\circ}$  C temperature range were involved in the main mineralizing process and that these temperatures are higher than those typically seen in MVT districts. Héroux, et. al (1994) studied organic maturation and clay mineral crystallinity characteristics of Gays River Formation rocks of the Musquodoboit and Shubenacadie basins and identified a corridor of higher interpreted heat flow that occurs in part over the Scotia Mine and Getty deposit areas and is consistent with the higher fluid temperatures previously noted. It is clear that zinc and lead mineralization were superimposed on lithified and dolomitized host rocks (Akanade and Zentilli, 1985; Kontak, 1998).

## 8.0 Mineralization

Zinc and lead sulphide mineralization are found throughout the Getty carbonate bank, along with trace amounts of iron sulphide in isolated areas. Base metal sulphides are also present to a lesser extent in carbonate matrix of the underlying conglomerate/breccia unit and within calcite or micrite filled fractures and joints present in underlying Goldenville Formation greywackes. While not extensively reported to date, galena has also been documented locally at the Scotia Mine deposit in thin (<20cm thick) discordant, steeply dipping veins that generally trend north-south (B. Mitchell, personal communication, 2007).

Drilling to date on the Getty deposit has shown that massive to submassive high grade mineralization like that commonly present along steep bank front zones at Scotia Mine is not present to a significant degree at Getty (Bryant, 1975). However, a clear association of higher zinc and lead grades with dolostone intervals on the northeast and north slopes of the Getty bank is recognized and lower grades over thicker intervals occur within the carbonate sections at the top of the bank. Mineralization is more poorly developed along the southwest side of the bank.

Sphalerite is the predominant base metal sulphide phase present and is typically honey yellow to buff or beige in colour and finely crystalline. Based on drill core observations, Bryant (1975) specified the following four modes of sphalerite occurrence within the deposit, with the first being the most common: (a) disseminated mineralization showing concentrations from trace to 10% or more, (b) semi-massive and massive mineralization as seams and replacements along bedding surfaces or laminae, (c) massive, porosity filling or surface coating mineralization in fossiliferous and vuggy carbonate, (d) mineralization associated with secondary calcite in small stringers and veinlets.

Silver is a trace constituent of the Getty sulphide assemblage but is not present at levels of economic significance. This parallels the situation at adjacent Scotia Mine where Roy et. al. (2006) reported historic silver values in mill concentrates that were typically less than 40 parts per million.

## **9.0 Exploration**

At the effective date of this report Acadian was conducting a diamond drilling program on the Getty property that is planned to total approximately 100 drill holes. The purpose of the program is to upgrade geological confidence in the deposit and to provide a basis for future estimation of higher category mineral resources. Mercator is providing site supervision, logging, sampling and quality control/quality assurance services to Acadian for this on-going program. With the exception of four holes completed by Acadian as twins to historic drill holes, for the specific purpose of comparison with historic records, results of the on-going drilling program are not discussed in the current resource estimate. Acadian plans to update the current estimate after completion of the drilling program and interpretation of results.

## **10.0 Drilling**

Historic diamond drilling information pertaining to the Getty deposit was compiled by Westminer in a digital database containing information for approximately 181 vertical holes totalling 16,875 meters of drilling. The Westminer database was originally prepared to support the resource estimate reported by Hudgins and Lamb (1992) and to this end, collar coordinates, lithologic codes, geologic legend and individual drill core assay interval results were compiled from original drill logs, checked for errors, and entered into the original digital database. All historic holes were initially coordinated to local Getty reference grid but Mercator subsequently transformed all drill hole coordinates into the Scotia Mine grid using historic tie points for which Acadian surveyors provided up to date mine grid coordination. Universal Transverse Mercator (UTM) coordinates (Zone 20, NAD 83 Datum) for all holes were also calculated by Mercator for all holes in the project database and a listing of drill hole coordinates and orientation data for the deposit in the block model grid system appears in Appendix 2. Mercator staff physically checked all drill hole entries in the database against the original hard copy logs.

The Getty project drilling database includes results of 184 historic drill holes completed during the 1970's, 181 of which were drilled by Getty and total 16,875 meters of drilling. The three remaining holes were completed by Esso during the same time period and total 157 meters of drilling. The resource outline pertinent to this report includes 68 of the

historic drill holes. As stated previously, results of the diamond drilling program currently underway at Getty are not included in the current resource, but four twin holes completed by Acadian in 2007 were used to check integrity of historic drill hole data. Results of this twinning program are discussed in report section 12.2.3 that deals with quality control and quality assurance issues. A plan showing locations of the current resource outline as well as historic drill collars and collars of the four Acadian twin holes is included in Appendix 4.

## **11.0 Sampling Method and Approach**

### **11.1 Getty and Esso Programs: 1972 to 1975**

Government assessment reports were reviewed to identify core logging and sampling procedures applicable to the Getty and Esso drilling programs carried out between 1972 and 1975. These showed that drill core was typically logged by staff geologists who produced hard copy lithologic logs for each drill hole. Detailed information related to lithology and mineralization was systematically recorded in the logs along with complete records of core sampling and major analytical results. There is no specific description of sample marking, cutting, handling, tagging or shipping protocols, but industry standard marking and tagging of sample intervals is evident in the archived drill holes viewed and sampled by Mercator staff in 2007 at the Nova Scotia Department of Natural Resources core library in Stellarton, Nova Scotia (core library). Half-core samples were typically submitted for analysis and sample intervals reflected visually determined mineralized zone limits. A sample interval of 5 feet was commonly used but no standard appears to have been established by either company. Non-mineralized carbonate was rarely sampled. Core was logged in imperial measure and drill logs were transformed to metric equivalents subsequently during the digital data entry process.

Core from the original Getty drilling program was placed in marked core boxes and retained in covered storage in the local area until 1984. At that time NSDNR took possession of the core and it was archived at the core library in Stellarton. Esso core was stored at the Gays River mine site, with mineralized intervals typically retained in covered storage and the remaining non-mineralized intervals stored out of doors where rapid deterioration of boxes and core took place. Core storage facilities established by Esso deteriorated over the years and in some cases have been demolished. No accurate records exist of archived core or of core salvaged from the deteriorated buildings. As a result, it is unclear whether core from the Esso holes completed at Getty is included in the non-inventoried remnants of archived core that currently exists at the Scotia Mine facility. With no evidence to the contrary, it is assumed that this core has been lost or destroyed and is not available for review at present.

## 11.2 Acadian Re-sampling of Getty Hole GGR-125

Historic drill hole GGR-125 was completed by Getty in 1972 and was chosen for re-sampling by Mercator staff during a 2007 visit to the Stellarton core library and sample interval and assay comparison tables appear in section 13.2.2 of this report. Quarter core samples of the previously sampled carbonate intervals were collected from Getty hole GGR-125, ensuring a quarter of the core remained for archival purposes. An additional nineteen holes were summarily examined and one hole, GGR-212 was re-logged in detail, but only GGR-125 was re-sampled (Table 5).

Table 5: Historic drill holes twinned or re-sampled in 2007

Getty Historic Hole	Acadian Twin Hole (2007)	Comment
GGR 125	NA	Re-sampled
GGR 212	S1025	Re-logged and Re-drilled
GGR 190	S1021	Re-drilled
GGR 215	S1043	Re-drilled
GGR 37	S1059	Re-drilled

## 11.3 Acadian Twin Hole Sampling

As part of the ongoing Acadian drill program approximately 10% of the historical holes are planned for twinning. Four twinned holes were completed prior to the effect date of this report and were continuously sampled through the carbonate and basal breccia intervals using a nominal 1.0 meter sample length. Half core samples from the twin holes were cut at the Acadian core logging facility at Scotia Mine and then placed in pre-numbered plastic sample bags along with a corresponding paper sample tag, the number of which was recorded in the core log and sample record logs for the drill hole. After insertion of quality control samples, all bagged samples were checked for sequence, placed in sealed plastic buckets and shipped to Eastern Analytic in Newfoundland by commercial transport for analysis of zinc and lead. Results of this sampling program are discussed in report section 13.2.2.

# 12.0 Sample Preparation, Analyses and Security

## 12.1 Getty And Esso Programs

Reports documenting the Getty and Esso drilling programs in the Getty deposit area do not provide detailed descriptions of sample preparation methodologies, analytical procedures or security considerations. However, both Getty and Esso were major, reputable exploration companies carrying out exploration programs in various settings at

that time. More specifically, Esso was also in the process of defining reserves at the adjacent Gays River mine at the time and appears to have employed the same operating protocols for Getty drilling as were applied at the adjacent development property. Mercator is of the opinion that, while not specifically detailed in historic reporting, procedures employed by both Getty and Esso for sample preparation, record keeping, chemical analysis, and security, would have met industry standards of the day. This assertion is supported by review of original drill logs and supporting data, physical review of archived core and through recognition that both companies completed resource estimate and preliminary development assessments based on the same historic drilling results.

## 12.2 Acadian Mining Programs

### *12.2.1 Sample Security and Chain of Custody*

In accordance with the sample protocol established by Mercator for Acadian's 2007-2008 Getty drilling program, all drill core from twin holes was delivered from the drill site to the secure and private core logging facility at Acadian's Scotia Mine by either Logan Drilling Limited staff or Mercator field staff. Drill core logging was carried out by a Mercator geologist who also marked core for sampling and supervised core splitting by a technician using a rock saw. Sample tag numbers from a three tag sample book system were used for the program, with one tag showing corresponding down hole sample interval information placed in the sampled core boxes at appropriate locations, one tag lacking down hole interval information placed in the core sample bag for shipment to the laboratory, and the third tag with sample interval information retained in the master sample book for archival reference and database entry purposes. After sampling, core boxes were closed and placed in storage at the Scotia Mine site. Sealed sample bags were placed in an ordered sequence prior to insertion of quality control samples, preparation of sample shipment documentation, checking, and placement in plastic buckets for shipment by commercial courier to Eastern Analytical Limited (Eastern), a recognized commercial laboratory located in Springdale Newfoundland. Prepared pulps were retained for 30 days at the laboratory and coarse reject material was stored for 90 days before being shipped back to Acadian for secure archival storage.

In the case of historic drill hole GGR-125, archived half core from the hole was accessed at the NSDNR core library in Stellarton and cut using a diamond saw to produce quarter core samples. The sample interval was recorded using the same three tag system described for the Acadian core and samples were processed as described above for the twin hole core samples. Samples were sent to Eastern via commercial courier where laboratory analysis was completed. Prepared pulps were retained for 30 days at the



laboratory and coarse reject material was stored for 90 days before being shipped back to Acadian for secure archival storage.

### *12.2.2 Core Sample Preparation*

Core samples received by Eastern were organized and labelled and then placed in drying ovens until completely dry. Dried samples were crushed in a Rhino Jaw Crusher to consist of approximately 75% minus 10 mesh material. The crushed sample was riffle split until 250 to 300 grams of material was separated and the remainder of the sample was bagged and stored as coarse reject. The 250 – 300 gram split was pulverized using a ring mill to consist of approximately 98% minus 150 mesh material. All samples underwent ICP analysis, for which a 0.500g portion of the pulverized material was required. Those samples containing greater than 2200 ppm of zinc or lead were then processed using ore grade analysis for which 0.200g of pulverized material was required. Laboratory sample preparation equipment was thoroughly cleaned between samples in accordance standard laboratory practise.

Check sample splits of pulverised core were submitted to the ALS Chemex laboratory facility in Sudbury, Ontario as part of the projects quality control and assurance protocol. This material was prepared in approximately 100 gram bagged splits by Eastern and returned to Mercator for subsequent submission to ALS Chemex. Since the received split material had already been pulverised, further preparation was limited to homogenization and splitting of a 0.4g portion for subsequent analysis.

### *12.2.3 Core Sample Analysis*

Eastern Analytical procedures outlined below pertain to all core samples from the re-sampling and twinning programs completed by Acadian in 2007 and descriptions are for assay quality determinations. Additional details appear in Appendix 2.

- ICP Analysis: A 0.500 gram sample is digested with 2ml HNO<sub>3</sub> in a 95°C water bath for ½ hour, after which 1ml HCL is added and the sample is returned to the water bath for an additional ½ hour. After cooling, samples are diluted to 10ml with deionized water, stirred and let stand for 1 hour to allow precipitate to settle.
- For ore grade analysis base metals (lead, zinc, copper), a 0.200g sample is digested in a beaker with 10ml of nitric acid and 5ml of hydrochloric acid for 45 minutes. Samples are then transferred to 100ml volumetric flasks and analyzed on the Atomic Absorption Spectro-Photometer (AA). The lower detection limit is 0.01% and the upper detection limit is >2200 ppm lead or zinc.

- For silver, a 1000mg sample is digested in a 500ml beaker with 10ml of hydrochloric acid and 10ml of nitric acid with the cover left on for 1 hour. Covers are then removed and the liquid is allowed to evaporate leaving a moist paste. 25ml of hydrochloric acid and 25ml of deionised water are then added and the solution is gently heated and swirled to dissolve the solids. The cooled material is transferred to 100ml volumetric flask and is analyzed using AA. The lower detection limit is 0.01oz/t of silver with no upper detection limit.

Analytical procedures for check samples sent to ALS Chemex are outlined briefly below and in greater detail in Appendix 2.

- A prepared sample is digested in 75% aqua regia for 120 minutes. After cooling, the resulting solution is diluted to volume (100 ml) with de-ionized water, mixed and then analyzed by inductively coupled plasma - atomic emission spectrometry or by atomic absorption spectrometry.

## 13.0 Data Verification

### 13.1 Review and Validation of Project Data Sets

Review by Mercator of all government assessment reports and internal Acadian files available from the Scotia Mine site established that typed lithologic logs with complete assay records from the Getty drilling era were available. However, original sample record books, laboratory reports and other associated information were not found. The digital drill hole database used for the Westminer's 1992 resource estimate was obtained from Acadian and validated against the original hard copy drill log and assay record entries. Checking of digital records included manual inspection of individual database lithocode entries against source hard copy drill logs as well as use of automated validation routines that detect specific data entry logical errors associated with sample records, drill hole lithocode intervals, collar tables and down hole survey tables. Drill hole intervals were also checked for sample interval and assay value validity against the original drill logs. Database entries were found to be of consistently acceptable quality but minor lithocode and assay entry corrections were made by Mercator. These were incorporated to create the validated and functional drilling database used in the resource estimate. As noted earlier, original assays certificates were not found for any of the historic drilling programs and no records of the laboratories to which samples were submitted for analysis, or methods of analysis, were documented in any of the historic drilling reports reviewed for the resource estimate.

As part of the validation process, Mercator staff visited the NSDNR Core Library in Stellarton, Nova Scotia to review core from the archived Getty drill holes. Nineteen holes were examined but only one hole GGR-212 was re-logged in detail and one hole, GGR-125, was completely re-sampled. These provided additional verification of historical assays and logging results. Results of this and related programs are presented below under separate headings.

## 13.2 Quality Control and Quality Assurance (QA/QC)

### *13.2.1 Historic Drilling Programs*

Assessment reports documenting Getty and Esso drilling programs do not specifically address QA/QC issues. No evidence was noted of independent certified standards being submitted with core samples from either company nor is there any evidence of systematic submission of blank samples or systematic provision for duplicate sample splits to be prepared and analysed. Similarly, detailed descriptions of sample preparation methodologies, analytical procedures or security considerations are not present in any of the historic documentation reviewed for this report. This situation is not uncommon in reporting at the time in the 1970's, when reliance was placed to a substantial degree on standards, duplicate samples and other quality assurance and control procedures implemented by the commercial laboratories providing analytical work.

As noted earlier, both Getty and Esso were major, reputable companies at the time of their drilling programs on the Getty deposit and that Esso was completing reserve delineation and mine planning work for the adjacent Gays River (Scotia Mine) project that entered commercial production in 1979. Both companies are considered credible and Mercator's review of drill logs and associated sample data did not reveal any points of obvious concern with respect to use of historic results for the project.

Notwithstanding the above, the lack of laboratory assay certificates and information on sampling and laboratory procedures necessitated a review of and re-sampling of archived Getty core and the twinning of a number of Getty-era drill holes within the resource area. These safeguards were implemented and results are discussed below.

### *13.2.2 Overview Of Acadian Programs*

Mercator, on behalf of Acadian, established and administered a quality control and quality assurance program for the Getty 2007-8 drill project. All drill core samples including samples associated with the twinned and re-sampled historic drill holes were subject to project quality control and assurance protocols. In total, 4 twinned holes and one re-sampled historic drill hole were completed prior to this report and were subject to

the project protocols. The program includes insertion of blind certified standards and in-house blanks, as well as completion of duplicate analyses on core splits and submission of check sample materials to an alternate lab for analysis. Details of each program component are presented below.

*(a) Certified Standard Samples*

Certified standards were obtained from the Canadian Resource Laboratories of Delta, BC for use in the 2007 drilling program, these being CDN-SE-1 and CDN-SE-2. At the onset of the program, only CDN-SE-1 was used. The second standard was introduced in Hole S1035 and from then on the standards were alternated in sequence. Standards, consisting of pre-packaged prepared sample pulp material weighing approximately 50 grams, were inserted at intervals of every 35<sup>th</sup> sample and recorded as such. At first, standards were numbered in sequence with the sample stream; however, as of mid September 2007 a separate sample book and associated tags were used.

Table 6a (CDN-SE-1 Standard Results) presents results for the certified standard (CDN-SE-1) blindly submitted with samples from the twinned and re-sampled holes. The zinc result for the hole S1025 sample was slightly below the acceptable  $2.65\% \pm 0.20$  parameter ( $2.33\%$  vs  $2.45\%$ ) for the CDN-SE-1 standard and lead in the GGR-125 standard was slightly below ( $1.80\%$  vs  $1.83\%$ ) the acceptable  $1.92 \pm 0.09\%$  parameter for CDN-SE-1. These slight departures do not represent major errors with respect to the sample data and would have minimal impact on anticipated grade of the deposit. On this basis the associated data are interpreted as being of acceptable quality for resource estimate use. Table 6b details expected parameters for the CDN-SE-1 and 2 standards.

Table 6a: CDN-SE-1 Standard Results for Re-sampled and Twinned Holes

Hole	Sample	Comments	Zn ppm	Zn %	Cu ppm	Pb ppm	Pb%
S1025	56039	Standard SE-1	>2200	2.33	911.54	>2200	1.96
GGR 125	33209	Standard SE-1	>2200	2.60	976.924	>2200	1.8

Table 6b: CDN Laboratories Ltd Standards: Recommended Values

Standard	Gold g/t	Silver g/t	Copper %	Lead %	Zinc %
CDN-SE-1	$0.480 \pm 0.034$	$712 \pm 57$ g/t	$0.097 \pm 0.005$	$1.92 \pm 0.09$	$2.65 \pm 0.20$
CDN-SE-2	$0.242 \pm 0.018$	$354 \pm 21$ g/t	$0.049 \pm 0.003$	$0.957 \pm 0.044$	$1.34 \pm 0.11$

Date of Certification: May 15th, 2007

*(b) Blind Blank Samples*

Blank samples of comparable weight to normal 1.0 m half core samples were systematic inserted at intervals of every 20<sup>th</sup> sample in the laboratory submission stream. These blank samples formed part of the continuous sample number series. Blank samples consisted of non-mineralized anhydrite half-core collected from Acadian drill hole CBB-3. These samples were blind to the receiving laboratory.

Table 7 presents associated zinc and lead analytical results for pertinent blank samples and show that levels of both metals are very low, with those for zinc not exceeding 89 ppm and those for lead not exceeding 32 ppm. Total range of results for zinc is 67.40 ppm and for lead is 24.69 ppm. Review of adjacent sample values showed no obvious cross contamination between blank samples and those of proceeding or subsequent higher grade samples. On this basis no substantial problem is considered to exist with sample cross-contamination arising from laboratory sample preparation procedures. However, the anhydrite used for blanks has a low background level of both zinc and lead and Mercator is currently sourcing a blank with lower metal values.

Table 7: Blind Blank Sample Results

Hole	Sample	Comments	Zn ppm	Pb ppm
S1021	47010	Blank	21.60	7.19
S1025	56040	Blank	29.47	24.12
S1025	56060	Blank	33.00	31.88
GGR 125	33211	Blank	89.00	20.23
Sample Range			67.40	24.69

*(c) Quarter Core Duplicate Samples*

Every 40<sup>th</sup> sample of the Acadian core sample sequence was quarter split and one quarter of the archive half core was submitted to Eastern Analytical, in addition to the standard half sample, as part of the normal sample numbering sequence. Due to the limited number of samples comprising the twin hole and historic re-sampling programs, only 2 sets of quarter samples pertain to this report. Results for these are presented in Table 8 and show that variability at the level of  $\pm .01\%$  occurs within the grade range of the samples. This variation in part reflects heterogeneity of sample material but also includes analytical error plus other potential errors that in combination resolve at less than the  $\pm$  error margins for project certified standards for assay quality results. A larger population of sample results with larger grade range is necessary to identify factors contributing to the noted variation and this should be an on-going project goal.

Table 8: Quarter Core Duplicate Sample Results

Hole	Sample	Comments	Zn ppm	Zn %	Pb ppm	Pb%
S1021	47011		236.01	0.02	80.12	0.01
S1021	47012	1/4 dup of 47011	94.49	0.01	24.07	0.00
S1025	56041		170.21	0.02	68.00	0.01
S1025	56042	1/4 dup of 56041	107.00	0.01	87.83	0.01

*(d) Duplicate Sample Splits*

A duplicate split of prepared pulp material was requested from every 25<sup>th</sup> sample of the normal core sample stream and the laboratory was instructed to complete and report zinc and lead levels for these splits. Splits were labelled 'A and B' respectively and Table 9 presents results for core samples included in the twin and historic re-sample programs. These show variation in the  $\pm .01\%$  (zinc) and  $\pm .02\%$  (lead) ranges which are considered acceptable with respect to deposit grade ranges of interest.

Table 9: Duplicate Sample Split Results

Hole	Sample	Comments	Zn ppm	Zn %	Cu ppm	Pb ppm	Pb%
S1021	47002A	pulp duplicate	675.693	0.07	12.32	53.444	0.01
S1021	47002B	pulp duplicate	595.226	0.06	10.712	35.046	0.00
S1025	56027A	pulp duplicate	>2200	0.57	12.32	336.06	0.03
S1025	56027B	pulp duplicate	>2200	0.56	12.55	479.70	0.05
S1025	56052A	pulp duplicate	>2200	0.35	11.32	>2200	0.29
S1025	56052B	pulp duplicate	>2200	0.34	10.87	>2200	0.29

*(e) Check Samples*

A check sample split was prepared from the same crushed sample material used to prepare the duplicate split samples noted above. This material was pulverised to -100 mesh, labelled, placed in a sealed envelope and returned to Mercator. All check samples were then sent to ALS Chemex in Sudbury, ON for independent analysis of zinc and lead levels. Table 10 presents results for sample splits analyzed at the two laboratories. Results for two of the samples (5627A and 56052A) are consistent and acceptable, varying by a maximum of 0.02% for lead and 0.01% for zinc. The third sample, 56052A, shows zinc variation of 0.15% and lead variation of 0.11%, both of which are slightly higher than desirable. Based on these limited results, re-analysis of the split materials has been recommended, with results to be considered in the on-going QA/QC program.

Table 10: Laboratory Check Sample Results

Hole	Sample	Eastern Analytical (Zn %)	ALS Chemex (Zn %)	Eastern Analytical (Pb %)	ALS Chemex (Pb %)
S1021	47002A	0.07	0.07	0.01	0.01
S1025	56027A	0.57	0.60	0.03	0.01
S1025	56052A	0.35	0.20	0.29	0.18

*(f) Re-sampling and Twinning of Historic Drill Holes*

As noted previously, 4 historic drill holes were twinned and one historic drill hole was re-sampled as part of the ongoing Acadian QA/QC program (Table 11).

Table 11: Historic Drill Holes Twinned Or Re-Sampled In 2007

Getty Historic Hole (1973)	Acadian Twin Hole (2007)	Description
GGR 125	NA	Re-sampled
GGR 212	S1025	Re-logged; Re-drilled
GGR 190	S1021	Re-drilled
GGR 215	S1043	Re-drilled
GGR 37	S1059	Re-drilled

The four Acadian holes completed as twins to earlier Getty holes showed generally good correlation with respect to logged bedrock geology. Assay results for entire dolomite intervals are broadly comparable but discrepancies are present. Table 12 presents comparative lithologic units based on logging of the twinned holes and Table 13 presents corresponding assay results. While sampled interval lengths differ between holes, the weighted average grades calculated for main sections of mineralized dolostone in historic holes GGR-190 and GGR-037 show low grade mineralization with zinc grades varying by 0.30% or less and lead grades varying by 0.08% or less with corresponding twin holes S1029 and S1059. In contrast, historic hole GGR-215 returned a thinner dolostone intercept than seen in twin hole S1043 (1.65 meters versus 4.55 meters), comparable high grade lead value (4.81% versus 5.7%) and lower zinc value (2.25% versus 7.00%). S1043 was presumed to be drilled approximately 10 meters from the historic collar location and this alone could account for the grade and lithological thickness differences noted above. It is also possible that a discrepancy exists between the actual historic hole location and that recorded in the database and this possibility should be addressed in an ongoing manner through continuation of the drill hole twinning program. Notably, both GGR-215 and S1043 intersected higher grade zones of zinc and lead mineralization in comparably thin sections of the carbonate bank at directly comparable elevations, suggesting spatial proximity of the holes.

In the case of re-sampled Getty drill hole GGR-125, for which quarter core samples were submitted for analysis, the total weighted average grades for 19.20 meters of re-sampled dolostone showed very good agreement with corresponding weighted averages based on original Getty values, with zinc varying by 0.14% and lead by only 0.01% (Table 13, Figures 7 and 8). A sample length discrepancy of only 10 centimeters was recognized.

Combined results of the resample and twin hole programs indicate that generally acceptable correlation exists between the data sets tested. However, some discrepancies do exist and it is recommended that the twin hole program be expanded by at least 5 holes and that at least 5 additional historic holes be re-sampled to better constrain the relationship between the old and new data sets. .

Table 12: Comparative Lithology: Historic Holes And Twin Holes

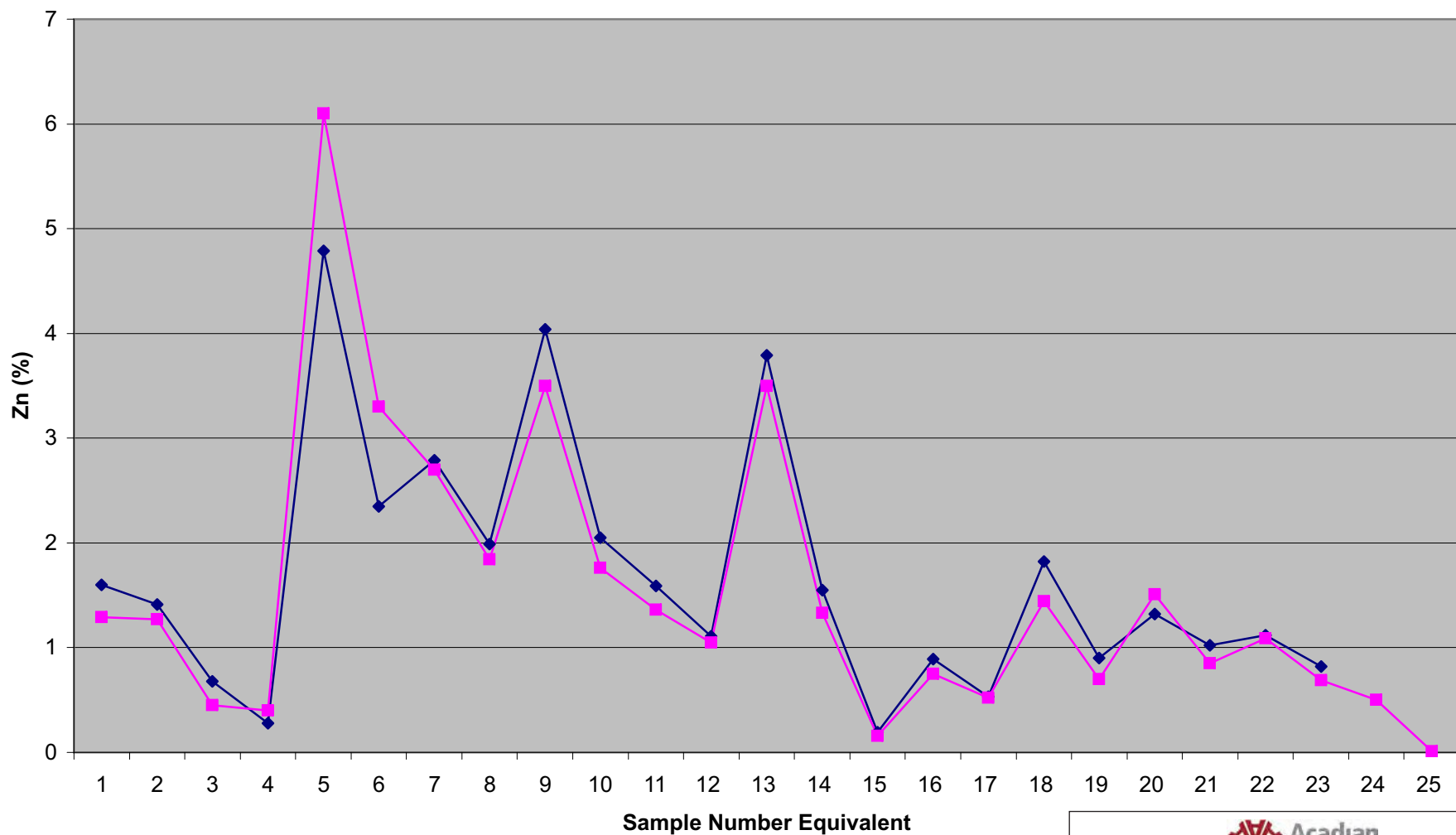
Hole	From (m)	To (m)	Width (m)	Lithology	Twin Hole	From (m)	To (m)	Width (m)	Lithology
GGR190	0.00	26.97	26.97	overburden	S1021	0.00	23.80	23.80	overburden
	26.82	35.72	8.90	dolostone		23.80	34.45	10.65	dolostone
	35.72	43.43	7.71	breccia		34.45	36.46	2.01	breccia
	43.43	48.16	4.73	greywacke		36.45	41.00	4.55	greywacke
GGR212	0.00	28.96	28.96	overburden	S1025	0.00	25.10	25.10	overburden
	28.96	54.25	25.29	dolostone		25.10	58.40	33.30	dolostone
	54.25	58.30	4.05	greywacke		58.40	62.00	3.60	greywacke
GGR215	0.00	48.16	48.16	overburden	S1043	0.00	44.00	44.00	overburden
	48.16	65.50	17.34	gypsum		44.00	60.40	16.40	gypsum
	65.50	67.15	1.65	dolostone		60.40	64.95	4.55	dolostone
	67.15	68.64	1.49	breccia		64.95	65.90	0.95	breccia
	68.64	72.24	3.60	greywacke		65.90	66.40	0.50	greywacke
GGR037	0.00	39.94	39.94	overburden	S1059	0.00	38.50	38.50	overburden
	39.94	69.49	29.55	dolostone		38.50	66.35	27.85	dolostone
	69.49	75.59	6.10	greywacke		66.35	71.00	4.65	greywacke

Note: Twin hole S1043~10m SW of GGR215

Table 13: Comparative Assay Results: Historic Holes And Twin Holes

Hole	From (m)	To (m)	Width (m)	Zn %	Pb %	Twin Hole	From (m)	To (m)	Width (m)	Zn %	Pb %
GGR125	44.20	63.34	19.14	1.63	0.92	resample	44.20	63.40	19.20	1.49	0.93
GGR 190	26.82	35.72	8.90	0.66	0.02	S1021	23.80	34.45	10.65	0.25	0.01
GGR 215	65.47	68.64	3.17	2.25	5.17	S1043	62.50	65.90	3.40	7.00	4.81
GGR037	39.94	69.51	29.57	1.1	1.37	S1059	38.50	66.35	27.85	1.41	1.24





◆ Original Getty Assay
 ■ Re-Assay 2007



Figure 7  
 Hole GGR-125  
 Original and Re-Sample  
 Analytical Results for Zinc

Date: Feb. 2008

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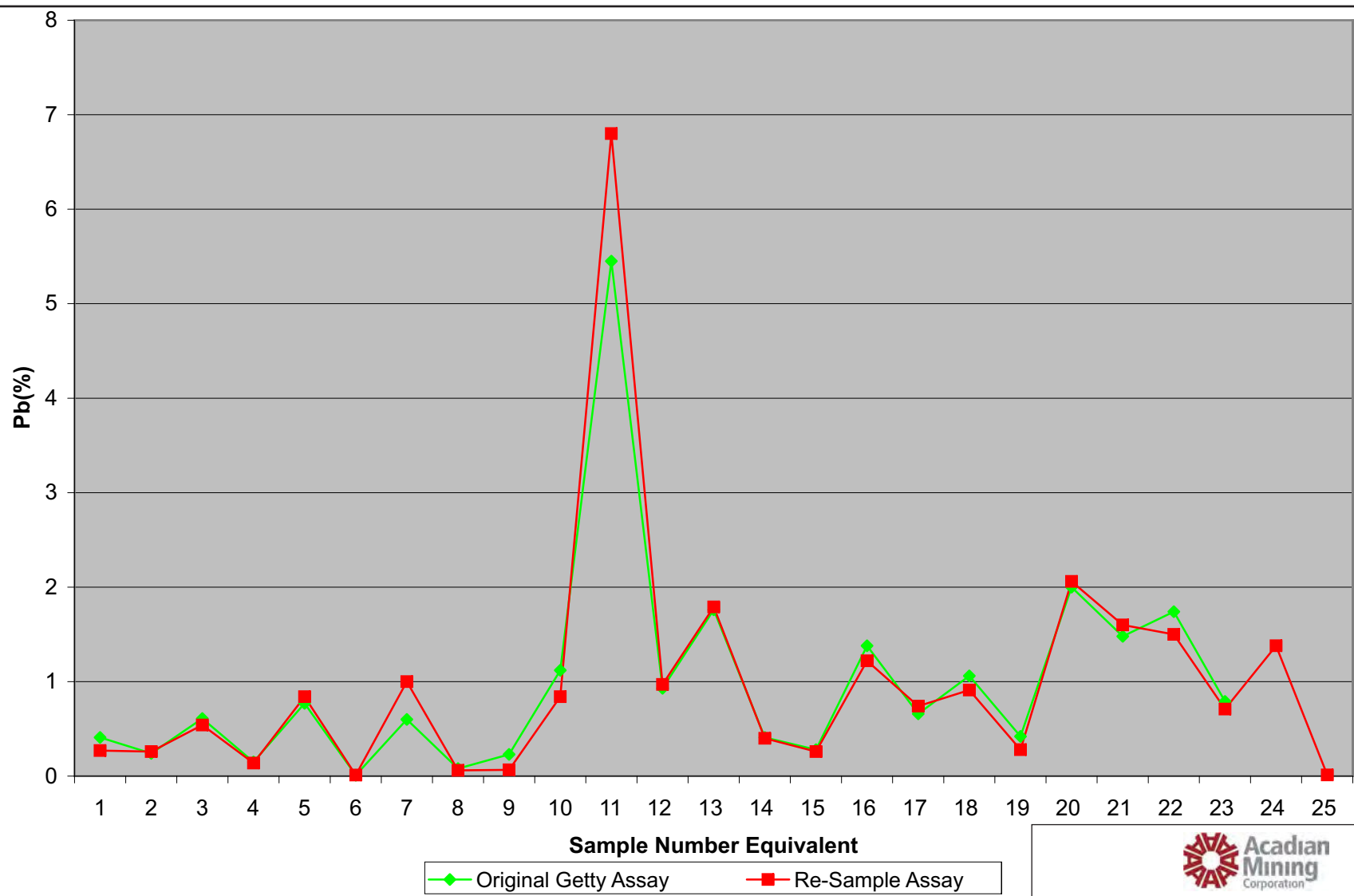


Figure 8  
Hole GGR-125  
Original and Re-Sample  
Analytical Results for Lead

Date: Feb. 2008

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## 14.0 Adjacent Properties

Acadian's Scotia Mine complex adjoins the Getty property to the east and drilling results clearly show that the Getty deposit occurs in a contiguous extension of the carbonate bank complex that hosts zinc-lead mineralization at Scotia Mine. At the effective date of this report Acadian was mining the Scotia Mine deposit through open pit methods and Roy et. al. (2006) reported in detail on mine reserves as well as feasibility study results (Table 14). All Scotia Mine reserves are compliant with both the CIMM Standards and NI 43-101 and Acadian disclosed that mill throughput had reached an average of 2,000 tonnes per day during the last quarter of 2007, primarily processing low grade ore from initially developed areas of the mine. A mine life of 6 years for open pit production followed by slightly over 2 years of underground production from the deposit's Northeast Zone is represented in the feasibility study.

Table 14: Roy et. al. (2006) Scotia Mine Reserves: Effective July 13, 2006

Category	Type	Tonnes	Zinc %	Lead %
Proven	Surface	1,750,000	3.2	1.3
Probable	Surface	1,690,000	2.5	1.0
	Underground	1,150,000	5.7	3.2
	<i>Subtotal</i>	2,840,000	3.8	1.9
Total Proven + Probable	Surface and Underground	4,590,000	3.6	1.7

Note: 0.75% zinc equivalent cutoff; 15% dilution and 90% mining recovery; zinc equivalent =  $\text{zinc}\% + (0.43 \times \text{lead}\%)$

The Getty deposit is located 1700 meters west of the Scotia Mine mill and zinc-lead mineralization hosted by carbonate bank dolomite has been shown through drilling to be present continuously in the sub-surface between the two deposits. However, comparison of Scotia Mine reserve and resource figures with Getty deposit resource figures presented in this report shows that substantially higher metal grades are present at Scotia Mine.

Approximately 1.5 kilometers to the southwest of the Getty deposit, on adjacent exploration claims also held by Acadian, the Carrolls Farm zinc-lead prospect was recently discovered by Acadian in dolomitized carbonate bank lithologies. The historic Carrolls Corner zinc-lead prospect occurs in a comparable geological setting 700 meters further to the west and in combination, these may reflect a continuously mineralized trend extending from Scotia Mine, through the Getty deposit and then to the Carrolls Farm and Carrolls Corner areas. The latter two areas have not been investigated in detail by core drilling to date and do not have associated mineral resources. However, they

present good potential for future delineation of mineral resources and require additional investigation.

## **15.0 Mineral Processing and Metallurgical Testing**

No mineral processing or metallurgical studies have been carried out to date by Acadian on Getty deposit material and no historic studies are known to the authors. However, similarity of this deposit to that at Scotia Mine is well documented and metallurgical similarities can be assumed for purposes of general discussion. Roy et. al. (2006) present results of metallurgical studies completed on the Scotia Mine deposit and these should also be relevant as guides with respect to the Getty deposit. At Scotia Mine lead and zinc are recovered by conventional flotation methods after crushing and grinding, with average recoveries of 90% for zinc at a concentrate grade of 60% zinc and 95% for lead at a concentrate of 75% lead.

## **16.0 Mineral Resource and Mineral Reserve Estimates**

### **16.1 General**

The definition of mineral resource and associated mineral resource categories used in this report are those recognized under National Instrument 43-101 and set out in the Canadian Institute of Mining, Metallurgy and Petroleum Standards on Mineral Resources and Reserves *Definitions and Guidelines* (the CIMM Standards). Assumptions, metal threshold parameters and deposit modeling methodologies associated with the current Getty resource estimate are discussed below in report sections 16.2 through 16.4.

### **16.2 Geological Interpretation Used In Resource Estimation**

All areas of zinc-lead mineralization included in the current resource are restricted to the Getty deposit carbonate bank and occur within dolomitized Gays River Formation lithologies. For resource model purposes the Getty deposit is considered an extension of the adjacent Scotia Mine deposit and both are classified as carbonate-hosted, stratabound zinc-lead deposits of the Mississippi Valley Type (MVT). Mineralization is localized in carbonate bank lithofacies that developed above and around paleo-topographic basement highs comprised of Cambro-Ordovician Goldenville Formation greywacke and slate. By definition, Gays River Formation lithologies are laterally equivalent to laminated and thin bedded limestones of the Macumber Formation.

Zinc and lead mineralization of economic proportions is exclusively developed within dolomitized carbonate bank lithologies at Getty and is considered directly comparable to

that seen on the adjacent Scotia Mine property. Sphalerite and galena are the dominant sulphide minerals present but trace amounts of marcasite/pyrite occur locally, typically as cavity-lining phases that post-date the zinc-lead mineralizing stage. Silver does not occur in economic proportions in this district but does report to Scotia Mine concentrates at levels of about one ounce per tonne. A similar presence at Getty may exist. Barite is absent from the deposit, as is celestite, but traces of fluorite have been reported (Kontak, 1998, 2000; Sangster et. al., 1998).

As noted earlier, several types of lead and zinc mineralization are represented in the related Scotia Mine and Getty deposits, the most important of which are (1) submassive to massive replacements of carbonate bank lithofacies by sphalerite and galena, typically along steeply dipping carbonate bank front intervals that face the open paleo-basin, (2) disseminated, replacement and porosity filling phases within various carbonate bank lithologies adjacent to and within bank-front intervals, and (3) in rare vein and irregular vug settings or as matrix mineralization between greywacke clasts or boulders in a basal breccia unit that typically separates carbonate bank lithologies from basement greywacke. The dominant type of mineralization in the Getty deposit is disseminated in nature.

## 16.3 Methodology of Resource Estimation

### *16.3.1 Overview Of 2007 Estimation Procedure*

The Getty mineral resource estimate is based on a three dimensional block model developed using Surpac © Version 6.0.1 modeling software and the validated project drill hole database. The database includes results from 181 historic diamond drill holes completed by Getty as well as 4 holes completed by Esso The four historic holes twinned by Acadian in 2007 were not included. The current resource outline includes 68 historic holes.

The first step in development of the resource model was creation of a set of interpreted geological cross sections presenting lithocoded rock types interpreted from drill logs as well as lead and zinc core sample assay interval data. These served to establish an understanding of carbonate bank geometry and grade distribution trends present in the deposit and were later augmented by contour plans depicting overburden depth, dolomite thickness and basement surface configurations. Sections were created using the local project grid at a nominal spacing of 100 meters, with adjustment of this spacing made as necessary to provide complete coverage of the deposit. Geological and grade distribution models developed from the sections were used to guide and assess subsequently developed versions of the three-dimensional block model.

Assay results from the validated project database were initially assessed through calculation of distribution statistics for both zinc and lead populations after compositing to a common 1.0 meter support base. In total, 1154 composites were created from 928 original core samples. Frequency distribution and probability plots for the composite data set were also prepared and results were interpreted as showing that the few high grade samples present were reflections of valid mineralization styles for which block-scale correlations could be reasonably expected. This assertion reflects observations made during underground mining of high grade portions of the adjacent Scotia Mine deposit. Composites showing high zinc and lead grades occur in several areas along the north-facing bank front area of the Getty deposit, as is the case at Scotia Mine, but these are typically lower in grade, thinner and spatially less extensive than similar high grade areas at Scotia Mine. On the basis of combined factors, no requirement for high grade capping of assay results in the Getty data set was established.

The Getty deposit model was developed within a three-dimensional constraint (or solid) created in Surpac© initially based on a combination of two contributing parameters, these being (1) a minimum meter % (zinc plus lead) value of 4.00 with a minimum downhole intercept length of 3.0 meters, and (2) lateral limits to the deposit solid defined on the basis of midpoints between mineralized and non-mineralized drill holes. The cut-off was assigned as a reflection of the deposit's near-surface location and associated potential for open pit development.

While not as complex as that at Scotia Mine, the carbonate bank front configuration at Getty is still irregular and the solid developed for deposit modelling purposes is characterised by numerous promontories and re-entrants. This is particularly true along north-facing bank front intervals that show spatial association with areas of best zinc and lead mineralization. This configuration approximates a series of variably-oriented panels of dipping mineralization that, although correlative, how strike and dip changes along the length of the deposit.

Spatial variability of mineralized zone trends at Getty prevented development of experimental variograms for lead and zinc data sets that reflected continuity of the mineralized zone to the degree seen in the original geological cross section model. This issue was addressed by Roy et. al. (2006) at the Scotia Mine deposit through three-dimensional transformation of their deposit model that "unfolded" the various mineralized segments to a common surface. Transformed data supported acceptable variogram models and these were subsequently used to establish parameters for grade interpolation into their block model.

In contrast to the method used at Scotia Mine, mineralized trend variability along the Getty deposit was addressed in the current model through use of a discrete mineralized zone solid constraint and an omni-directional search ellipse for interpolation of lead and zinc grades within the solid. Geometric aspects of the mineralized zones were used to establish an interpolation ellipse range and block grades were assigned within the resource solid using inverse distance squared (ID<sup>2</sup>) interpolation methodology.

Results of the grade interpolation process were checked against geological cross sections to assess conformity and to provide validation of the final deposit block model. A further check on the resource model was completed using nearest neighbour grade interpolation methodology on the deposit solid. Resource figures reflecting several minimum grade thresholds calculated for the block model and combined results constitute the final resource estimate documented in this report.

Report subsections 16.3.2 through 16.3.10 below provide additional information regarding the estimation procedures and parameters summarized above.

#### *16.3.2 Capping of High Grade Assay Values*

Zinc and lead grades for all drill core samples were reviewed and descriptive statistics calculated for both the raw data set and that reflecting 1 meter composite support. The latter are presented below in Table 15 and include only those holes that intercept the deposit solid. Distribution and probability plots were also prepared for this data set and are included in Appendix 3 along with similar plots for the block model..

Table 15: Descriptive Statistics: 1 Meter Drill Core Composites Within Resource Solid

<b>Parameter</b>	<b>Zinc</b>	<b>Lead</b>
Mean	1.19	0.87
Variance	1.399	2.282
Standard Deviation	1.183	1.511
Coefficient of Variation	0.99	1.732
Maximum	11.30	18.54
Minimum	0.00	0.00
Number	1154	1154

Maximum zinc and lead grades at 1 meter composite support are 11.30% and 18.54%-respectively and reflect zones of higher grade mineralization that are considered spatially coherent and correlative at block scale within the deposit. These form a meaningful part of the grade distribution spectrum of the deposit and are associated with valid geological

domains. On this basis, high grade lead and zinc values were not capped for use in the current resource estimate.

### 16.3.3 Compositing of Drill Hole Data

One meter down-hole composites of raw core sample assay values were created for each drill hole, with this length representing the dominant sample interval used by Acadian in the on-going 2007-2008 drilling program. Historic drilling program sample length statistics are presented in Table 16 and review of associated rank and percentile figures show that 99 percent of the historic samples measure less than 2.0 meters in length, 76 percent measure 1.52 meters or less in length and 34 percent measure less than 1.0 meter in length. Average length of historic samples is 1.2 meters.

Table 16: Descriptive Statistics: Historic Core Sampling Intervals

Parameter	Value
Mean	1.20
Variance	0.208
Standard Deviation	0.456
Coefficient of Variation	0.378
Maximum	4.26
Minimum	0.09
Number	928

Sampling of high grade intervals in historic drill holes was typically carried out based on geological contacts with no minimum sample length parameters applied. This is probably reflected in samples from historic programs with lengths of less than 0.5 meters. In total, 1154 assay composites at 1 meter support were calculated from the historic drill hole data set. These were used in the main ID<sup>2</sup> resource block model and were also used to define the resource solid wireframes and to calculate corresponding weighted average zinc and lead grades for drill hole intercepts within the solid. The weighted average intercept grades were used in the Nearest Neighbour interpolation check model and appear in Appendix 3 along with a listing of the 1 meter composites and calculated sub-samples that occur within the solid.

### 16.3.4 Calculation of Equivalent Zinc

A zinc equivalent parameter was calculated to provide definition of resource solids. For this purpose, zinc equivalent was established as  $\text{zinc equivalent} = (\text{zinc \%} + \text{lead \%})$  on the basis of estimated averages of monthly London Metal Exchange spot market values for the two metals for the period July through October 2007. This factor allowed direct



comparison of current resource estimate figures with those of earlier workers who had independently quoted the combined Zn + Pb metal parameter. At the effective date of this report London Metal Exchange spot prices for lead were substantially higher than those for zinc (~\$1.58US/lb lead versus \$1.22US/lb.zinc – see Appendix 2 for support data), with this relationship being opposite to that seen earlier in 2007 when zinc was trading at substantially higher levels than lead. This highlights the need for caution when considering equivalent metal calculation parameters and their potential for impact on resource evaluations.

With respect to the Getty block model, zinc and lead grades were separately interpolated into the model and zinc equivalent values that appear in the resource statement were calculated from the average metal values defining the resource. As noted earlier, zinc equivalent values for 1 meter drill core composites were also used to guide development of model solid limits.

#### *16.3.5 Variography*

An initial assessment of variography for the deposit area was carried out by creation of experimental variograms within the main northwest trending portion of the deposit that corresponds with mineralization developed along the contact between overlying evaporite and extending southwest into the dolomitized bank complex proper. This forms a broad corridor of northwest striking, northeast dipping mineralized carbonate that shows restriction of most mineralization to a relatively narrow, 150 meter elevation corridor. Substantial irregularities of the mineralized carbonate's trend are present in this corridor and take the form of promontories and re-entrants that have associated variations in strike and dip components. A similar configuration marks the northwest end of the main deposit where bank front carbonate faces and dips to the northwest along a strike length of approximately 500 meters before merging with the western side of the deposit that faces and dips to the southwest along the west side of the basement high.

The assay data set associated with the assemblage of multiple mineralized zone segments described above did not provide meaningful variography on the scale of the entire deposit and on this basis, an alternative approach was necessary to define grade interpolation ellipse parameters for the resource model. Due to complexity of process, no attempt was made to transform and “unfold” the deposit prior to calculation of experimental variograms in the manner used at Scotia Mine by Roy et. al.(2006).

### *16.3.6 Setup of October 2007 Three Dimensional Block Model*

Block model total extents were defined in local grid coordinates as being from 6000 meters East to 7145 meters East and from 6450 meters North to 7150 meters North. The model extends in elevation from 150 meters to 700 meters relative to the Scotia Mine local grid that has a datum of mean sea level plus 500.11 meters. The nominal topographic surface in the Getty deposit area occurs between the 550 meter and 520 meter local grid elevations and all resource solids respect the bedrock/overburden surface defined by the resource drill hole data set. As noted earlier, drill holes in the Getty database are coordinated to both the Scotia Mine local grid and to UTM Zone 20 (NAD83) and collar coordinates for the local grid are reported in Appendix 2. The local grid closely reflects the 3° Modified Transverse Mercator (MTM) projection for Nova Scotia (ATS 77 datum) and transformation details appear in Appendix 2.

A standard block size for the model was established at 2.50 meters x 2.50 meters x 2.50 meters, with sub-blocking at 1.25 meter x 1.25 meter x 1.25 meter to better fit the model along geological, topographic and peripheral solid limits. Descrretization within blocks was 1 x 1 x 1 and no block rotation was applied. The chosen block size reasonably reflects the laterally continuous but potentially variable character of mineralization within the deposit and allows definition of thinner zones of mineralization present in some areas. The chosen block size also provides a meaningful approximation of a mining unit size that might be applicable in development of this style of base metal deposit.

The major lithologic units incorporated in the Getty geological model were discussed in report section 6.0 and all historic drill holes were lithocoded using the lithocode system originally established by Westminer for the Scotia Mine deposit. This system is also being used in the current Getty deposit drilling program by Acadian and a listing of lithocodes and descriptions appears in Appendix 2.

Resource estimation was completely constrained within a deposit solid developed from systematic wireframing of mineralized envelope limits on geological cross sections cut through the deposit. Wireframes were joined to create the grade constraint solid and then checked to correct any geometric inconsistencies. A minimum metal % (zinc + lead) value of 4.0 and minimum 3.0 meter down hole sample length was used initially to define sectional wireframe limits with slight modifications locally required after inspection of the resultant solid. Lateral or down-dip deposit limits were commonly created at midpoints between holes that mark the mineralized zone to non mineralized zone transition.

### 16.3.7 Material Densities

Density factors for the block model were assigned using a calculation method incorporating both an assigned value for the dolomite host rock and a value developed from relative proportions of zinc and lead occurring in sphalerite and galena present in a core sample composite. Values were generated from interpolated metal block grades within the deposit solid and assigned to associated blocks. These values were multiplied by corresponding block volumes and results summed to obtain tonnage values for the block model. The density calculation formula used for the block model appears below and follows application by Roy et. al. (2006) in feasibility study reporting for the adjacent Scotia Mine project. The density calculation recognizes a base dolostone value of 2.7 g/cm<sup>3</sup> plus a contribution based on zinc and lead content, assumed to be present only as sphalerite and galena. The density factor calculation appears below:

$$\text{Factor: } 1 / (\text{Pb \%} / (86.6 \times 7.6 \text{ g/cm}^3) + \text{Zn \%} / (67.0 \times 4.0 \text{ g/cm}^3) + (1 - \text{Pb \%} / 86.6 - \text{Zn \%} / 67.0) / 2.7 \text{ g/cm}^3)$$

*Note: 86.6 = weight percent of Pb in galena, 67.0 = weight percent of Zn in sphalerite*

No historic collection of density data for either the Scotia Mine or Getty deposits was identified in exploration records but Acadian is currently establishing a core sample density database through systematic analysis of core samples from the on-going 2007-2008 drilling program. For purpose of review, descriptive statistics for the drill hole composite density values used in the current block model are presented in Table 17.

Table 17: Descriptive Statistics: Block Model Density Values

Parameter	Value
Mean	2.824
Variance	0.009
Standard Deviation	0.094
Coefficient of Variation	0.033
Maximum	3.543
Minimum	2.700
Number	91180

### 16.3.8 Interpolation Ellipse and Resource Estimation

Inverse Distance Squared (ID<sup>2</sup>) grade interpolation was used to assign block model metal grades, with blocks being fully constrained by limits of the resource solid. Since useful variogram models were not generated for the deposit data set, a range value for the grade interpolation ellipse was established on the basis of the deposit geological model

reflected in the resource grade constraint solid and its interaction with an isotropic interpolation ellipse. Samples within the deposit solid were considered to form a continuous mineralized zone within which adjacent samples at higher and lower elevations as well as in laterally adjacent sites within the solid were considered valid contributors to block grade. No metal zonation trends had been defined on the deposit scale that would negate this approach. A maximum of 21 sample composites was established for estimation of individual block grades with no more than 7 composites coming from a single drill hole. These including sample parameters ensured both multiple drill hole inclusion in block grade estimations and lateral grade projection between drill holes in the dip and strike orientations. A 100 meter range was chosen for the search ellipse after assessment of trial run results for 50 meter, 75 meter and 125 meter ranges. The 100 meter model produced grade distribution patterns most closely resembling those expected from the geological model and consistent with the authors' experience in the district.

A single pass of ID<sup>2</sup> grade interpolation using an isotropic search ellipse having a 100 meter range described above was completed and results were reported at grade thresholds of 1.50%, 2.00%, 2.50% and 3.00% zinc equivalent. Resulting grade distribution within the model was assessed against a set of vertical geological and grade cross sections cut through the deposit at 100 meter intervals and also against a set of horizontal sections cut through the model at 10 meter elevation intervals. Results were considered acceptable against the geological model

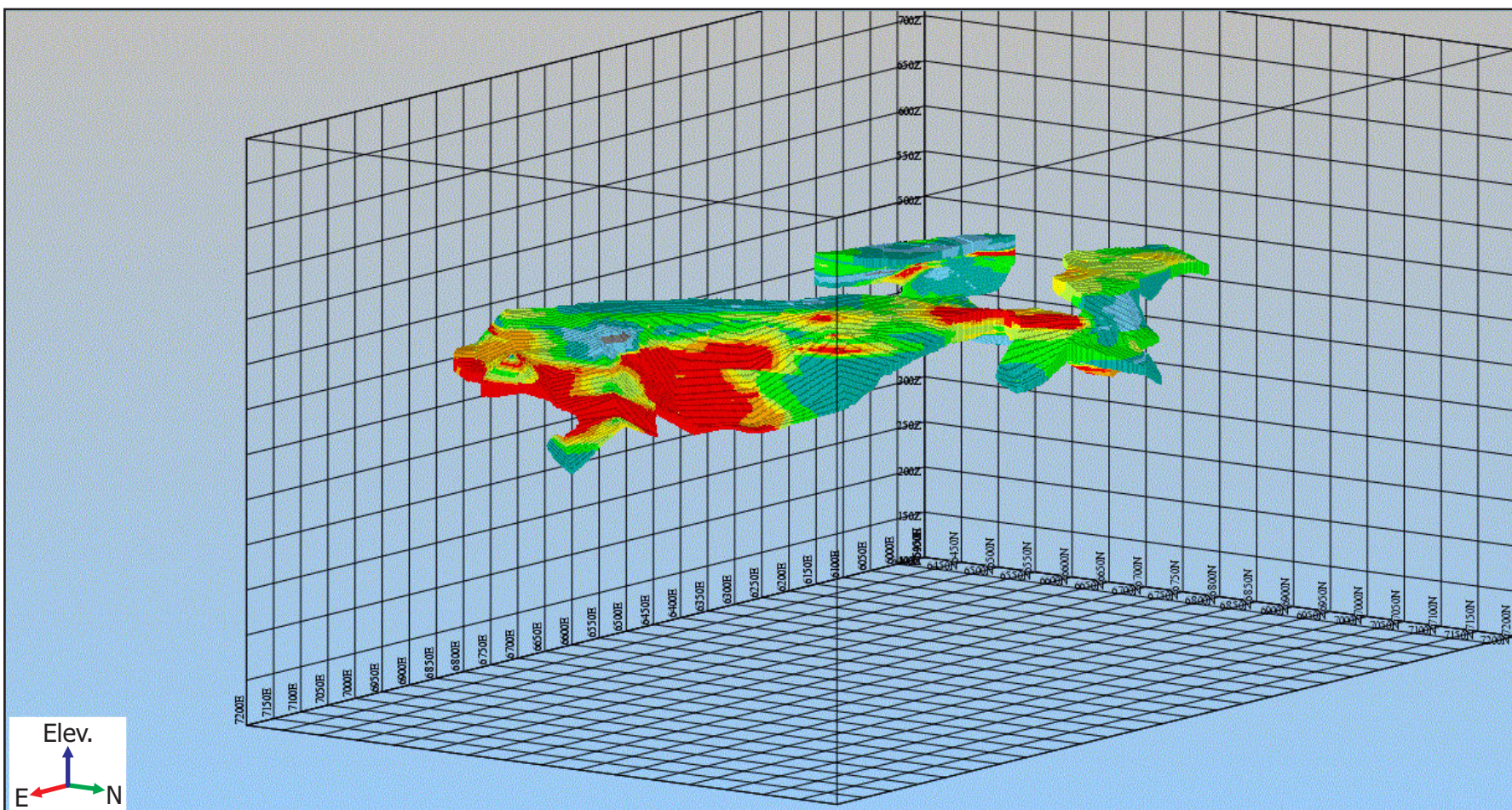
Block grade, block density and block volume parameters estimated for the deposit were combined to arrive at the final deposit tonnage and grade estimate that is presented in Table 18 below. Results are considered compliant with Canadian Institute of Mining, Metallurgy and Petroleum Standards on Mineral Resources and Reserves: *Definitions and Guidelines* (the CIMM Standards) as well as disclosure requirements of National Instrument 43-101. All resources are classified in the Inferred category and factors supporting such classification are discussed below in report sections 16.3.9 and 16.3.10. Figures 9, 10 and 11 present perspective views of the block model and a detailed plan

Table 18: Mineral Resource Estimate For Getty Deposit – December 12<sup>th</sup>, 2007

Resource Category	Zn Equivalent % Threshold*	Tonnes (Rounded)	Lead %	Zinc %	Zinc% + Lead %
Inferred	2.00	4,160,000	1.40%	1.81%	3.21%
Inferred	2.50	2,860,000	1.60%	2.06%	3.66%
Inferred	3.00	1,970,000	1.82%	2.26%	4.08%
Inferred	3.50	1,300,000	2.09%	2.42%	4.51%

\*Note: Zn Equivalent calculated as  $Zn\ Equivalent = (Zn\% + Pb\%)$  based on averaged July to October 2007 zinc and lead market pricing





Block Grades Zn Eq % (Zn % + Pb % )

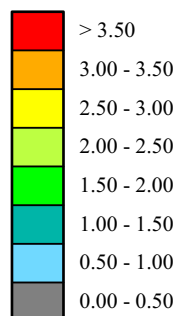


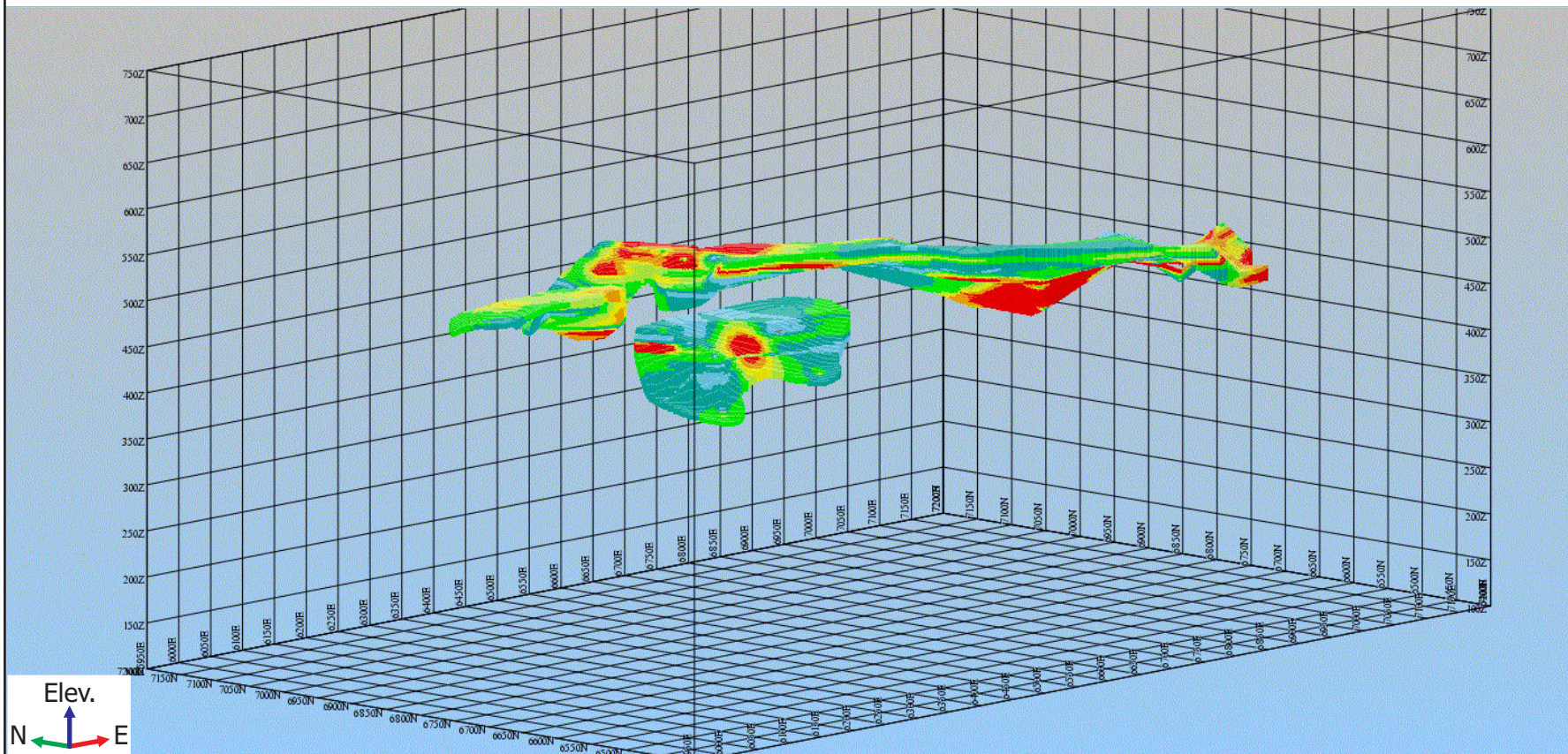
Figure 9  
Three Dimensional View of  
Getty Block Model  
Looking Southwest

Date: Dec. 2007

Local Grid

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Block Grades Zn Eq % (Zn % + Pb % )

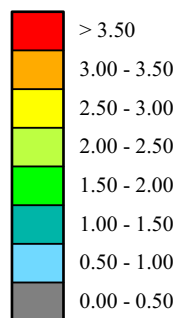


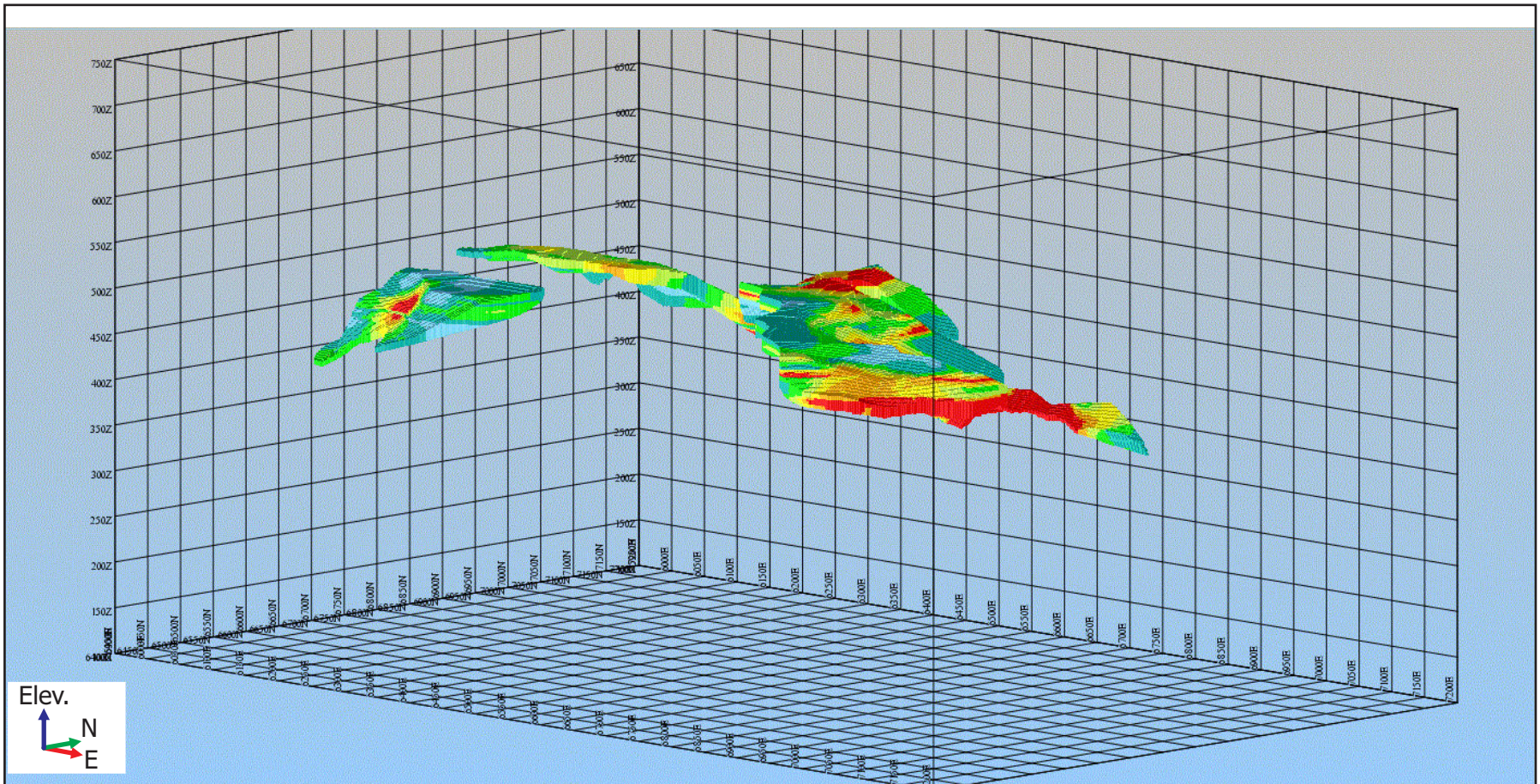
Figure 10  
Three Dimensional View of  
Getty Block Model  
Looking Northeast

Date: Dec. 2007

Local Grid

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Block Grades Zn Eq % (Zn % + Pb % )

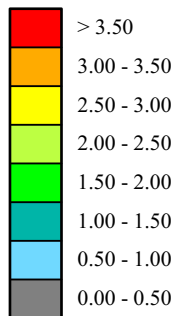


Figure 11  
Three Dimensional View of  
Getty Block Model  
Looking Northwest

Date: Dec. 2007

Local Grid

mercator CORPORATION

projection is included in Appendix 4 along with a set of horizontal sections at 10 meter vertical increments and 3 representative vertical cross sections through the model.

### *16.3.9 Resource Category Definitions*

Definitions of mineral resource and associated mineral resource categories used in this report are those recognized under National Instrument 43-101 and set out in the Canadian Institute of Mining, Metallurgy and Petroleum Standards On Mineral Resources and Reserves *Definitions and Guidelines* (the CIMM Standards). These are set out below:

#### Mineral Resource

A “Mineral Resource” is a concentration or occurrence of natural, solid, inorganic or fossilized organic material in or on the earth’s crust in such form and quantity and of such a grade or quality that it has reasonable prospects for economic extraction. The location, quantity, grade, geological characteristics and continuity of a Mineral Resource are known, estimated or interpreted from specific geological evidence and knowledge.

#### Inferred Mineral Resource

An “Inferred Mineral Resource” is that part of a Mineral Resource for which quantity, grade or quality, densities, shape and physical characteristics, can be estimated on the basis of geological evidence and limited sampling and reasonably assumed, but not verified, geological and grade continuity. The estimate is based on limited information and sampling gathered through appropriate techniques from locations such as outcrops, trenches, pits, workings and drill holes.

#### Indicated Mineral Resource

An “Indicated Mineral Resource” is that part of a Mineral Resource for which quantity, grade or quality, densities, shape and physical characteristics are so well established that they can be estimated with confidence sufficient to allow the appropriate application of technical and economic parameters to support mine planning and evaluation of the economic viability of the deposit. The estimate is based on detailed and reliable exploration and testing information gathered through appropriate techniques from locations such as outcrops, trenches, pits, workings, and drill holes, that are spaced closely enough for geological and grade continuity to be reasonably assumed.



### Measured Mineral Resource

A “Measured Mineral Resource” is that part of a Mineral Resource for which quantity, grade or quality, densities, shape and physical characteristics are so well established that they can be estimated with confidence sufficient to allow the appropriate application of technical and economic parameters, to support production planning and evaluation of the economic viability of the deposit. The estimate is based on detailed and reliable exploration and testing information gathered through appropriate techniques from locations such as outcrops, trenches, pits, workings, and drill holes, that are spaced closely enough to confirm both geological and grade continuity.

#### *16.3.10 Resource Classification*

All mineral resources presented in the current estimate have been assigned to the Inferred resource category. This reflects consideration of several factors, including drill hole spacing and geological interpretations, but the most important contributing factor is the historic nature of essentially all geological logs and assay data used in the estimate, and inability to provide a complete validation record for the historic drilling results back to originally associated laboratory certificates. In balance, validation of the earlier results through Acadian’s hole twinning and core-re-sampling programs showed no reason to doubt the earlier data set and at least three major mining firms have used the same data to calculate grade and tonnage estimates for the deposit. In combination, these factors are considered to provide an adequate technical basis for classification of the current resource estimate to the Inferred category.

#### *16.3.11 Validation Of Model*

##### *Visual Comparison To Geological Sections*

Results of block modeling were compared on a section by section basis with corresponding interpreted geological and grade distribution sections prepared prior to block model development. This showed that block model grade patterns show reasonable correlation with those interpreted from the geological sections and that the stratabound character of the mineralization was being properly represented. Results of visual inspection are interpreted as showing an acceptable degree of consistency between the block model and the independently derived sectional interpretation., thusly providing a measure of validation against the geological model developed for the deposit.

### *Comparison of Composite Database and Block Model Grades*

Descriptive statistics were calculated for the entire drill hole composite population intercepting the deposit solid and these were compared to values calculated for corresponding block model figures. The mean drill hole composite grades of 1.19% zinc and 0.87% lead were found to compare acceptably with the 1.27% zinc and 0.87% lead corresponding grades of the total block model, thereby providing a general check on the model with respect to the underlying total assay composite population. Table 19 presents results of the comparison.

Table 19: Drill Hole Composite Grades And Total Resource Solid Grade Comparison

Parameter	Total Solid Grade		1 Meter Composites	
Element	Zn %	Pb %	Zn %	Pb %
Mean	1.27	0.87	1.19	0.87

### *Comparison of With Nearest Neighbour Grade Interpolation Model*

The ID<sup>2</sup> block model was checked using Nearest Neighbour (NN) grade interpolation methodology within the same resource solid used for the ID<sup>2</sup> method. At the 2% zinc equivalent threshold this resulted in definition of 4,270,000 tonnes (rounded) at an average zinc grade of 1.72% and average lead grade of 1.45% (Table 20). These results generally confirm the 4,160, 000 tonnes at 1.81% zinc and 1.40% lead reported for the ID<sup>2</sup> method. At higher threshold values, grades from the NN model exceed those for ID<sup>2</sup> with associated category tonnages being lower. This was an anticipated result of the method comparison and with this in mind, overall results of the NN model at the lowest threshold value were considered a reasonable check on the preferred ID<sup>2</sup> model results. Weighted average drill hole intercepts used in the NN estimate appear in Appendix 2.

Table 20: Results Of Nearest Neighbour Block Model Estimate

<b>*Equivalent Zn% Threshold</b>	<b>Tonnes (Rounded)</b>	<b>Pb %</b>	<b>Zn %</b>	<b>*Zinc +Pb %</b>
2.00	4,270,000	1.45	1.72	3.18
2.50	3,450,000	1.62	1.81	3.42
3.00	1,780,000	2.05	2.05	4.09
3.50	890,000	2.43	2.46	4.89

*\*Note: Zn Equivalent calculated as Zn Equivalent = (Zn% + Pb%) based on averaged July to October 2007 zinc and lead market pricing*

### 16.4 Comments On Previous Resource or Reserve Estimates

Three historic mineral resource estimates were reviewed for purposes of this report and these were referenced previously in section 5.2. The first was prepared in 1976 for Getty

by MPH Consulting Limited (Riddell, 1976) and apparently followed earlier in-house estimates by Getty. Subsequently, an in-house assessment was prepared by Esso (MacLeod, 1980) and in 1992 Westminer also completed an estimate (Hudgins and Lamb, 1992). Results of these programs are presented in Table 21 below and, as noted earlier, all are historic in nature, pre-date NI 43-101 and are not compliant with current CIMM Standards. As such, they should not be relied upon.

Table 21: Historic Tonnage And Grade Estimates - Getty Zn-Pb Deposit  
(Estimates Are Not Compliant With NI 43-101 or CIMM Standards)

Reference	Cutoff	Tonnes	Pb %	Zn %	Zn + Pb %
Riddell (1976)	2% Zn + Pb	4,005,000	1.84	1.87	3.02
*MacLeod (1980)	1.5% Zn +Pb	3,078,000	1.37	1.60	2.97
**Hudgins and Lamb (1992)	**1.5% Zn Eq.	4,500,000	1.33	1.87	3.20

\* Diluted and Minable; \*\*Zn Eq. =  $Zn\% + 0.60 \times Pb\%$

Support documents provided for the historic estimates showed that those of Getty and Esso were based on drill-hole-centered polygonal methods with tonnage weighting to establish final deposit grade. A single density factor of 11.5 cubic feet per ton (~2.78g/cm<sup>3</sup>) was used in the Riddell (1976) estimate and this appears to have been used by MacLeod (1980) before application of a 10% tonnage reduction factor to drill hole intercepts. Westminer employed a cross-sectional method using Surpac© mining software to determine resource area limits and volume and used a single density factor of 2.75g/cm<sup>3</sup> to estimate tonnage. Deposit grade was calculated as the length-weighted average of all drill hole intercepts but spatial distribution of grade within the deposit was not specifically addressed.

A summary review of supporting file information for the historic estimates was completed for current purposes and it is apparent that the noticeably lower tonnage figure quoted by Esso reflects exclusion of certain drill holes based on the report's development potential assumptions. The higher lead grade in the MPH estimate is also notable but main contributing factors were not clearly identified.

Riddell (1976) completed a preliminary economic assessment for open pit development of a 3.6 million ton (3.3 million tonne) portion of the deposit at a diluted grade of 1.28% Pb and 1.74% Zn. Modeling parameters included options of a stand-alone mill, custom milling of ore at Esso's adjacent Gays River site and development of a jointly-owned mill complex in association with Esso. Analysis showed that a 20 year model producing at 182,000 tons per year with a dedicated mill was uneconomic. However, 10 year projects producing at 375,000 tons per year were financially attractive in both the custom milling and jointly owned mill models.

In 1980 Esso reported on economic aspects of developing the deposit based on an insitu tonnage and grade model of 3.1 million diluted tons (2.8 million tonnes) grading 1.37% Pb and 1.60% Zn (MacLeod, 1980). This study concluded that mining the deposit through open-pit methods as an ore supplement to the Gays River deposit was economically viable, provided that important operating assumptions were met. Positive Net Present Value figures at 15% discounting were returned for 1000 and 1250 ton per day production rates, with the Gays River operation absorbing certain operating and capital cost components. George (1985) again reviewed deposit economics for Getty and used economic analysis applied to tonnage and grade curves to show that a deposit size of approximately 8 million tons was necessary to justify stand-alone profitable development at realizable metal grades. The earlier MPH work was also reviewed and some of the economic models updated. None of the work indicated that profitable stand-alone development of the deposit could be expected under existing market conditions of the time.

Hudgins and Lamb (1992) reported on preliminary economic analysis of a 3.9 million tonne portion of the total resource at their assigned grade and concluded that a positive economic case could be made for development of the property as a “top-up” source of feed for the Gays River concentrator. Assumptions included sharing of various operating costs with the Gays River operation and that the full 1500 tonne per day capacity of the Gays River concentrator would not be required for underground production from that Esso property, thereby providing excess capacity for Getty ore.

In review, each of the historic estimates reflects specific assumptions considered appropriate at the time of preparation. This includes exclusion of certain historic drill holes, establishment of different maximum depth criteria and use of differing minimum grade and width cut off values. The current estimate does not directly reflect any of the parameter sets used in the early programs and results are therefore different. However, all historic programs model the Getty deposit as a relatively low grade accumulation of lead and zinc having potential for open pit development. From the grade and tonnage perspective the earlier estimates are generally consistent with results of the current estimate and provide useful and relevant views of the deposit under historic market conditions.

## **17.0 Other Relevant Data and Information**

### **17.1 Environmental and Surface Title Liabilities**

The Getty deposit underlies an area of predominantly cleared land with limited peripheral forest cover that is being actively used for agricultural purposes. This primarily reflects

one dairy farming operation with associated infrastructure. No obvious environmental liabilities with respect to current land use in the deposit area deposit were known to the authors at the report date and no such liabilities had been communicated by Acadian personnel. However, this comment does not constitute a professional opinion with respect to environmental status of the property. Presence of the Gays River watercourse along a portion of the deposit's eastern margin has required enhanced diligence with respect to surface exploration activities such as drilling and the authors surmise that proximity to the river will remain an important consideration in any development evaluation or planning efforts.

In addition to the above, status and details of surface rights, titles and land access agreements were not reviewed by the authors for purposes of this report. However, Acadian has advised that no difficulties exist to date on this front and that the company has established access agreements to allow all current work programs to be carried out. On a related point, surface rights holders in Nova Scotia typically hold title to gypsum and limestone occurring on their lands. In some instances gypsum and/or limestone rights have been severed from the surface title or legal agreements have been made that bear on their ownership. While current status of gypsum title was not investigated by the authors for report purposes, this point is noted as being relevant to assessment of future development options for the deposit. As in the preceding case, no professional opinion is being provided with respect to surface or mineral right titles. .

## **18.0 Interpretation and Conclusions**

The Getty zinc lead deposit is a carbonate hosted, stratabound lead – zinc deposit of the Mississippi Valley Type (MVT) that exists as an extension to the Scotia Mine zinc-lead deposit located approximately 1700 meters to the southeast. Dolomitized carbonate bank lithologies are continuously present, variably mineralized and correlative between the two deposits, but mineral resource limits for the deposits do not adjoin at present. Both are developed in carbonate bank lithologies of the Gays River Formation that occur along discrete paleo-topographic highs consisting of Cambro-Ordovician Goldenville Formation greywacke. Bank morphology in the Getty area differs from that at Scotia Mine by having generally shallower bank-front slopes. The Scotia Mine deposit has higher overall lead and zinc resource grades than Getty and these reflect higher proportions of submassive to massive sphalerite and galena along moderate to steeply dipping (40° o to 70°) bank-front intervals. Lack of comparable high grade material in moderate to steeply dipping bank font intervals accounts for the lower average zinc and lead resource grades that apply to the Getty deposit.

Review and validation of historic Getty exploration data and incorporation of results from core re-sampling and twinning programs completed for the current estimate showed that historic data were of acceptable quality for resource estimation purposes. On this basis, a fully constrained three dimensional block model for the deposit was developed using Surpac© 6.02 deposit modeling software. Block size was established as 2.5 meters by 2.5 meters x 2.5 meters with sub-blocking at 1.25 meters by 1.25 meters by 1.25 meters. Grade interpolation was accomplished using Inverse Distance Squared (ID<sup>2</sup>) methodology using an omni-directional interpolation ellipse with a range of 100 meters. The model was fully constrained within a deposit solid based on a minimum meter % zinc equivalent (zinc % + lead %) value of 4.00 and a 3.0 meter minimum downhole intercept length parameter. The cutoff criteria for the solid reflects relatively near-surface position of most deposit tonnage and associated potential for open pit development. Table 22 below reports the resource estimate, all of which has been classified in the Inferred category based on factors reflecting quality of historic drilling data and historic drill hole spacing.

Table 22: Mineral Resource Estimate For Getty Deposit – December 12<sup>th</sup>, 2007

<b>Resource Category</b>	<b>Zn Equivalent % Threshold*</b>	<b>Tonnes (Rounded)</b>	<b>Lead %</b>	<b>Zinc %</b>	<b>Zinc% + Lead %</b>
Inferred	2.00	4,160,000	1.40%	1.81%	3.21%
Inferred	2.50	2,860,000	1.60%	2.06%	3.66%
Inferred	3.00	1,970,000	1.82%	2.26%	4.08%
Inferred	3.50	1,300,000	2.09%	2.42%	4.51%

\*Note: Zn Equivalent calculated as  $Zn\ Equivalent = (Zn\% + Pb\%)$  based on averaged July to October 2007 zinc and lead market pricing

## 19.0 Recommendations

Based on results of the resource estimation program summarized above, the following recommendations are provided with respect to future exploration and resource delineation programs for the Getty deposit.

1. Additional twinning and re-sampling of historic drill holes should be completed to provide coverage over the entire extent of the deposit outline. This should include a minimum of 5 additional twin holes and re-sampling of at least 5 additional historic holes. Results should be closely assessed against earlier logs and assay data.
2. The QA/QC program should be modified slightly to include insertion of standard and blank samples in direct sequence with all higher grade intercepts, regardless of their location relative to the systematized insertions currently in place.

An additional certified standard in the 5% to 8% zinc and 1% to 4% lead range should be procured for such use.

3. A project database of specific gravity data should be established with representation across the complete grade range of the deposit. Data should be acquired from every Acadian drill hole and include representation of the non-mineralized host rock sequences such as anhydrite, gypsum, basal breccia and Goldenville Formation greywacke.
4. Upgrading of current Inferred category resources to higher resource categories will require additional core drilling at closer hole spacing. Based on configuration of the bank structure and location/alignment of historic holes, the current Acadian hole spacing of 50 meters by 50 meters should provide sufficient data and confidence in correlation to support delineation of Indicated resources. Establishment of Measured category parameters should reflect review of the 50 meter by 50 meter drilling pattern results.
5. A digital elevation database should be developed for the deposit area with resolution in the 1.0 meter or less range. Data could be cost-effectively acquired by a ground crew using survey quality Differential Geographic Positioning System (DGPS) methods.
6. Getty deposit limits are well defined at present but work by Acadian to the west in the Carrolls Farm and Carrolls Corner areas indicates presence of a series of mineralized carbonate banks that extend southwesterly from the Getty deposit's west flank. Potential for similar extensions is also present to the northwest of the deposit. These areas should be tested by core drilling on a priority basis with the southwest extension opportunity considered highest in relative priority.

Respectfully submitted,

*[Original signed by]*

*[Original signed by]*

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\_\_\_\_\_  
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Date: March 25, 2008

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## **Appendix 1: Statements of Qualifications**

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**MERCATOR GEOLOGICAL SERVICES LIMITED**

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Ph. (902) 463-1440; Fax (902) 463-1419; e-mail info@mercatorgeo.com

**CERTIFICATE of AUTHOR**

I, Michael P. Cullen, *P. Geo.* do hereby certify that:

1. I am currently employed as a Senior Geologist by:  
  
Mercator Geological Services Limited  
65 Queen St  
Dartmouth, Nova Scotia, Canada  
B2Y 1GA
2. I graduated with a Masters Degree in Science (Geology) from Dalhousie University in 1984. In addition, I obtained a Bachelor of Science degree (Honours, Geology) in 1980 from Mount Allison University.
3. I am a registered member in good standing of the Association of Professional Geoscientists of Nova Scotia, registration number 064.
4. I have worked as a geologist in Canada and internationally since graduation from university.
5. I have read the definition of “qualified person” set out in National Instrument 43-101 (“NI 43-101”) and certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfill the requirements to be a “qualified person” for the purposes of NI 43-101
6. I am one of the qualified person responsible for preparation of the technical report entitled:  
  
TECHNICAL REPORT ON  
MINERAL RESOURCE ESTIMATE  
GETTY ZINC - LEAD DEPOSIT  
GAYS RIVER AREA  
HALIFAX COUNTY, NOVA SCOTIA  
CANADA  
NTS 11E03B  
Effective Date: December 12, 2007
7. I have visited the Getty Property on numerous occasions since September , 2006 and most recently visited the property on September 17<sup>th</sup>, 2007 at which time diamond drill core was examined and Acadian’s core logging facility at the Scotia Mine site was also visited. Since September, 2006 I

- have participated in numerous meetings with Mercator and Acadian staff regarding Getty deposit geology.
8. I am responsible for supervision of all aspects of report preparation and specifically responsible for report sections 1, 6, 7, 8, 16, 17, 18 and 19.
  9. I previously reviewed and reported on historic Getty deposit drilling results on behalf of Savage Zinc Inc., this work being carried out by Mercator Geological Services Limited on a fee for service basis in 2001.
  10. I am not aware of any material fact or material change with respect to the subject matter of the Technical Report that is not reflected in the Technical Report, the omission to disclose which makes the Technical Report misleading.
  11. I am independent of the issuer applying all of the tests in section 1.5 of National Instrument 43-101.
  12. I have read National Instrument 43-101 and Form 43-101F1, and believe that this Technical Report has been prepared in compliance with that instrument and form.
  13. I consent to the filing of the Technical Report with any stock exchange and other regulatory authority and any publication by them, including electronic publication in the public company files on their websites accessible by the public, of the Technical Report.

Dated this 25<sup>th</sup> Day of March, 2008

*[Original signed and sealed by]*

Michael P. Cullen, M. Sc., P. Geo.  
Senior Geologist  
Mercator Geological Services Limited

## MERCATOR GEOLOGICAL SERVICES LIMITED

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### CERTIFICATE of AUTHOR

I, Chrystal Kennedy, B.Sc. (Geol.), P. Geo. do hereby certify that:

1. I am currently employed as a Senior Geologist by:  
  
Mercator Geological Services Limited  
65 Queen St  
Dartmouth, Nova Scotia, Canada  
B2Y 1G4
2. I graduated with a Bachelor of Science Degree (Adv. Major Geology) from Dalhousie University in 1996. In addition, I obtained a Bachelor of Science degree (Honours, Biology) in 1993 from Dalhousie University.
3. I am a registered member in good standing of the Association of Professional Geoscientists of Nova Scotia, registration number 105.
4. I have worked as a geologist in Canada since 1996.
5. I have read the definition of “qualified person” set out in National Instrument 43-101 (“NI 43-101”) and certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfill the requirements to be a “qualified person” for the purposes of NI 43-101
6. I am one of the qualified persons responsible for preparation of the technical report entitled:

TECHNICAL REPORT ON  
MINERAL RESOURCE ESTIMATE  
GETTY ZINC - LEAD DEPOSIT  
GAYS RIVER AREA  
HALIFAX COUNTY, NOVA SCOTIA  
CANADA  
NTS 11E03B

Effective Date: December 12, 2007

7. I have visited the Getty Property on numerous occasions since September , 2006 and most recently visited the property on February 11, 2008. I am currently responsible for supervision of a diamond drilling program being carried out on the Getty property by Acadian Mining Corp. I have

- examined core logging and sampling facilities at Acadian's Scotia Mine site and have participated in numerous meetings with Mercator and Acadian staff regarding Getty deposit geology.
8. I am responsible for preparation of report sections 2, 3, 4, 9, 10, 11, 12, 15, and 20 and contributed to sections 5, 6, 7, 8, 16, 18 and 19.
  9. I am not aware of any material fact or material change with respect to the subject matter of the Technical Report that is not reflected in the Technical Report, the omission to disclose which makes the Technical Report misleading.
  10. I am independent of the issuer applying all of the tests in section 1.5 of National Instrument 43-101.
  11. I have read National Instrument 43-101 and Form 43-101F1, and believe that this Technical Report has been prepared in compliance with that instrument and form.
  12. I consent to the filing of the Technical Report with any stock exchange and other regulatory authority and any publication by them, including electronic publication in the public company files on their websites accessible by the public, of the Technical Report.

Dated this 25<sup>th</sup> Day of March, 2008

*[Original signed and sealed by]*

Chrystal Kennedy, B. Sc. (Geol.), P. Geo.  
Senior Project Geologist  
Mercator Geological Services Limited

## MERCATOR GEOLOGICAL SERVICES LIMITED

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65 Queen St., Dartmouth, NS B2Y 1G4

Ph. (902) 463-1440; Fax (902) 463-1419; e-mail info@mercatorgeo.com

### CERTIFICATE of AUTHOR

I, Matthew Harrington, B.Sc. (Geol.), do hereby certify that:

1. I currently reside in Halifax, Nova Scotia Canada and am employed as a Geologist by:

Mercator Geological Services Limited  
65 Queen St  
Dartmouth, Nova Scotia, Canada  
B2Y 1GA

2. I graduated with a Bachelor of Science (Geol.) degree from Dalhousie University in Halifax, Nova Scotia, Canada in 2003.
3. I have worked as a geologist in Canada for 4 years since graduation from university and have been employed by Mercator geological Services since 2003.
4. I participated in preparation of the Getty deposit mineral resource estimate and three dimension block model described in the technical report named below. My participation was supervised by Mr. Michael P. Cullen, P. Geo. and Ms. Chrystal Kennedy, P. Geo.

TECHNICAL REPORT ON  
MINERAL RESOURCE ESTIMATE  
GETTY ZINC - LEAD DEPOSIT  
*GAYS RIVER AREA*  
*HALIFAX COUNTY, NOVA SCOTIA*  
*CANADA*  
NTS 11E03B

Effective Date: December 12, 2007

5. I have not visited the property that is the subject of this Technical Report.
6. I specifically contributed to report sections 16, 18 and 19.
7. I have no prior involvement with the property that is the subject of the Technical Report.
8. I am independent of the issuer applying all of the tests in section 1.5 of National Instrument 43-101.



9. I consent to the filing of the Technical Report with any stock exchange and other regulatory authority and any publication by them, including electronic publication in the public company files on their websites accessible by the public, of the Technical Report.

Dated this 25<sup>th</sup> Day of March, 2008

*[Original signed by]*

Matthew Harrington, B. Sc. (Geol.)  
Geologist  
Mercator Geological Services Limited

## **Appendix 2: Drilling Related Documents**

**Drill Hole Collar Coordinate and Survey Listing**  
**Listing of 1 Meter Assay Composites Within Resource Solid**  
**Listing Of Nearest Neighbour Drill Hole Intercepts**  
**Acadian Lithocode Descriptions**  
**LME Metal Pricing Summary**  
**Laboratory Procedure Summaries**

**ACADIAN MINING CORP.****Table A-1: Getty Resource Estimate - December 2007****Listing of Getty Project Drill Holes With Coordinates and Survey Data**

<b>Hole Id</b>	<b>Local Grid Easting (m)</b>	<b>Local Grid Northing (m)</b>	<b>Local Grid Elevation (m)</b>	<b>Depth (m)</b>	<b>Dip</b>	<b>Azimuth</b>	<b>Included in December 2007 Resource Outline</b>	<b>Drilled By</b>
GGR012	7617.83	6616.13	519.66	101.04	-90	0	NO	Getty Mines
GGR013	7374.23	6621.59	513.62	169.50	-90	0	NO	Getty Mines
GGR014	7497.14	6613.84	514.26	144.80	-90	0	NO	Getty Mines
GGR015	7121.37	6641.60	523.93	112.80	-90	0	NO	Getty Mines
GGR017	7732.86	6672.02	535.00	144.50	-90	0	NO	Getty Mines
GGR018	6983.94	6653.60	535.38	67.40	-90	0	NO	Getty Mines
GGR019	6877.31	6658.86	542.96	66.80	-90	0	YES	Getty Mines
GGR020	6630.77	6628.38	561.67	62.80	-90	0	NO	Getty Mines
GGR021	6756.30	6628.57	549.68	57.30	-90	0	YES	Getty Mines
GGR022	6931.49	6641.35	539.06	71.02	-90	0	YES	Getty Mines
GGR023	7063.97	6652.07	527.74	85.04	-90	0	NO	Getty Mines
GGR024	7014.19	6765.62	526.58	78.94	-90	0	YES	Getty Mines
GGR025	6872.51	6764.38	543.16	139.60	-90	0	NO	Getty Mines
GGR025A	6874.55	6768.11	543.13	139.60	-90	0	YES	Getty Mines
GGR026	6760.72	6759.28	547.53	93.30	-90	0	YES	Getty Mines
GGR027	6636.42	6755.27	554.53	56.40	-90	0	YES	Getty Mines
GGR028	6516.48	6760.60	554.96	56.10	-90	0	NO	Getty Mines
GGR029	6397.32	6757.72	553.31	39.01	-90	0	NO	Getty Mines
GGR030	6252.36	6777.16	537.09	21.80	-90	0	NO	Getty Mines
GGR031	5985.54	6755.89	525.36	96.01	-90	0	NO	Getty Mines
GGR032	7116.82	6775.98	513.72	98.80	-90	0	YES	Getty Mines
GGR033	6882.52	7005.26	537.00	164.00	-90	0	NO	Getty Mines
GGR033A	6852.04	7004.99	540.00	170.08	-90	0	NO	Getty Mines
GGR034	6760.61	7004.18	543.37	164.59	-90	0	NO	Getty Mines
GGR035	6639.07	7006.17	545.10	94.20	-90	0	NO	Getty Mines
GGR035A	6602.04	7005.14	545.95	98.15	-90	0	YES	Getty Mines
GGR036	6633.62	6884.17	550.51	91.44	-90	0	YES	Getty Mines
GGR037	6510.67	6997.37	553.07	75.60	-90	0	YES	Getty Mines
GGR038	6508.73	6889.20	557.08	97.54	-90	0	YES	Getty Mines
GGR039	6382.04	6996.25	550.32	118.90	-90	0	NO	Getty Mines
GGR039A	6432.71	6986.68	552.83	106.70	-90	0	YES	Getty Mines
GGR040	6761.69	6882.26	545.84	85.34	-90	0	YES	Getty Mines
GGR041	6899.25	6871.29	542.00	73.20	-90	0	NO	Getty Mines

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<b>Hole Id</b>	<b>Local Grid Easting (m)</b>	<b>Local Grid Northing (m)</b>	<b>Local Grid Elevation (m)</b>	<b>Depth (m)</b>	<b>Dip</b>	<b>Azimuth</b>	<b>Included in December 2007 Resource Outline</b>	<b>Drilled By</b>
GGR041A	6909.55	6879.00	540.97	73.15	-90	0	NO	Getty Mines
GGR042	6266.96	6987.61	538.50	105.20	-90	0	NO	Getty Mines
GGR043	6514.17	7123.92	548.00	101.35	-90	0	NO	Getty Mines
GGR044	6383.33	7131.90	547.00	115.80	-90	0	NO	Getty Mines
GGR044A	6381.49	7133.41	549.50	103.63	-90	0	NO	Getty Mines
GGR044B	6364.81	7123.51	552.00	115.82	-90	0	NO	Getty Mines
GGR045	6300.51	7122.33	539.00	149.40	-90	0	NO	Getty Mines
GGR046	6393.02	6898.50	550.11	87.50	-90	0	NO	Getty Mines
GGR066	7423.52	7697.41	550.00	289.00	-90	0	NO	Getty Mines
GGR067	7259.03	7513.06	550.00	151.80	-90	0	NO	Getty Mines
GGR068	7621.99	6731.08	522.00	169.20	-90	0	NO	Getty Mines
GGR069	4505.94	7103.97	550.00	125.00	-90	0	NO	Getty Mines
GGR070	7470.33	6887.33	520.00	143.60	-90	0	NO	Getty Mines
GGR071	6454.22	7215.44	542.50	152.10	-90	0	NO	Getty Mines
GGR072	7467.61	6884.87	522.00	135.33	-90	0	NO	Getty Mines
GGR073	4976.98	6988.36	550.00	342.60	-90	0	NO	Getty Mines
GGR074	7386.33	7250.53	545.00	154.84	-90	0	NO	Getty Mines
GGR075	6321.39	7311.50	545.00	128.02	-90	0	NO	Getty Mines
GGR076	6215.32	7241.67	532.00	176.50	-90	0	NO	Getty Mines
GGR077	7339.51	7615.58	550.00	212.80	-90	0	NO	Getty Mines
GGR078	6159.59	6995.19	534.00	100.00	-90	0	NO	Getty Mines
GGR079	6270.65	6877.94	535.97	57.91	-90	0	YES	Getty Mines
GGR080	5771.97	6744.24	520.00	139.90	-90	0	NO	Getty Mines
GGR081	6179.99	6868.08	539.73	60.96	-90	0	YES	Getty Mines
GGR082	6030.22	6872.73	531.00	64.01	-90	0	NO	Getty Mines
GGR083	5515.72	6869.69	519.00	94.50	-90	0	NO	Getty Mines
GGR084	5516.76	6752.95	519.00	212.80	-90	0	NO	Getty Mines
GGR086	5802.28	6865.83	525.00	140.21	-90	0	NO	Getty Mines
GGR087	6186.70	6757.68	532.00	33.53	-90	0	NO	Getty Mines
GGR088	5907.53	6993.26	528.00	103.02	-90	0	NO	Getty Mines
GGR089	5882.51	6756.20	520.00	113.70	-90	0	NO	Getty Mines
GGR090	6867.27	6903.62	540.00	145.70	-90	0	NO	Getty Mines
GGR091	5903.42	7009.68	519.00	138.84	-90	0	NO	Getty Mines

**ACADIAN MINING CORP.**

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Hole Id	Local Grid Easting (m)	Local Grid Northing (m)	Local Grid Elevation (m)	Depth (m)	Dip	Azimuth	Included in December 2007 Resource Outline	Drilled By
GGR092	6530.99	6636.98	565.00	79.20	-90	0	NO	Getty Mines
GGR093	6337.78	6631.60	548.00	50.30	-90	0	YES	Getty Mines
GGR094	6259.53	6621.77	539.00	44.81	-90	0	YES	Getty Mines
GGR095	6150.25	7120.69	532.00	136.60	-90	0	NO	Getty Mines
GGR096	6148.19	6631.45	531.00	93.00	-90	0	YES	Getty Mines
GGR097	6023.20	6633.69	526.00	146.30	-90	0	NO	Getty Mines
GGR098	6027.76	7149.78	531.00	133.50	-90	0	NO	Getty Mines
GGR099	5904.37	6627.76	523.00	210.31	-90	0	NO	Getty Mines
GGR101	6022.32	6526.09	528.00	149.40	-90	0	NO	Getty Mines
GGR102	6145.95	6540.59	531.00	105.20	-90	0	YES	Getty Mines
GGR103	6267.52	6512.10	542.00	86.90	-90	0	YES	Getty Mines
GGR104	7248.46	6642.73	522.00	131.10	-90	0	NO	Getty Mines
GGR105	7241.90	6764.60	522.00	125.00	-90	0	NO	Getty Mines
GGR109	7373.99	6752.36	517.00	146.30	-90	0	NO	Getty Mines
GGR110	6572.52	7246.36	540.00	122.53	-90	0	NO	Getty Mines
GGR111	6219.00	6937.00	535.14	96.93	-90	0	NO	Getty Mines
GGR112	6456.54	6940.85	552.00	100.60	-90	0	NO	Getty Mines
GGR113	6349.37	6951.91	547.67	80.80	-90	0	NO	Getty Mines
GGR113A	6314.64	6952.33	543.03	88.10	-90	0	YES	Getty Mines
GGR114	6209.94	7058.12	533.00	157.90	-90	0	NO	Getty Mines
GGR115	6333.37	7059.83	541.00	131.70	-90	0	NO	Getty Mines
GGR116	6455.35	7062.64	544.35	92.70	-90	0	YES	Getty Mines
GGR117	6577.28	7063.57	545.03	90.22	-90	0	NO	Getty Mines
GGR118	6578.24	6941.57	553.45	94.50	-90	0	NO	Getty Mines
GGR119	6700.49	6943.29	548.00	118.90	-90	0	NO	Getty Mines
GGR121	6696.06	7064.87	544.00	129.54	-90	0	NO	Getty Mines
GGR122	6823.62	6944.38	545.50	128.02	-90	0	NO	Getty Mines
GGR123	6945.04	6822.98	539.79	137.80	-90	0	NO	Getty Mines
GGR124	6833.02	6816.70	547.51	129.54	-90	0	YES	Getty Mines
GGR125	6937.67	6695.79	540.02	69.50	-90	0	YES	Getty Mines
GGR126	6694.59	6818.27	548.15	73.20	-90	0	YES	Getty Mines
GGR129	6815.65	6701.67	548.50	103.02	-90	0	YES	Getty Mines
GGR130	6576.21	6825.64	557.60	70.10	-90	0	YES	Getty Mines

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GGR131	6457.44	6818.60	553.00	64.01	-90	0	NO	Getty Mines
GGR132	6335.52	6817.52	540.00	42.70	-90	0	NO	Getty Mines
GGR133	6696.64	6693.62	552.13	78.33	-90	0	YES	Getty Mines
GGR134	6574.48	6701.11	559.04	45.11	-90	0	NO	Getty Mines
GGR135	6216.08	6811.66	537.60	48.80	-90	0	YES	Getty Mines
GGR136	6091.68	6813.84	530.62	45.50	-90	0	YES	Getty Mines
GGR137	6455.47	6696.96	552.00	42.10	-90	0	NO	Getty Mines
GGR138	5969.78	6814.28	523.00	90.22	-90	0	NO	Getty Mines
GGR139	6335.06	6697.72	541.00	28.04	-90	0	NO	Getty Mines
GGR140	7065.07	6699.63	535.00	70.10	-90	0	NO	Getty Mines
GGR141	6211.64	6694.50	524.00	23.80	-90	0	NO	Getty Mines
GGR142	6089.10	6696.63	531.00	75.30	-90	0	NO	Getty Mines
GGR143	7423.62	6827.17	520.00	143.30	-90	0	NO	Getty Mines
GGR144	7352.98	6887.51	519.00	146.30	-90	0	NO	Getty Mines
GGR145	5967.81	6692.33	525.00	140.21	-90	0	NO	Getty Mines
GGR146	6097.88	6939.98	533.00	63.40	-90	0	NO	Getty Mines
GGR147	5968.70	6936.19	527.00	100.00	-90	0	NO	Getty Mines
GGR149	7660.88	6676.87	529.00	140.21	-90	0	NO	Getty Mines
GGR150	7556.06	6672.89	525.00	151.18	-90	0	NO	Getty Mines
GGR151	7434.11	6674.86	519.00	149.40	-90	0	NO	Getty Mines
GGR152	7313.45	6704.27	520.00	130.50	-90	0	NO	Getty Mines
GGR153	7682.07	6555.44	526.00	103.33	-90	0	NO	Getty Mines
GGR154	7682.07	6555.44	526.00	76.20	-90	0	NO	Getty Mines
GGR155	7730.30	6615.91	537.00	118.90	-90	0	NO	Getty Mines
GGR156	7069.18	6580.18	527.00	84.73	-90	0	NO	Getty Mines
GGR157	6942.75	6576.04	538.07	56.70	-90	0	YES	Getty Mines
GGR158	6816.85	6575.43	546.07	45.11	-90	0	YES	Getty Mines
GGR159	6703.38	6576.94	556.78	40.84	-90	0	NO	Getty Mines
GGR160	7438.26	6551.44	519.00	143.30	-90	0	NO	Getty Mines
GGR161	6072.52	6571.03	527.00	106.10	-90	0	NO	Getty Mines
GGR162	6072.00	6624.00	527.00	111.30	-90	0	NO	Getty Mines
GGR163	6163.00	6572.00	530.00	83.10	-90	0	NO	Getty Mines
GGR164	6123.56	6693.72	530.00	35.81	-90	0	NO	Getty Mines

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GGR165	6156.06	6783.26	532.56	31.40	-90	0	NO	Getty Mines
GGR166	6152.40	6820.75	536.88	39.93	-90	0	YES	Getty Mines
GGR167	6152.32	6850.95	539.70	43.90	-90	0	YES	Getty Mines
GGR168	6154.95	6905.77	536.57	58.52	-90	0	NO	Getty Mines
GGR169	6221.54	6575.10	536.00	71.32	-90	0	YES	Getty Mines
GGR170	6190.61	6626.03	535.00	60.40	-90	0	YES	Getty Mines
GGR171	6275.49	6815.46	538.00	39.93	-90	0	NO	Getty Mines
GGR172	6274.69	6845.40	537.44	55.80	-90	0	YES	Getty Mines
GGR173	6275.35	6906.94	537.02	69.80	-90	0	YES	Getty Mines
GGR174	6396.93	6870.49	545.00	84.73	-90	0	NO	Getty Mines
GGR176	6481.52	6883.13	555.85	102.60	-90	0	YES	Getty Mines
GGR177	6483.93	6912.73	556.44	90.83	-90	0	YES	Getty Mines
GGR178	6483.19	6942.88	555.89	78.33	-90	0	YES	Getty Mines
GGR179	6482.30	6971.60	554.91	86.30	-90	0	YES	Getty Mines
GGR180	6480.15	7005.28	552.81	72.54	-90	0	NO	Getty Mines
GGR181	6482.35	7031.82	550.13	77.82	-90	0	YES	Getty Mines
GGR182	6483.12	6847.47	554.18	80.99	-90	0	YES	Getty Mines
GGR183	6537.83	6896.69	557.70	80.50	-90	0	YES	Getty Mines
GGR184	6555.95	6919.19	556.60	80.50	-90	0	NO	Getty Mines
GGR190	6614.28	6731.29	555.01	48.20	-90	0	NO	Getty Mines
GGR191	6656.29	6776.18	553.42	63.40	-90	0	YES	Getty Mines
GGR192	6678.02	6796.82	550.77	72.24	-90	0	YES	Getty Mines
GGR193	6719.08	6841.98	548.09	78.64	-90	0	YES	Getty Mines
GGR205	6706.16	6610.49	554.92	46.94	-90	0	NO	Getty Mines
GGR206	6779.26	6654.11	548.47	70.71	-90	0	YES	Getty Mines
GGR208	6846.62	6719.39	545.11	109.73	-90	0	YES	Getty Mines
GGR209	6868.71	6740.56	544.05	122.22	-90	0	YES	Getty Mines
GGR210	6882.05	6782.73	543.07	124.40	-90	0	NO	Getty Mines
GGR211	7031.21	6634.64	533.26	61.30	-90	0	YES	Getty Mines
GGR212	6898.35	6651.37	541.45	100.60	-90	0	NO	Getty Mines
GGR213	6921.08	6674.85	540.35	61.00	-90	0	YES	Getty Mines
GGR214	6972.24	6727.87	536.30	74.70	-90	0	YES	Getty Mines
GGR215	6998.48	6750.40	537.70	72.24	-90	0	YES	Getty Mines

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GGR216	7040.53	6787.83	517.25	65.23	-90	0	YES	Getty Mines
GGR217	6395.36	6946.57	551.48	127.41	-90	0	YES	Getty Mines
GGR219	6844.98	6598.95	545.17	55.50	-90	0	YES	Getty Mines
GGR220	6341.10	6567.32	552.00	77.11	-90	0	YES	Getty Mines
GGR221	6262.40	6573.02	540.00	72.54	-90	0	YES	Getty Mines
GGR222	6096.97	6850.50	537.10	42.10	-90	0	YES	Getty Mines
GGR223	6091.52	6784.73	531.34	44.50	-90	0	NO	Getty Mines
GGR224	6737.45	6863.75	546.37	80.80	-90	0	NO	Getty Mines
GGR225	6461.57	6627.83	547.00	53.95	-90	0	NO	Getty Mines
GGR226	6461.74	6574.48	562.00	70.41	-90	0	NO	Getty Mines
GGR227	6403.58	6572.10	562.00	76.20	-90	0	NO	Getty Mines
GGR228	6404.57	6627.62	557.00	52.43	-90	0	NO	Getty Mines
GGR229	6276.38	6784.08	538.00	30.80	-90	0	NO	Getty Mines
GGR230	6157.91	6600.75	530.00	53.04	-90	0	YES	Getty Mines
GGR231	6158.85	6563.26	530.00	72.54	-90	0	YES	Getty Mines
S277	6997.39	6500.29	530.42	108.81	-90	0	NO	Imperial Oil
S526	6941.67	6520.86	535.42	68.58	-90	0	YES	Imperial Oil
S527	6881.68	6517.20	541.85	52.73	-90	0	YES	Imperial Oil
S528	6818.68	6517.20	545.96	35.66	-90	0	NO	Imperial Oil
<b>Twin Holes By Acadian</b>								
S1021-07	6731.32	6614.94	555.01	41.00	-90	0	NO	Acadian
S1025-07	6651.11	6897.88	541.49	62.00	-90	0	NO	Acadian
S1043-07	6773.05	6958.01	536.65	68.00	-90	0	NO	Acadian
S1059-08	6512.286	6997.462	553.103	71.00	-90	0	NO	Acadian



**ACADIAN MINING CORP.****Table A-2: Getty Resource Estimate - December 2007****Listing of 1 Meter Assay Composites**

Hole ID	From (m)	To (m)	Length (m)	Pb %	Zn %	Pb % + Zn %
GGR018	56.65	57.65	1	0.28	3.53	3.81
GGR018	57.65	58.65	1	0.18	4.21	4.39
GGR018	58.65	59.65	1	2.45	7.63	10.08
GGR019	25	26	1	0.01	0.69	0.70
GGR019	26	27	1	0.02	0.76	0.78
GGR019	27	28	1	0.03	0.84	0.87
GGR019	28	29	1	0.01	0.55	0.56
GGR019	29	30	1	0.01	0.50	0.51
GGR019	30	31	1	0.02	0.46	0.48
GGR019	31	32	1	0.04	0.16	0.20
GGR019	32	33	1	0.03	0.13	0.16
GGR019	33	34	1	0.01	0.13	0.14
GGR019	34	35	1	0.01	0.14	0.15
GGR019	35	36	1	0.02	0.12	0.14
GGR019	36	37	1	0.05	0.08	0.13
GGR019	37	38	1	0.03	0.37	0.39
GGR019	38	39	1	0.02	0.52	0.54
GGR019	39	40	1	0.03	0.72	0.75
GGR019	40	41	1	0.01	1.01	1.02
GGR019	41	42	1	0.01	0.97	0.98
GGR019	42	43	1	0.01	0.52	0.53
GGR019	43	44	1	0.19	0.44	0.64
GGR019	44	45	1	0.24	0.41	0.64
GGR019	45	46	1	0.09	0.39	0.48
GGR019	46	47	1	0.24	0.48	0.71
GGR019	47	48	1	0.30	0.64	0.93
GGR019	48	49	1	0.21	1.41	1.62
GGR019	49	50	1	0.11	1.93	2.04
GGR019	50	51	1	0.08	2.42	2.50
GGR019	51	52	1	0.43	3.94	4.37
GGR019	52	53	1	0.69	4.99	5.68
GGR019	53	54	1	0.98	5.84	6.82
GGR019	54	55	1	3.06	6.37	9.43
GGR019	55	56	1	1.70	4.87	6.57
GGR019	56	57	1	0.40	3.42	3.82
GGR019	57	58	1	0.09	1.03	1.13
GGR019	58	59	1	0.09	1.01	1.10
GGR021	27.44	28.44	1	0.01	0.76	0.77
GGR021	28.44	29.44	1	0.01	1.04	1.05
GGR021	29.44	30.44	1	0.01	1.35	1.36
GGR021	30.44	31.44	1	0.01	1.33	1.34
GGR021	31.44	32.44	1	0.01	1.54	1.55
GGR021	32.44	33.44	1	0.01	1.81	1.82
GGR021	33.44	34.44	1	0.04	0.83	0.87
GGR021	34.44	35.44	1	0.07	0.83	0.90
GGR021	35.44	36.44	1	0.13	1.01	1.14
GGR021	36.44	37.44	1	0.21	1.46	1.67
GGR021	37.44	38.44	1	0.15	1.76	1.92
GGR021	38.44	39.44	1	0.02	2.22	2.24
GGR021	39.44	40.44	1	0.30	1.50	1.80

**ACADIAN MINING CORP.****Table A-2: Getty Resource Estimate - December 2007****Listing of 1 Meter Assay Composites**

Hole ID	From (m)	To (m)	Length (m)	Pb %	Zn %	Pb % + Zn %
GGR021	40.44	41.44	1	0.32	1.03	1.36
GGR021	41.44	42.44	1	0.20	0.27	0.47
GGR021	42.44	43.44	1	0.26	0.38	0.64
GGR021	43.44	44.44	1	0.47	0.51	0.97
GGR021	44.44	45.44	1	0.91	0.67	1.59
GGR021	45.44	46.44	1	0.06	0.06	0.12
GGR021	46.44	47.44	1	0.03	0.02	0.05
GGR021	47.44	48.44	1	1.32	1.22	2.55
GGR021	48.44	49.44	1	1.14	1.51	2.65
GGR021	49.44	50.44	1	0.46	1.74	2.20
GGR022	43.29	44.29	1	0.08	0.57	0.65
GGR022	44.29	45.29	1	0.13	0.69	0.81
GGR022	45.29	46.29	1	0.18	0.82	1.00
GGR022	46.29	47.29	1	1.02	1.77	2.79
GGR022	47.29	48.29	1	0.74	1.62	2.36
GGR022	48.29	49.29	1	0.29	1.35	1.64
GGR022	49.29	50.29	1	0.42	1.94	2.36
GGR022	50.29	51.29	1	0.44	2.04	2.49
GGR022	51.29	52.29	1	0.46	2.10	2.56
GGR022	52.29	53.29	1	0.30	1.44	1.74
GGR022	53.29	54.29	1	0.21	1.28	1.49
GGR022	54.29	55.29	1	0.10	1.19	1.29
GGR022	55.29	56.29	1	0.04	0.72	0.75
GGR022	56.29	57.29	1	0.02	0.89	0.91
GGR022	57.29	58.29	1	0.01	1.64	1.65
GGR022	58.29	59.29	1	0.01	0.81	0.82
GGR022	59.29	60.29	1	0.01	0.53	0.54
GGR022	60.29	61.29	1	0.01	0.54	0.55
GGR024	70.12	71.12	1	6.41	3.76	10.17
GGR024	71.12	72.12	1	4.41	2.58	7.00
GGR025A	121.21	122.21	1	1.68	0.01	1.69
GGR025A	122.21	123.21	1	4.68	0.11	4.78
GGR025A	123.21	124.21	1	6.49	0.29	6.78
GGR025A	124.21	125.21	1	6.51	0.13	6.64
GGR025A	125.21	126.21	1	6.48	0.14	6.62
GGR025A	126.21	127.21	1	8.18	0.15	8.33
GGR025A	127.21	128.21	1	10.98	0.01	10.99
GGR025A	128.21	129.21	1	4.64	0.01	4.65
GGR025A	129.21	130.21	1	1.52	0.01	1.53
GGR026	71.34	72.34	1	3.16	1.55	4.71
GGR026	72.34	73.34	1	2.28	1.20	3.48
GGR026	73.34	74.34	1	4.79	3.02	7.81
GGR026	74.34	75.34	1	3.38	3.74	7.12
GGR026	75.34	76.34	1	2.16	2.84	5.00
GGR026	76.34	77.34	1	0.33	1.67	2.00
GGR026	77.34	78.34	1	0.09	0.58	0.67
GGR026	78.34	79.34	1	0.10	1.10	1.20
GGR026	79.34	80.34	1	0.17	2.14	2.31
GGR026	80.34	81.34	1	0.17	1.75	1.92
GGR026	81.34	82.34	1	0.17	0.52	0.69

**ACADIAN MINING CORP.****Table A-2: Getty Resource Estimate - December 2007****Listing of 1 Meter Assay Composites**

Hole ID	From (m)	To (m)	Length (m)	Pb %	Zn %	Pb % + Zn %
GGR027	31.1	32.1	1	0.01	0.57	0.58
GGR027	32.1	33.1	1	0.03	0.52	0.56
GGR027	33.1	34.1	1	0.06	0.47	0.53
GGR027	34.1	35.1	1	0.31	0.86	1.17
GGR027	35.1	36.1	1	0.27	0.72	0.99
GGR027	36.1	37.1	1	0.20	0.51	0.71
GGR027	37.1	38.1	1	0.61	0.83	1.45
GGR027	38.1	39.1	1	0.61	0.89	1.51
GGR027	39.1	40.1	1	0.39	0.82	1.21
GGR027	40.1	41.1	1	0.23	0.77	1.00
GGR027	41.1	42.1	1	3.71	1.82	5.53
GGR027	42.1	43.1	1	4.19	1.56	5.75
GGR027	43.1	44.1	1	1.48	0.80	2.28
GGR027	44.1	45.1	1	0.67	0.77	1.44
GGR027	45.1	46.1	1	0.25	0.49	0.75
GGR027	46.1	47.1	1	0.05	0.31	0.35
GGR027	47.1	48.1	1	0.13	0.08	0.21
GGR032	91.8	92.8	1	0.26	0.60	0.87
GGR032	92.8	93.8	1	0.95	0.10	1.05
GGR032	93.8	94.8	1	2.38	0.02	2.40
GGR035A	87.5	88.5	1	0.21	1.54	1.75
GGR035A	88.5	89.5	1	0.12	1.42	1.53
GGR035A	89.5	90.5	1	0.02	0.70	0.72
GGR036	39.94	40.94	1	1.27	0.65	1.92
GGR036	40.94	41.94	1	0.54	0.25	0.80
GGR036	41.94	42.94	1	1.26	0.53	1.79
GGR036	42.94	43.94	1	2.61	1.04	3.65
GGR036	43.94	44.94	1	0.63	0.75	1.38
GGR036	44.94	45.94	1	0.51	0.49	0.99
GGR036	45.94	46.94	1	0.41	0.27	0.67
GGR036	46.94	47.94	1	0.71	0.59	1.30
GGR036	47.94	48.94	1	0.53	0.44	0.97
GGR036	48.94	49.94	1	0.32	0.27	0.59
GGR037	39.94	40.94	1	0.73	2.35	3.08
GGR037	40.94	41.94	1	2.15	2.41	4.56
GGR037	41.94	42.94	1	7.28	2.00	9.27
GGR037	42.94	43.94	1	3.83	1.37	5.20
GGR037	43.94	44.94	1	2.64	3.21	5.85
GGR037	44.94	45.94	1	2.39	2.72	5.11
GGR037	45.94	46.94	1	1.83	2.32	4.15
GGR037	46.94	47.94	1	4.89	2.84	7.73
GGR037	47.94	48.94	1	1.43	1.58	3.01
GGR037	48.94	49.94	1	0.71	0.87	1.58
GGR037	49.94	50.94	1	0.53	0.70	1.22
GGR037	50.94	51.94	1	0.48	0.66	1.14
GGR037	51.94	52.94	1	0.39	1.05	1.44
GGR037	52.94	53.94	1	2.38	1.35	3.74
GGR037	53.94	54.94	1	3.61	1.45	5.07
GGR037	54.94	55.94	1	0.82	0.88	1.70
GGR037	55.94	56.94	1	1.08	1.06	2.14

**ACADIAN MINING CORP.****Table A-2: Getty Resource Estimate - December 2007****Listing of 1 Meter Assay Composites**

Hole ID	From (m)	To (m)	Length (m)	Pb %	Zn %	Pb % + Zn %
GGR037	56.94	57.94	1	0.98	1.03	2.01
GGR037	57.94	58.94	1	0.37	0.75	1.12
GGR037	58.94	59.94	1	0.41	0.58	0.98
GGR037	59.94	60.94	1	0.42	0.50	0.92
GGR038	46.65	47.65	1	0.03	0.66	0.69
GGR038	47.65	48.65	1	0.03	0.66	0.69
GGR038	48.65	49.65	1	0.05	0.67	0.72
GGR038	49.65	50.65	1	0.29	0.74	1.03
GGR038	50.65	51.65	1	0.08	0.71	0.78
GGR038	51.65	52.65	1	0.06	0.64	0.70
GGR038	52.65	53.65	1	0.09	0.53	0.62
GGR038	53.65	54.65	1	0.22	0.38	0.60
GGR038	54.65	55.65	1	0.07	0.15	0.22
GGR038	55.65	56.65	1	0.12	0.59	0.70
GGR038	56.65	57.65	1	0.40	2.07	2.47
GGR038	57.65	58.65	1	0.21	1.34	1.55
GGR038	58.65	59.65	1	0.12	0.86	0.98
GGR038	59.65	60.65	1	0.04	0.08	0.12
GGR038	60.65	61.65	1	0.20	0.84	1.04
GGR038	61.65	62.65	1	0.25	1.18	1.43
GGR038	62.65	63.65	1	0.21	1.14	1.35
GGR038	63.65	64.65	1	0.07	0.32	0.39
GGR038	64.65	65.65	1	0.19	1.10	1.29
GGR038	65.65	66.65	1	1.44	2.73	4.17
GGR038	66.65	67.65	1	4.62	4.00	8.62
GGR038	67.65	68.65	1	1.79	1.91	3.70
GGR038	68.65	69.65	1	0.28	0.69	0.97
GGR038	69.65	70.65	1	0.10	0.23	0.33
GGR038	70.65	71.65	1	0.11	0.25	0.36
GGR038	71.65	72.65	1	0.12	0.34	0.46
GGR038	72.65	73.65	1	0.15	0.72	0.87
GGR038	73.65	74.65	1	0.06	0.39	0.45
GGR038	74.65	75.65	1	0.03	0.35	0.38
GGR038	75.65	76.65	1	0.03	0.51	0.54
GGR038	76.65	77.65	1	0.03	0.81	0.84
GGR038	77.65	78.65	1	0.02	0.83	0.85
GGR038	78.65	79.65	1	0.01	0.71	0.72
GGR038	79.65	80.65	1	0.01	0.61	0.62
GGR038	80.65	81.65	1	0.01	0.60	0.61
GGR038	81.65	82.65	1	0.01	0.01	0.02
GGR038	82.65	83.65	1	0.27	0.39	0.66
GGR039A	58.54	59.54	1	5.82	2.28	8.10
GGR039A	59.54	60.54	1	4.21	1.99	6.20
GGR039A	60.54	61.54	1	1.72	1.42	3.14
GGR039A	61.54	62.54	1	1.36	1.43	2.79
GGR039A	62.54	63.54	1	0.76	1.06	1.82
GGR039A	63.54	64.54	1	1.25	0.63	1.88
GGR039A	64.54	65.54	1	1.74	1.99	3.72
GGR039A	65.54	66.54	1	1.99	2.69	4.68
GGR039A	66.54	67.54	1	1.21	0.41	1.62

**ACADIAN MINING CORP.****Table A-2: Getty Resource Estimate - December 2007****Listing of 1 Meter Assay Composites**

Hole ID	From (m)	To (m)	Length (m)	Pb %	Zn %	Pb % + Zn %
GGR039A	67.54	68.54	1	0.91	0.89	1.80
GGR039A	68.54	69.54	1	0.66	1.28	1.94
GGR039A	69.54	70.54	1	0.44	1.17	1.61
GGR039A	70.54	71.54	1	0.39	1.29	1.68
GGR039A	71.54	72.54	1	0.34	1.41	1.75
GGR039A	72.54	73.54	1	0.73	0.39	1.12
GGR039A	73.54	74.54	1	0.57	0.62	1.19
GGR039A	74.54	75.54	1	1.27	0.40	1.67
GGR039A	75.54	76.54	1	0.36	0.21	0.57
GGR039A	76.54	77.54	1	0.79	0.41	1.20
GGR039A	77.54	78.54	1	2.03	1.19	3.22
GGR039A	78.54	79.54	1	2.15	0.51	2.67
GGR039A	79.54	80.54	1	1.70	0.31	2.01
GGR039A	80.54	81.54	1	0.87	0.12	0.99
GGR039A	81.54	82.54	1	0.40	0.10	0.50
GGR039A	82.54	83.54	1	0.28	0.09	0.36
GGR039A	83.54	84.54	1	0.22	0.06	0.28
GGR039A	84.54	85.54	1	0.46	0.45	0.91
GGR039A	85.54	86.54	1	0.64	0.55	1.20
GGR039A	86.54	87.54	1	0.96	0.54	1.50
GGR039A	87.54	88.54	1	1.50	0.95	2.45
GGR039A	88.54	89.54	1	1.60	1.11	2.71
GGR039A	89.54	90.54	1	1.25	1.20	2.45
GGR039A	90.54	91.54	1	1.51	1.24	2.75
GGR039A	91.54	92.54	1	1.88	1.52	3.40
GGR039A	92.54	93.54	1	3.19	2.88	6.07
GGR039A	93.54	94.54	1	2.45	1.94	4.39
GGR039A	94.54	95.54	1	1.90	0.45	2.35
GGR039A	95.54	96.54	1	1.03	0.31	1.34
GGR039A	96.54	97.54	1	0.43	0.22	0.65
GGR039A	97.54	98.54	1	1.79	0.02	1.81
GGR040	71.55	72.55	1	0.99	0.50	1.49
GGR040	72.55	73.55	1	0.85	0.33	1.18
GGR040	73.55	74.55	1	1.18	0.53	1.71
GGR040	74.55	75.55	1	0.82	0.69	1.51
GGR040	75.55	76.55	1	0.08	0.75	0.83
GGR040	76.55	77.55	1	0.06	0.70	0.76
GGR040	77.55	78.55	1	0.32	0.56	0.88
GGR040	78.55	79.55	1	0.57	0.44	1.01
GGR079	27.37	28.37	1	1.19	0.04	1.23
GGR079	28.37	29.37	1	0.37	0.63	1.01
GGR079	29.37	30.37	1	0.20	0.44	0.64
GGR079	30.37	31.37	1	1.26	0.93	2.19
GGR079	31.37	32.37	1	2.09	1.51	3.60
GGR079	32.37	33.37	1	1.32	1.03	2.35
GGR081	28.32	29.32	1	2.42	0.07	2.49
GGR081	29.32	30.32	1	0.91	0.17	1.08
GGR081	30.32	31.32	1	1.76	0.42	2.18
GGR081	31.32	32.32	1	1.93	0.52	2.45
GGR081	32.32	33.32	1	2.21	0.90	3.11

**ACADIAN MINING CORP.****Table A-2: Getty Resource Estimate - December 2007****Listing of 1 Meter Assay Composites**

Hole ID	From (m)	To (m)	Length (m)	Pb %	Zn %	Pb % + Zn %
GGR081	33.32	34.32	1	1.25	0.62	1.87
GGR081	34.32	35.32	1	0.94	0.57	1.51
GGR081	35.32	36.32	1	0.77	0.66	1.43
GGR081	36.32	37.32	1	0.53	0.73	1.27
GGR081	37.32	38.32	1	0.37	0.62	0.99
GGR081	38.32	39.32	1	0.08	0.12	0.20
GGR081	39.32	40.32	1	0.29	0.18	0.47
GGR081	40.32	41.32	1	0.38	0.21	0.59
GGR093	35.39	36.39	1	0.10	0.50	0.60
GGR093	36.39	37.39	1	0.16	0.70	0.86
GGR093	37.39	38.39	1	0.18	0.74	0.92
GGR093	38.39	39.39	1	0.23	0.70	0.93
GGR093	39.39	40.39	1	0.21	0.73	0.94
GGR093	40.39	41.39	1	0.17	1.22	1.39
GGR093	41.39	42.39	1	0.46	3.90	4.36
GGR093	42.39	43.39	1	1.23	1.93	3.16
GGR094	26.82	27.82	1	0.03	0.83	0.86
GGR094	27.82	28.82	1	0.11	0.83	0.94
GGR094	28.82	29.82	1	0.20	0.83	1.03
GGR094	29.82	30.82	1	0.13	1.03	1.16
GGR094	30.82	31.82	1	0.09	0.87	0.96
GGR094	31.82	32.82	1	0.04	0.65	0.69
GGR094	32.82	33.82	1	0.01	0.68	0.69
GGR094	33.82	34.82	1	0.01	0.39	0.40
GGR094	34.82	35.82	1	0.13	2.09	2.21
GGR094	35.82	36.82	1	0.19	3.09	3.28
GGR094	36.82	37.82	1	0.08	1.18	1.26
GGR094	37.82	38.82	1	0.06	0.76	0.82
GGR096	18.11	19.11	1	0.53	2.32	2.85
GGR096	19.11	20.11	1	0.23	1.08	1.31
GGR096	20.11	21.11	1	0.21	1.06	1.26
GGR096	21.11	22.11	1	0.11	2.58	2.69
GGR096	22.11	23.11	1	0.02	0.48	0.50
GGR096	23.11	24.11	1	0.07	0.40	0.47
GGR096	24.11	25.11	1	0.09	0.36	0.45
GGR096	25.11	26.11	1	0.04	0.76	0.80
GGR096	26.11	27.11	1	0.07	0.73	0.80
GGR096	27.11	28.11	1	0.14	0.57	0.71
GGR096	28.11	29.11	1	0.14	0.75	0.89
GGR096	29.11	30.11	1	0.15	0.76	0.91
GGR096	30.11	31.11	1	0.55	1.05	1.60
GGR096	31.11	32.11	1	0.72	1.49	2.21
GGR096	32.11	33.11	1	1.45	1.55	2.99
GGR096	33.11	34.11	1	2.59	2.37	4.96
GGR096	34.11	35.11	1	2.16	2.46	4.62
GGR096	35.11	36.11	1	6.21	4.31	10.51
GGR096	36.11	37.11	1	6.72	4.55	11.26
GGR096	37.11	38.11	1	3.66	3.10	6.76
GGR096	38.11	39.11	1	4.14	1.31	5.45
GGR096	39.11	40.11	1	3.42	1.15	4.57

**ACADIAN MINING CORP.****Table A-2: Getty Resource Estimate - December 2007****Listing of 1 Meter Assay Composites**

Hole ID	From (m)	To (m)	Length (m)	Pb %	Zn %	Pb % + Zn %
GGR096	40.11	41.11	1	2.40	0.92	3.32
GGR096	41.11	42.11	1	0.27	0.28	0.55
GGR096	42.11	43.11	1	0.35	0.21	0.56
GGR096	43.11	44.11	1	0.50	0.15	0.65
GGR096	44.11	45.11	1	1.00	0.28	1.28
GGR096	45.11	46.11	1	1.05	0.29	1.34
GGR102	94.31	95.31	1	0.02	0.03	0.05
GGR102	95.31	96.31	1	0.02	0.03	0.05
GGR102	97.31	98.31	1	0.09	0.03	0.13
GGR102	98.31	99.31	1	3.28	3.96	7.24
GGR103	78.03	79.03	1	2.46	1.91	4.37
GGR103	79.03	80.03	1	0.60	0.73	1.33
GGR103	80.03	81.03	1	0.07	0.02	0.09
GGR103	81.03	82.03	1	0.02	0.34	0.36
GGR103	82.03	83.03	1	0.01	0.42	0.43
GGR113A	71.69	72.69	1	0.11	0.67	0.78
GGR113A	72.69	73.69	1	0.06	0.45	0.52
GGR113A	73.69	74.69	1	0.01	0.22	0.23
GGR113A	74.69	75.69	1	0.03	0.70	0.73
GGR113A	75.69	76.69	1	0.37	0.58	0.96
GGR113A	76.69	77.69	1	0.81	0.40	1.21
GGR113A	77.69	78.69	1	0.63	0.51	1.14
GGR113A	78.69	79.69	1	1.34	1.28	2.62
GGR113A	79.69	80.69	1	2.37	2.17	4.54
GGR113A	80.69	81.69	1	0.60	0.94	1.54
GGR116	65.53	66.53	1	1.43	0.52	1.95
GGR116	66.53	67.53	1	2.92	1.20	4.12
GGR116	67.53	68.53	1	3.49	1.98	5.47
GGR116	68.53	69.53	1	0.15	0.33	0.48
GGR116	69.53	70.53	1	0.20	0.33	0.53
GGR116	70.53	71.53	1	0.37	0.37	0.74
GGR116	71.53	72.53	1	0.13	0.48	0.61
GGR116	72.53	73.53	1	0.12	0.35	0.46
GGR116	73.53	74.53	1	0.14	0.11	0.25
GGR116	74.53	75.53	1	0.35	0.39	0.74
GGR116	75.53	76.53	1	0.56	0.69	1.25
GGR116	76.53	77.53	1	2.00	0.89	2.89
GGR116	77.53	78.53	1	1.52	0.63	2.15
GGR116	78.53	79.53	1	0.84	0.29	1.13
GGR116	79.53	80.53	1	0.15	0.17	0.33
GGR116	80.53	81.53	1	0.19	0.24	0.44
GGR124	122.71	123.71	1	3.94	0.01	3.95
GGR124	123.71	124.71	1	4.09	0.02	4.11
GGR124	124.71	125.71	1	0.55	0.01	0.56
GGR125	44.2	45.2	1	0.41	1.60	2.01
GGR125	45.2	46.2	1	0.27	1.44	1.71
GGR125	46.2	47.2	1	0.38	1.13	1.51
GGR125	47.2	48.2	1	0.37	0.47	0.83
GGR125	48.2	49.2	1	0.34	1.68	2.02
GGR125	49.2	50.2	1	0.33	3.37	3.70

**ACADIAN MINING CORP.****Table A-2: Getty Resource Estimate - December 2007****Listing of 1 Meter Assay Composites**

Hole ID	From (m)	To (m)	Length (m)	Pb %	Zn %	Pb % + Zn %
GGR125	50.2	51.2	1	0.47	2.67	3.14
GGR125	51.2	52.2	1	0.12	2.58	2.71
GGR125	52.2	53.2	1	0.70	2.99	3.69
GGR125	53.2	54.2	1	4.41	1.69	6.10
GGR125	54.2	55.2	1	1.13	1.75	2.88
GGR125	55.2	56.2	1	1.11	2.71	3.83
GGR125	56.2	57.2	1	0.32	0.57	0.89
GGR125	57.2	58.2	1	1.19	0.79	1.98
GGR125	58.2	59.2	1	0.83	1.08	1.92
GGR125	59.2	60.2	1	0.63	1.20	1.83
GGR125	60.2	61.2	1	1.78	1.24	3.02
GGR125	61.2	62.2	1	1.58	1.06	2.64
GGR125	62.2	63.2	1	1.15	0.93	2.09
GGR125	63.2	64.2	1	1.37	0.57	1.95
GGR126	44.1	45.1	1	0.43	1.75	2.19
GGR126	45.1	46.1	1	0.85	1.92	2.77
GGR126	46.1	47.1	1	0.05	0.72	0.77
GGR126	47.1	48.1	1	0.43	1.62	2.05
GGR126	48.1	49.1	1	0.20	0.96	1.16
GGR126	49.1	50.1	1	0.28	1.39	1.67
GGR126	50.1	51.1	1	0.10	1.54	1.65
GGR126	51.1	52.1	1	0.05	1.22	1.27
GGR126	52.1	53.1	1	0.02	0.30	0.32
GGR126	53.1	54.1	1	0.01	0.34	0.35
GGR126	54.1	55.1	1	0.02	0.48	0.50
GGR126	55.1	56.1	1	0.07	0.89	0.96
GGR126	56.1	57.1	1	0.11	0.69	0.80
GGR126	57.1	58.1	1	0.12	0.55	0.67
GGR126	58.1	59.1	1	0.07	0.28	0.35
GGR126	59.1	60.1	1	0.07	0.57	0.64
GGR126	60.1	61.1	1	0.07	0.72	0.79
GGR129	80.07	81.07	1	3.33	4.36	7.69
GGR129	81.07	82.07	1	4.10	3.97	8.08
GGR129	82.07	83.07	1	2.96	2.52	5.47
GGR129	83.07	84.07	1	0.78	1.77	2.55
GGR129	84.07	85.07	1	0.66	1.34	2.01
GGR129	85.07	86.07	1	0.07	0.57	0.64
GGR129	86.07	87.07	1	0.05	1.43	1.48
GGR129	87.07	88.07	1	0.05	1.43	1.48
GGR130	39.62	40.62	1	0.09	0.63	0.72
GGR130	40.62	41.62	1	0.15	0.52	0.67
GGR130	41.62	42.62	1	0.48	0.55	1.04
GGR130	42.62	43.62	1	1.79	1.42	3.22
GGR130	43.62	44.62	1	1.63	1.54	3.17
GGR130	44.62	45.62	1	1.23	1.54	2.78
GGR130	45.62	46.62	1	1.37	1.45	2.82
GGR130	46.62	47.62	1	1.29	1.42	2.71
GGR130	47.62	48.62	1	2.29	2.33	4.62
GGR130	48.62	49.62	1	5.31	4.28	9.59
GGR130	49.62	50.62	1	4.19	4.67	8.87



**ACADIAN MINING CORP.****Table A-2: Getty Resource Estimate - December 2007****Listing of 1 Meter Assay Composites**

Hole ID	From (m)	To (m)	Length (m)	Pb %	Zn %	Pb % + Zn %
GGR130	50.62	51.62	1	1.47	3.52	4.99
GGR130	51.62	52.62	1	1.66	1.66	3.32
GGR130	52.62	53.62	1	0.57	0.58	1.14
GGR130	53.62	54.62	1	0.04	0.60	0.64
GGR130	54.62	55.62	1	0.01	0.77	0.78
GGR130	55.62	56.62	1	0.02	0.58	0.60
GGR130	56.62	57.62	1	0.02	0.42	0.44
GGR130	57.62	58.62	1	0.27	0.64	0.91
GGR130	58.62	59.62	1	0.28	0.56	0.84
GGR130	59.62	60.62	1	0.29	0.47	0.76
GGR133	30.18	31.18	1	0.01	0.79	0.80
GGR133	31.18	32.18	1	0.01	0.65	0.66
GGR133	32.18	33.18	1	0.01	0.50	0.51
GGR133	33.18	34.18	1	0.01	0.29	0.30
GGR133	34.18	35.18	1	0.01	1.14	1.15
GGR133	35.18	36.18	1	0.01	2.33	2.34
GGR133	36.18	37.18	1	0.01	2.70	2.71
GGR133	37.18	38.18	1	0.01	3.03	3.04
GGR133	38.18	39.18	1	0.03	3.18	3.21
GGR133	39.18	40.18	1	0.04	1.55	1.59
GGR133	40.18	41.18	1	0.06	1.01	1.07
GGR133	41.18	42.18	1	0.02	1.01	1.03
GGR133	42.18	43.18	1	0.01	1.03	1.04
GGR133	43.18	44.18	1	0.01	1.09	1.10
GGR133	44.18	45.18	1	0.02	0.88	0.90
GGR133	45.18	46.18	1	0.02	0.92	0.94
GGR133	46.18	47.18	1	0.03	1.65	1.68
GGR133	47.18	48.18	1	0.02	0.95	0.97
GGR133	48.18	49.18	1	0.01	0.84	0.85
GGR133	49.18	50.18	1	0.01	1.08	1.09
GGR133	50.18	51.18	1	0.01	1.33	1.34
GGR133	51.18	52.18	1	0.01	1.02	1.03
GGR133	52.18	53.18	1	0.01	0.41	0.42
GGR133	53.18	54.18	1	0.01	0.40	0.41
GGR133	54.18	55.18	1	0.01	0.40	0.41
GGR133	55.18	56.18	1	0.01	0.41	0.42
GGR135	26	27	1	2.50	0.53	3.03
GGR135	27	28	1	4.20	0.99	5.19
GGR135	28	29	1	1.62	0.50	2.12
GGR135	29	30	1	0.72	0.35	1.06
GGR135	30	31	1	0.46	0.32	0.78
GGR135	31	32	1	0.70	0.34	1.04
GGR135	32	33	1	0.43	0.51	0.94
GGR135	33	34	1	0.43	0.51	0.94
GGR135	34	35	1	0.43	0.51	0.94
GGR135	35	36	1	0.79	0.75	1.54
GGR135	36	37	1	0.60	0.66	1.26
GGR135	37	38	1	0.50	0.58	1.08
GGR135	38	39	1	2.59	1.29	3.88
GGR136	22.86	23.86	1	0.51	0.37	0.88

**ACADIAN MINING CORP.****Table A-2: Getty Resource Estimate - December 2007****Listing of 1 Meter Assay Composites**

Hole ID	From (m)	To (m)	Length (m)	Pb %	Zn %	Pb % + Zn %
GGR136	23.86	24.86	1	0.44	0.34	0.77
GGR136	24.86	25.86	1	0.55	0.33	0.88
GGR136	25.86	26.86	1	0.97	0.35	1.32
GGR136	26.86	27.86	1	1.66	0.69	2.35
GGR136	27.86	28.86	1	1.74	0.71	2.45
GGR136	28.86	29.86	1	1.08	0.31	1.39
GGR157	42.06	43.06	1	0.48	0.33	0.81
GGR157	43.06	44.06	1	1.47	3.91	5.38
GGR157	44.06	45.06	1	1.53	7.12	8.64
GGR157	45.06	46.06	1	0.07	0.53	0.60
GGR157	46.06	47.06	1	0.09	0.68	0.77
GGR157	47.06	48.06	1	0.63	3.95	4.59
GGR157	48.06	49.06	1	0.01	0.57	0.58
GGR157	49.06	50.06	1	0.01	0.52	0.53
GGR158	21.52	22.52	1	0.01	1.80	1.81
GGR158	22.52	23.52	1	0.01	1.15	1.16
GGR158	23.52	24.52	1	0.01	0.86	0.87
GGR158	24.52	25.52	1	0.01	1.12	1.13
GGR158	25.52	26.52	1	0.01	1.22	1.23
GGR158	26.52	27.52	1	0.01	1.27	1.28
GGR158	27.52	28.52	1	0.01	1.12	1.13
GGR158	28.52	29.52	1	0.33	6.44	6.77
GGR158	29.52	30.52	1	0.01	0.50	0.51
GGR158	30.52	31.52	1	0.23	0.83	1.06
GGR158	31.52	32.52	1	0.80	1.67	2.47
GGR158	32.52	33.52	1	1.15	2.11	3.25
GGR158	33.52	34.52	1	1.03	1.96	2.99
GGR158	34.52	35.52	1	0.26	0.97	1.23
GGR158	35.52	36.52	1	0.20	0.91	1.11
GGR158	36.52	37.52	1	0.16	0.91	1.07
GGR158	37.52	38.52	1	0.12	1.01	1.13
GGR166	23.1	24.1	1	1.00	0.51	1.51
GGR166	24.1	25.1	1	1.18	2.00	3.18
GGR166	25.1	26.1	1	1.26	0.67	1.93
GGR166	26.1	27.1	1	0.62	0.12	0.74
GGR166	27.1	28.1	1	0.70	0.18	0.88
GGR166	28.1	29.1	1	0.75	0.17	0.92
GGR166	29.1	30.1	1	0.77	0.16	0.93
GGR167	25.45	26.45	1	0.94	0.02	0.95
GGR167	26.45	27.45	1	1.12	0.04	1.16
GGR167	27.45	28.45	1	3.55	0.44	3.99
GGR167	28.45	29.45	1	4.66	0.59	5.25
GGR167	29.45	30.45	1	3.52	0.51	4.03
GGR167	30.45	31.45	1	2.64	0.85	3.49
GGR167	31.45	32.45	1	3.10	0.92	4.02
GGR167	32.45	33.45	1	2.22	0.67	2.89
GGR167	33.45	34.45	1	2.01	0.80	2.82
GGR167	34.45	35.45	1	1.81	0.72	2.52
GGR167	35.45	36.45	1	1.56	0.59	2.15
GGR167	36.45	37.45	1	0.89	0.66	1.55

**ACADIAN MINING CORP.****Table A-2: Getty Resource Estimate - December 2007****Listing of 1 Meter Assay Composites**

Hole ID	From (m)	To (m)	Length (m)	Pb %	Zn %	Pb % + Zn %
GGR167	37.45	38.45	1	0.53	0.67	1.20
GGR167	38.45	39.45	1	0.05	0.68	0.73
GGR169	46.63	47.63	1	10.30	0.07	10.37
GGR169	47.63	48.63	1	6.78	0.07	6.85
GGR169	48.63	49.63	1	2.82	0.07	2.89
GGR169	49.63	50.63	1	2.37	0.19	2.57
GGR169	50.63	51.63	1	2.28	0.17	2.46
GGR169	51.63	52.63	1	2.19	0.14	2.33
GGR169	52.63	53.63	1	2.11	0.18	2.29
GGR169	53.63	54.63	1	2.20	0.15	2.35
GGR169	54.63	55.63	1	2.35	0.11	2.46
GGR169	55.63	56.63	1	5.82	1.86	7.68
GGR169	56.63	57.63	1	6.43	2.17	8.60
GGR169	59.63	60.63	1	0.27	1.69	1.96
GGR170	17.53	18.53	1	0.10	0.84	0.94
GGR170	18.53	19.53	1	0.02	0.54	0.56
GGR170	19.53	20.53	1	0.02	0.43	0.45
GGR170	20.53	21.53	1	0.34	0.68	1.02
GGR170	21.53	22.53	1	0.24	0.66	0.90
GGR170	22.53	23.53	1	0.06	0.29	0.35
GGR170	23.53	24.53	1	0.11	0.28	0.39
GGR170	24.53	25.53	1	0.26	0.39	0.65
GGR170	25.53	26.53	1	0.44	0.45	0.88
GGR170	26.53	27.53	1	0.46	0.43	0.89
GGR170	27.53	28.53	1	0.25	0.25	0.50
GGR172	26.82	27.82	1	0.16	0.35	0.51
GGR172	27.82	28.82	1	1.08	0.97	2.05
GGR172	28.82	29.82	1	1.18	1.32	2.50
GGR172	29.82	30.82	1	2.11	1.92	4.03
GGR172	30.82	31.82	1	1.48	1.33	2.81
GGR172	31.82	32.82	1	5.96	1.39	7.35
GGR172	32.82	33.82	1	2.31	2.03	4.34
GGR173	32.61	33.61	1	0.96	0.60	1.56
GGR173	33.61	34.61	1	0.97	0.56	1.53
GGR173	34.61	35.61	1	0.98	0.51	1.49
GGR173	35.61	36.61	1	1.51	1.17	2.68
GGR173	36.61	37.61	1	1.44	1.04	2.48
GGR173	37.61	38.61	1	1.31	0.81	2.12
GGR173	38.61	39.61	1	0.49	0.41	0.90
GGR173	39.61	40.61	1	0.32	0.29	0.60
GGR173	40.61	41.61	1	0.18	0.17	0.35
GGR173	41.61	42.61	1	0.16	0.33	0.49
GGR173	42.61	43.61	1	0.17	0.38	0.55
GGR173	43.61	44.61	1	0.20	0.42	0.62
GGR176	65.44	66.44	1	1.05	1.36	2.41
GGR176	66.44	67.44	1	1.25	0.73	1.97
GGR176	67.44	68.44	1	0.93	0.77	1.70
GGR176	68.44	69.44	1	0.57	0.83	1.40
GGR176	69.44	70.44	1	2.54	1.77	4.31
GGR176	70.44	71.44	1	0.11	0.95	1.06

**ACADIAN MINING CORP.****Table A-2: Getty Resource Estimate - December 2007****Listing of 1 Meter Assay Composites**

Hole ID	From (m)	To (m)	Length (m)	Pb %	Zn %	Pb % + Zn %
GGR176	71.44	72.44	1	0.36	0.86	1.22
GGR176	72.44	73.44	1	0.53	0.81	1.34
GGR176	73.44	74.44	1	0.77	0.84	1.61
GGR176	74.44	75.44	1	0.38	0.42	0.80
GGR176	75.44	76.44	1	0.10	0.16	0.25
GGR176	76.44	77.44	1	0.03	0.77	0.80
GGR176	77.44	78.44	1	0.03	1.80	1.83
GGR176	78.44	79.44	1	0.06	1.17	1.23
GGR176	79.44	80.44	1	0.07	1.36	1.43
GGR176	80.44	81.44	1	0.07	1.62	1.70
GGR176	81.44	82.44	1	0.15	1.70	1.85
GGR176	82.44	83.44	1	0.13	2.24	2.36
GGR176	83.44	84.44	1	0.11	2.69	2.80
GGR176	84.44	85.44	1	0.14	0.69	0.83
GGR176	85.44	86.44	1	0.14	0.69	0.83
GGR177	47.55	48.55	1	0.07	1.18	1.25
GGR177	48.55	49.55	1	0.07	1.03	1.10
GGR177	49.55	50.55	1	0.05	0.30	0.35
GGR177	50.55	51.55	1	1.13	1.67	2.80
GGR177	51.55	52.55	1	1.00	2.29	3.30
GGR177	52.55	53.55	1	17.94	4.83	22.77
GGR177	53.55	54.55	1	1.54	1.45	2.99
GGR177	54.55	55.55	1	1.22	1.52	2.73
GGR177	55.55	56.55	1	1.15	1.60	2.75
GGR177	56.55	57.55	1	1.56	1.88	3.44
GGR177	57.55	58.55	1	1.22	1.25	2.47
GGR177	58.55	59.55	1	0.97	0.92	1.89
GGR177	59.55	60.55	1	0.46	1.08	1.54
GGR177	60.55	61.55	1	0.37	0.75	1.12
GGR177	61.55	62.55	1	0.30	0.50	0.80
GGR177	62.55	63.55	1	0.30	0.30	0.60
GGR177	63.55	64.55	1	0.47	0.71	1.18
GGR177	64.55	65.55	1	0.63	1.07	1.69
GGR177	65.55	66.55	1	1.86	1.55	3.41
GGR177	66.55	67.55	1	6.03	1.88	7.91
GGR177	67.55	68.55	1	2.58	1.30	3.88
GGR177	68.55	69.55	1	0.84	1.42	2.26
GGR177	69.55	70.55	1	0.21	0.89	1.11
GGR177	70.55	71.55	1	0.20	0.13	0.33
GGR177	71.55	72.55	1	0.15	0.09	0.25
GGR177	72.55	73.55	1	0.11	0.12	0.24
GGR177	73.55	74.55	1	0.06	0.17	0.23
GGR177	74.55	75.55	1	0.16	0.20	0.36
GGR177	75.55	76.55	1	0.21	0.27	0.48
GGR177	76.55	77.55	1	0.26	0.41	0.67
GGR177	77.55	78.55	1	0.10	1.29	1.39
GGR177	78.55	79.55	1	0.07	1.21	1.28
GGR177	79.55	80.55	1	0.08	0.59	0.67
GGR177	80.55	81.55	1	0.12	0.73	0.85
GGR177	81.55	82.55	1	0.12	0.78	0.90

**ACADIAN MINING CORP.****Table A-2: Getty Resource Estimate - December 2007****Listing of 1 Meter Assay Composites**

Hole ID	From (m)	To (m)	Length (m)	Pb %	Zn %	Pb % + Zn %
GGR177	82.55	83.55	1	0.13	0.91	1.04
GGR177	83.55	84.55	1	0.19	0.85	1.04
GGR177	84.55	85.55	1	0.16	0.45	0.61
GGR178	41.45	42.45	1	0.02	1.08	1.10
GGR178	42.45	43.45	1	0.03	0.73	0.76
GGR178	43.45	44.45	1	1.41	1.31	2.72
GGR178	44.45	45.45	1	3.40	2.18	5.58
GGR178	45.45	46.45	1	1.60	1.55	3.14
GGR178	46.45	47.45	1	1.16	1.69	2.85
GGR178	47.45	48.45	1	0.82	2.10	2.92
GGR178	48.45	49.45	1	1.61	1.71	3.32
GGR178	49.45	50.45	1	1.70	1.41	3.11
GGR178	50.45	51.45	1	1.55	0.92	2.47
GGR178	51.45	52.45	1	1.63	1.92	3.54
GGR178	52.45	53.45	1	1.55	2.06	3.61
GGR178	53.45	54.45	1	1.28	1.72	3.00
GGR178	54.45	55.45	1	1.73	1.15	2.88
GGR178	55.45	56.45	1	1.78	0.94	2.72
GGR178	56.45	57.45	1	1.36	0.91	2.27
GGR178	57.45	58.45	1	0.77	0.59	1.35
GGR179	40.75	41.75	1	0.30	0.88	1.18
GGR179	41.75	42.75	1	0.51	1.66	2.18
GGR179	42.75	43.75	1	0.75	2.55	3.30
GGR179	43.75	44.75	1	1.51	1.93	3.44
GGR179	44.75	45.75	1	2.78	2.48	5.27
GGR179	45.75	46.75	1	0.73	1.74	2.46
GGR179	46.75	47.75	1	1.55	2.20	3.75
GGR179	47.75	48.75	1	2.29	1.80	4.08
GGR179	48.75	49.75	1	1.72	1.52	3.24
GGR179	49.75	50.75	1	0.62	1.13	1.75
GGR179	50.75	51.75	1	1.65	2.35	4.00
GGR179	51.75	52.75	1	1.60	2.04	3.64
GGR179	52.75	53.75	1	1.10	0.91	2.01
GGR179	53.75	54.75	1	0.85	0.56	1.41
GGR179	54.75	55.75	1	0.75	0.63	1.38
GGR179	55.75	56.75	1	0.65	1.03	1.68
GGR179	56.75	57.75	1	0.52	1.29	1.82
GGR179	57.75	58.75	1	0.46	1.18	1.64
GGR179	58.75	59.75	1	0.41	0.51	0.92
GGR181	35.97	36.97	1	0.22	0.72	0.94
GGR181	36.97	37.97	1	0.12	0.60	0.72
GGR181	37.97	38.97	1	0.02	0.47	0.49
GGR181	38.97	39.97	1	0.93	0.65	1.58
GGR181	39.97	40.97	1	0.64	0.66	1.30
GGR181	40.97	41.97	1	0.20	0.67	0.87
GGR181	41.97	42.97	1	0.42	0.92	1.33
GGR181	42.97	43.97	1	0.53	0.73	1.26
GGR181	43.97	44.97	1	0.68	0.39	1.07
GGR181	44.97	45.97	1	0.77	0.39	1.16
GGR181	45.97	46.97	1	0.53	0.32	0.84

**ACADIAN MINING CORP.****Table A-2: Getty Resource Estimate - December 2007****Listing of 1 Meter Assay Composites**

Hole ID	From (m)	To (m)	Length (m)	Pb %	Zn %	Pb % + Zn %
GGR181	46.97	47.97	1	0.03	0.18	0.21
GGR181	47.97	48.97	1	0.25	0.31	0.56
GGR181	48.97	49.97	1	0.51	0.35	0.86
GGR181	49.97	50.97	1	1.01	0.39	1.40
GGR181	50.97	51.97	1	1.03	0.53	1.57
GGR181	51.97	52.97	1	1.03	0.61	1.64
GGR181	52.97	53.97	1	0.99	0.70	1.69
GGR181	53.97	54.97	1	0.62	0.33	0.95
GGR181	54.97	55.97	1	0.51	0.19	0.70
GGR181	55.97	56.97	1	0.67	0.19	0.86
GGR182	40.36	41.36	1	0.01	0.61	0.62
GGR182	41.36	42.36	1	0.01	0.33	0.34
GGR182	42.36	43.36	1	0.01	0.55	0.56
GGR182	43.36	44.36	1	0.02	0.81	0.83
GGR182	44.36	45.36	1	0.16	1.98	2.14
GGR182	45.36	46.36	1	0.58	3.00	3.59
GGR182	46.36	47.36	1	0.96	2.44	3.40
GGR182	47.36	48.36	1	0.36	1.48	1.84
GGR182	48.36	49.36	1	1.93	5.29	7.23
GGR182	49.36	50.36	1	6.29	5.90	12.19
GGR182	50.36	51.36	1	0.65	0.69	1.33
GGR182	51.36	52.36	1	0.09	0.24	0.33
GGR182	52.36	53.36	1	0.10	0.26	0.36
GGR182	53.36	54.36	1	0.23	0.20	0.43
GGR182	54.36	55.36	1	0.22	0.23	0.46
GGR182	55.36	56.36	1	0.17	0.32	0.49
GGR182	56.36	57.36	1	0.15	0.29	0.44
GGR182	57.36	58.36	1	0.17	0.33	0.50
GGR182	58.36	59.36	1	0.22	0.43	0.65
GGR182	59.36	60.36	1	0.42	0.57	0.99
GGR182	60.36	61.36	1	0.50	0.60	1.10
GGR182	61.36	62.36	1	0.56	0.55	1.11
GGR183	40.23	41.23	1	6.29	4.68	10.97
GGR183	41.23	42.23	1	0.67	3.53	4.20
GGR183	42.23	43.23	1	0.24	2.79	3.03
GGR183	43.23	44.23	1	1.80	2.96	4.76
GGR183	44.23	45.23	1	6.05	2.57	8.62
GGR183	45.23	46.23	1	6.55	4.14	10.69
GGR183	46.23	47.23	1	0.85	2.31	3.16
GGR183	47.23	48.23	1	3.49	3.93	7.42
GGR183	48.23	49.23	1	1.78	3.26	5.04
GGR183	49.23	50.23	1	0.54	2.46	3.00
GGR183	50.23	51.23	1	0.45	2.55	3.00
GGR183	51.23	52.23	1	2.52	3.99	6.51
GGR183	52.23	53.23	1	0.74	0.81	1.55
GGR183	53.23	54.23	1	1.72	1.53	3.25
GGR183	54.23	55.23	1	2.22	1.86	4.08
GGR183	55.23	56.23	1	0.91	0.46	1.37
GGR183	56.23	57.23	1	1.29	1.26	2.55
GGR183	57.23	58.23	1	1.49	1.56	3.05

**ACADIAN MINING CORP.****Table A-2: Getty Resource Estimate - December 2007****Listing of 1 Meter Assay Composites**

Hole ID	From (m)	To (m)	Length (m)	Pb %	Zn %	Pb % + Zn %
GGR183	58.23	59.23	1	1.84	1.65	3.49
GGR183	59.23	60.23	1	2.13	1.61	3.74
GGR183	60.23	61.23	1	1.77	0.56	2.33
GGR183	61.23	62.23	1	1.45	0.37	1.82
GGR183	62.23	63.23	1	0.98	0.27	1.25
GGR191	29.87	30.87	1	0.01	0.61	0.62
GGR191	30.87	31.87	1	0.01	1.02	1.03
GGR191	31.87	32.87	1	0.01	1.46	1.47
GGR191	32.87	33.87	1	0.07	1.12	1.19
GGR191	33.87	34.87	1	0.07	1.28	1.36
GGR191	34.87	35.87	1	0.08	1.53	1.61
GGR191	35.87	36.87	1	0.08	1.11	1.19
GGR191	36.87	37.87	1	0.09	1.13	1.22
GGR191	37.87	38.87	1	0.10	1.24	1.34
GGR191	38.87	39.87	1	0.15	2.03	2.18
GGR191	39.87	40.87	1	1.75	4.38	6.14
GGR191	40.87	41.87	1	0.21	1.02	1.23
GGR191	41.87	42.87	1	0.11	0.85	0.96
GGR191	42.87	43.87	1	0.01	0.67	0.68
GGR191	43.87	44.87	1	0.11	0.62	0.73
GGR191	44.87	45.87	1	0.11	0.74	0.86
GGR191	45.87	46.87	1	0.12	0.89	1.01
GGR191	46.87	47.87	1	0.18	0.84	1.02
GGR191	47.87	48.87	1	0.11	0.61	0.72
GGR191	48.87	49.87	1	0.01	0.27	0.28
GGR191	49.87	50.87	1	0.01	0.38	0.39
GGR191	50.87	51.87	1	0.01	0.40	0.41
GGR191	51.87	52.87	1	0.01	0.41	0.42
GGR192	29.5	30.5	1	0.01	1.24	1.25
GGR192	30.5	31.5	1	0.01	2.49	2.50
GGR192	31.5	32.5	1	0.01	3.99	4.00
GGR192	32.5	33.5	1	0.52	2.66	3.18
GGR192	33.5	34.5	1	2.30	5.25	7.55
GGR192	34.5	35.5	1	0.87	4.10	4.98
GGR192	35.5	36.5	1	0.19	3.03	3.22
GGR192	36.5	37.5	1	0.13	2.11	2.24
GGR192	37.5	38.5	1	0.31	2.26	2.57
GGR192	38.5	39.5	1	0.35	1.92	2.27
GGR192	39.5	40.5	1	0.36	1.56	1.92
GGR192	40.5	41.5	1	0.35	2.43	2.78
GGR192	41.5	42.5	1	1.45	5.02	6.48
GGR192	42.5	43.5	1	0.64	3.22	3.86
GGR192	43.5	44.5	1	0.13	1.81	1.94
GGR192	44.5	45.5	1	0.15	0.83	0.98
GGR192	45.5	46.5	1	0.32	1.52	1.84
GGR192	46.5	47.5	1	0.41	1.88	2.29
GGR192	47.5	48.5	1	0.16	0.50	0.67
GGR192	48.5	49.5	1	0.16	0.59	0.75
GGR192	49.5	50.5	1	0.14	0.80	0.93
GGR192	50.5	51.5	1	0.01	0.75	0.76

**ACADIAN MINING CORP.****Table A-2: Getty Resource Estimate - December 2007****Listing of 1 Meter Assay Composites**

Hole ID	From (m)	To (m)	Length (m)	Pb %	Zn %	Pb % + Zn %
GGR192	51.5	52.5	1	0.01	0.92	0.93
GGR192	52.5	53.5	1	0.01	1.01	1.02
GGR192	53.5	54.5	1	0.01	1.08	1.09
GGR192	54.5	55.5	1	0.01	0.89	0.90
GGR192	55.5	56.5	1	0.01	1.17	1.18
GGR192	56.5	57.5	1	0.01	1.80	1.81
GGR192	57.5	58.5	1	0.01	2.08	2.09
GGR192	58.5	59.5	1	0.01	1.65	1.66
GGR192	59.5	60.5	1	0.01	1.00	1.01
GGR192	60.5	61.5	1	0.01	0.24	0.25
GGR192	61.5	62.5	1	0.02	0.51	0.53
GGR192	62.5	63.5	1	0.03	0.77	0.80
GGR193	38.1	39.1	1	2.24	1.34	3.58
GGR193	39.1	40.1	1	3.11	2.98	6.09
GGR193	40.1	41.1	1	1.80	2.35	4.15
GGR193	41.1	42.1	1	0.40	0.59	1.00
GGR193	42.1	43.1	1	0.40	0.62	1.03
GGR193	43.1	44.1	1	0.50	0.79	1.29
GGR193	44.1	45.1	1	1.81	0.54	2.35
GGR193	45.1	46.1	1	1.96	0.51	2.47
GGR193	46.1	47.1	1	1.96	0.51	2.47
GGR193	47.1	48.1	1	1.96	0.51	2.47
GGR193	48.1	49.1	1	0.83	0.41	1.24
GGR193	49.1	50.1	1	0.73	1.60	2.33
GGR193	50.1	51.1	1	2.17	3.94	6.11
GGR193	51.1	52.1	1	1.29	2.65	3.93
GGR193	52.1	53.1	1	2.17	3.29	5.47
GGR193	53.1	54.1	1	2.83	3.69	6.52
GGR193	54.1	55.1	1	1.86	1.50	3.36
GGR193	55.1	56.1	1	3.82	3.73	7.54
GGR193	56.1	57.1	1	2.42	4.16	6.58
GGR193	57.1	58.1	1	0.58	1.25	1.83
GGR193	58.1	59.1	1	0.17	0.64	0.81
GGR193	59.1	60.1	1	0.19	0.63	0.82
GGR193	60.1	61.1	1	0.31	0.93	1.24
GGR193	61.1	62.1	1	0.99	1.30	2.29
GGR193	62.1	63.1	1	1.01	1.13	2.14
GGR193	63.1	64.1	1	0.22	0.72	0.94
GGR193	64.1	65.1	1	0.05	0.61	0.66
GGR193	65.1	66.1	1	0.09	0.49	0.58
GGR193	66.1	67.1	1	0.09	0.49	0.58
GGR206	30.54	31.54	1	0.01	1.28	1.29
GGR206	31.54	32.54	1	0.01	2.08	2.09
GGR206	32.54	33.54	1	0.01	0.30	0.31
GGR206	33.54	34.54	1	0.05	1.86	1.91
GGR206	34.54	35.54	1	0.05	2.25	2.30
GGR206	35.54	36.54	1	0.05	2.65	2.70
GGR206	36.54	37.54	1	0.05	1.18	1.23
GGR206	37.54	38.54	1	0.08	1.16	1.24
GGR206	38.54	39.54	1	0.18	1.53	1.71



**ACADIAN MINING CORP.****Table A-2: Getty Resource Estimate - December 2007****Listing of 1 Meter Assay Composites**

Hole ID	From (m)	To (m)	Length (m)	Pb %	Zn %	Pb % + Zn %
GGR206	39.54	40.54	1	0.43	1.30	1.73
GGR206	40.54	41.54	1	0.50	1.10	1.60
GGR206	41.54	42.54	1	0.22	0.58	0.80
GGR206	42.54	43.54	1	0.09	0.46	0.55
GGR206	43.54	44.54	1	0.04	0.44	0.48
GGR206	44.54	45.54	1	0.12	0.57	0.69
GGR206	45.54	46.54	1	0.13	0.87	0.99
GGR206	46.54	47.54	1	0.13	0.77	0.90
GGR206	47.54	48.54	1	0.13	0.18	0.31
GGR206	48.54	49.54	1	1.05	1.45	2.50
GGR206	49.54	50.54	1	0.84	0.60	1.44
GGR206	50.54	51.54	1	0.63	0.20	0.83
GGR206	51.54	52.54	1	0.24	0.25	0.49
GGR206	52.54	53.54	1	0.22	0.37	0.59
GGR206	53.54	54.54	1	0.61	0.80	1.41
GGR206	54.54	55.54	1	0.44	1.63	2.07
GGR206	55.54	56.54	1	0.41	1.87	2.28
GGR206	56.54	57.54	1	0.41	2.03	2.44
GGR206	57.54	58.54	1	0.53	1.16	1.69
GGR206	58.54	59.54	1	0.82	0.89	1.72
GGR206	59.54	60.54	1	1.55	0.84	2.39
GGR206	60.54	61.54	1	1.03	0.14	1.17
GGR206	61.54	62.54	1	1.16	1.15	2.30
GGR206	62.54	63.54	1	0.29	1.06	1.35
GGR206	63.54	64.54	1	0.16	1.02	1.18
GGR206	64.54	65.54	1	0.10	1.00	1.10
GGR208	98.37	99.37	1	18.54	9.12	27.66
GGR208	99.37	100.37	1	3.74	1.51	5.25
GGR208	100.37	101.37	1	4.50	2.14	6.63
GGR208	101.37	102.37	1	0.59	0.45	1.04
GGR208	102.37	103.37	1	2.86	1.92	4.78
GGR208	103.37	104.37	1	6.30	3.53	9.83
GGR208	104.37	105.37	1	2.10	0.65	2.75
GGR209	109.73	110.73	1	0.28	0.33	0.61
GGR209	110.73	111.73	1	4.13	2.73	6.86
GGR209	111.73	112.73	1	0.93	1.77	2.70
GGR209	112.73	113.73	1	1.65	2.55	4.19
GGR209	113.73	114.73	1	5.55	4.94	10.49
GGR209	114.73	115.73	1	1.75	0.46	2.21
GGR209	115.73	116.73	1	0.80	0.20	1.00
GGR209	116.73	117.73	1	0.04	0.01	0.05
GGR209	117.73	118.73	1	0.69	0.01	0.70
GGR209	118.73	119.73	1	0.82	0.01	0.83
GGR211	22.83	23.83	1	0.01	0.52	0.53
GGR211	23.83	24.83	1	0.01	0.64	0.65
GGR211	24.83	25.83	1	0.01	0.76	0.77
GGR211	25.83	26.83	1	0.18	1.90	2.08
GGR211	26.83	27.83	1	0.33	2.49	2.82
GGR211	27.83	28.83	1	0.51	3.20	3.71
GGR211	28.83	29.83	1	1.05	1.59	2.64

**ACADIAN MINING CORP.**

**Table A-2: Getty Resource Estimate - December 2007**

**Listing of 1 Meter Assay Composites**

Hole ID	From (m)	To (m)	Length (m)	Pb %	Zn %	Pb % + Zn %
GGR211	29.83	30.83	1	2.20	1.71	3.90
GGR211	30.83	31.83	1	0.76	2.59	3.35
GGR211	31.83	32.83	1	1.26	2.26	3.51
GGR211	32.83	33.83	1	1.74	1.98	3.73
GGR211	33.83	34.83	1	1.75	1.94	3.69
GGR211	34.83	35.83	1	1.59	2.03	3.61
GGR211	35.83	36.83	1	1.20	1.83	3.04
GGR211	36.83	37.83	1	0.19	1.18	1.37
GGR211	37.83	38.83	1	0.57	1.14	1.71
GGR211	38.83	39.83	1	0.70	1.15	1.85
GGR211	39.83	40.83	1	0.68	1.25	1.93
GGR211	40.83	41.83	1	0.27	1.05	1.32
GGR211	41.83	42.83	1	0.10	1.01	1.11
GGR211	42.83	43.83	1	0.19	1.35	1.54
GGR211	43.83	44.83	1	0.26	1.79	2.05
GGR211	44.83	45.83	1	0.28	2.20	2.47
GGR211	45.83	46.83	1	0.09	3.39	3.48
GGR211	46.83	47.83	1	0.09	1.86	1.95
GGR211	47.83	48.83	1	0.09	0.81	0.90
GGR211	48.83	49.83	1	0.08	0.93	1.01
GGR211	49.83	50.83	1	0.06	1.52	1.58
GGR211	50.83	51.83	1	0.05	2.11	2.16
GGR211	51.83	52.83	1	0.84	11.30	12.14
GGR211	52.83	53.83	1	0.43	7.23	7.67
GGR211	53.83	54.83	1	0.01	3.00	3.01
GGR211	54.83	55.83	1	0.01	2.08	2.09
GGR211	55.83	56.83	1	0.01	2.05	2.06
GGR213	32.25	33.25	1	0.02	0.61	0.63
GGR213	33.25	34.25	1	0.01	0.87	0.88
GGR213	34.25	35.25	1	0.02	0.50	0.52
GGR213	35.25	36.25	1	0.02	0.60	0.61
GGR213	36.25	37.25	1	0.01	1.08	1.09
GGR213	37.25	38.25	1	0.15	0.68	0.82
GGR213	38.25	39.25	1	0.16	0.51	0.67
GGR213	39.25	40.25	1	0.07	0.38	0.45
GGR213	40.25	41.25	1	0.05	0.29	0.34
GGR213	41.25	42.25	1	0.05	0.29	0.34
GGR213	42.25	43.25	1	0.07	0.46	0.53
GGR213	43.25	44.25	1	0.13	0.27	0.40
GGR213	44.25	45.25	1	0.16	0.20	0.36
GGR213	45.25	46.25	1	0.15	0.38	0.53
GGR213	46.25	47.25	1	0.22	0.39	0.60
GGR213	47.25	48.25	1	0.26	0.46	0.72
GGR213	48.25	49.25	1	0.29	1.12	1.41
GGR213	49.25	50.25	1	1.56	3.70	5.26
GGR213	50.25	51.25	1	2.43	5.54	7.96
GGR213	51.25	52.25	1	0.17	2.79	2.96
GGR213	52.25	53.25	1	0.15	2.03	2.18
GGR213	53.25	54.25	1	0.13	1.33	1.46
GGR214	61.72	62.72	1	0.53	0.44	0.97

**ACADIAN MINING CORP.****Table A-2: Getty Resource Estimate - December 2007****Listing of 1 Meter Assay Composites**

Hole ID	From (m)	To (m)	Length (m)	Pb %	Zn %	Pb % + Zn %
GGR214	62.72	63.72	1	0.31	1.03	1.34
GGR214	63.72	64.72	1	0.07	1.69	1.76
GGR214	64.72	65.72	1	0.11	2.23	2.34
GGR214	65.72	66.72	1	0.18	1.70	1.88
GGR214	66.72	67.72	1	0.27	0.95	1.22
GGR215	65.47	66.47	1	12.97	4.08	17.05
GGR215	66.47	67.47	1	0.71	1.90	2.61
GGR215	67.47	68.47	1	2.11	0.91	3.02
GGR216	58.83	59.83	1	3.92	0.01	3.93
GGR216	59.83	60.83	1	0.96	0.01	0.97
GGR216	60.83	61.83	1	0.12	0.01	0.13
GGR217	96.62	97.62	1	0.05	3.53	3.57
GGR217	97.62	98.62	1	0.07	5.93	6.00
GGR217	98.62	99.62	1	0.11	3.85	3.96
GGR217	99.62	100.62	1	0.69	1.67	2.37
GGR217	100.62	101.62	1	1.08	2.30	3.38
GGR217	101.62	102.62	1	0.47	1.31	1.78
GGR217	102.62	103.62	1	0.46	0.64	1.10
GGR217	103.62	104.62	1	0.23	0.33	0.55
GGR217	104.62	105.62	1	0.30	0.57	0.87
GGR217	105.62	106.62	1	0.52	1.13	1.65
GGR217	106.62	107.62	1	0.31	0.74	1.04
GGR217	107.62	108.62	1	0.23	0.59	0.82
GGR217	108.62	109.62	1	0.64	1.17	1.81
GGR217	109.62	110.62	1	2.79	2.68	5.47
GGR217	110.62	111.62	1	4.89	3.87	8.76
GGR217	111.62	112.62	1	3.94	2.70	6.64
GGR217	112.62	113.62	1	2.47	1.08	3.55
GGR217	113.62	114.62	1	2.47	1.08	3.55
GGR217	114.62	115.62	1	2.27	0.81	3.08
GGR217	115.62	116.62	1	2.12	0.79	2.91
GGR217	116.62	117.62	1	2.27	1.17	3.44
GGR217	117.62	118.62	1	2.45	2.36	4.81
GGR217	118.62	119.62	1	0.62	0.50	1.12
GGR217	119.62	120.62	1	2.52	0.89	3.40
GGR217	120.62	121.62	1	4.43	1.29	5.72
GGR219	22.56	23.56	1	0.01	1.07	1.08
GGR219	23.56	24.56	1	0.03	1.57	1.59
GGR219	24.56	25.56	1	0.02	1.64	1.67
GGR219	25.56	26.56	1	0.01	1.47	1.48
GGR219	26.56	27.56	1	0.11	1.98	2.09
GGR219	27.56	28.56	1	0.12	2.06	2.18
GGR219	28.56	29.56	1	0.06	1.66	1.72
GGR219	29.56	30.56	1	0.09	1.60	1.69
GGR219	30.56	31.56	1	0.11	1.51	1.62
GGR219	31.56	32.56	1	0.12	1.20	1.32
GGR219	32.56	33.56	1	0.15	1.00	1.14
GGR219	33.56	34.56	1	0.15	0.81	0.97
GGR219	34.56	35.56	1	0.10	0.32	0.42
GGR219	35.56	36.56	1	0.10	0.23	0.33

**ACADIAN MINING CORP.****Table A-2: Getty Resource Estimate - December 2007****Listing of 1 Meter Assay Composites**

Hole ID	From (m)	To (m)	Length (m)	Pb %	Zn %	Pb % + Zn %
GGR219	36.56	37.56	1	0.10	0.21	0.31
GGR219	37.56	38.56	1	0.11	0.67	0.78
GGR219	38.56	39.56	1	0.12	0.47	0.58
GGR219	39.56	40.56	1	0.12	0.30	0.42
GGR219	40.56	41.56	1	0.03	0.20	0.23
GGR219	41.56	42.56	1	0.02	0.25	0.27
GGR219	42.56	43.56	1	0.01	0.29	0.30
GGR219	43.56	44.56	1	0.01	0.13	0.14
GGR219	44.56	45.56	1	0.01	0.26	0.27
GGR219	45.56	46.56	1	0.01	0.42	0.43
GGR219	46.56	47.56	1	0.01	0.41	0.42
GGR219	47.56	48.56	1	0.01	0.41	0.42
GGR220	36.21	37.21	1	0.01	3.43	3.44
GGR220	37.21	38.21	1	0.03	1.41	1.45
GGR220	38.21	39.21	1	0.14	0.74	0.88
GGR220	39.21	40.21	1	0.54	1.20	1.74
GGR220	40.21	41.21	1	0.44	0.89	1.33
GGR220	41.21	42.21	1	0.43	0.83	1.26
GGR220	42.21	43.21	1	0.54	1.05	1.59
GGR220	43.21	44.21	1	0.33	0.87	1.20
GGR220	44.21	45.21	1	0.34	1.52	1.86
GGR220	45.21	46.21	1	0.81	2.38	3.19
GGR220	46.21	47.21	1	0.77	1.34	2.11
GGR220	47.21	48.21	1	0.31	0.68	0.99
GGR220	48.21	49.21	1	0.07	0.11	0.18
GGR220	49.21	50.21	1	0.09	0.68	0.77
GGR220	50.21	51.21	1	1.04	2.63	3.68
GGR220	51.21	52.21	1	0.49	2.96	3.45
GGR220	52.21	53.21	1	0.12	2.15	2.27
GGR220	53.21	54.21	1	0.05	1.47	1.53
GGR220	54.21	55.21	1	0.01	1.07	1.08
GGR220	55.21	56.21	1	0.08	0.91	0.99
GGR220	56.21	57.21	1	0.06	1.01	1.07
GGR220	57.21	58.21	1	0.03	2.23	2.26
GGR220	58.21	59.21	1	0.30	1.54	1.84
GGR220	59.21	60.21	1	0.13	1.54	1.66
GGR220	60.21	61.21	1	0.05	0.49	0.54
GGR220	61.21	62.21	1	0.03	0.40	0.42
GGR220	62.21	63.21	1	0.01	0.39	0.40
GGR220	63.21	64.21	1	0.01	0.84	0.85
GGR220	64.21	65.21	1	0.01	0.81	0.82
GGR220	65.21	66.21	1	0.01	0.70	0.71
GGR221	27.58	28.58	1	0.01	0.56	0.57
GGR221	28.58	29.58	1	0.01	0.55	0.56
GGR221	29.58	30.58	1	0.12	1.19	1.31
GGR221	30.58	31.58	1	0.15	1.34	1.50
GGR221	31.58	32.58	1	0.04	0.29	0.33
GGR221	32.58	33.58	1	0.05	0.51	0.57
GGR221	33.58	34.58	1	0.05	0.52	0.58
GGR221	34.58	35.58	1	0.04	0.26	0.30

**ACADIAN MINING CORP.****Table A-2: Getty Resource Estimate - December 2007****Listing of 1 Meter Assay Composites**

Hole ID	From (m)	To (m)	Length (m)	Pb %	Zn %	Pb % + Zn %
GGR221	35.58	36.58	1	0.02	0.28	0.30
GGR221	36.58	37.58	1	0.01	0.28	0.29
GGR221	37.58	38.58	1	0.01	0.19	0.20
GGR221	38.58	39.58	1	0.04	0.38	0.42
GGR221	39.58	40.58	1	0.06	0.57	0.64
GGR221	40.58	41.58	1	0.18	1.86	2.04
GGR221	41.58	42.58	1	0.17	1.87	2.05
GGR221	42.58	43.58	1	0.14	1.94	2.08
GGR221	43.58	44.58	1	0.13	1.71	1.84
GGR221	44.58	45.58	1	0.09	1.05	1.14
GGR221	45.58	46.58	1	0.06	0.80	0.87
GGR221	46.58	47.58	1	0.03	0.34	0.37
GGR221	47.58	48.58	1	0.09	0.41	0.50
GGR221	48.58	49.58	1	0.12	0.47	0.59
GGR221	49.58	50.58	1	0.01	0.58	0.59
GGR221	50.58	51.58	1	0.01	0.32	0.33
GGR221	51.58	52.58	1	0.01	0.08	0.09
GGR221	52.58	53.58	1	0.01	0.04	0.05
GGR221	53.58	54.58	1	0.01	0.18	0.19
GGR221	54.58	55.58	1	0.01	0.34	0.35
GGR221	55.58	56.58	1	0.01	0.16	0.17
GGR221	56.58	57.58	1	0.01	0.09	0.10
GGR221	57.58	58.58	1	0.01	0.04	0.05
GGR221	58.58	59.58	1	0.01	0.22	0.23
GGR221	59.58	60.58	1	0.01	0.28	0.29
GGR221	60.58	61.58	1	0.03	1.84	1.87
GGR221	61.58	62.58	1	0.01	0.63	0.64
GGR222	26.82	27.82	1	1.85	0.18	2.03
GGR222	27.82	28.82	1	1.02	0.22	1.23
GGR222	28.82	29.82	1	1.23	0.68	1.91
GGR222	29.82	30.82	1	1.47	0.93	2.40
GGR222	30.82	31.82	1	1.45	1.00	2.45
GGR222	31.82	32.82	1	1.63	0.72	2.35
GGR222	32.82	33.82	1	0.96	0.18	1.14
GGR222	33.82	34.82	1	0.63	0.12	0.75
GGR222	34.82	35.82	1	0.23	0.05	0.28
GGR230	28.35	29.35	1	0.01	0.90	0.91
GGR230	29.35	30.35	1	0.07	0.56	0.63
GGR230	30.35	31.35	1	0.09	0.50	0.58
GGR230	31.35	32.35	1	0.10	0.45	0.55
GGR230	32.35	33.35	1	1.74	0.29	2.04
GGR230	33.35	34.35	1	2.52	0.13	2.65
GGR230	34.35	35.35	1	1.79	0.32	2.10
GGR230	35.35	36.35	1	0.95	0.42	1.37
GGR230	36.35	37.35	1	0.75	0.29	1.04
GGR230	37.35	38.35	1	0.85	0.55	1.40
GGR230	38.35	39.35	1	0.99	1.05	2.04
GGR230	39.35	40.35	1	0.48	0.69	1.17
GGR230	40.35	41.35	1	0.34	0.60	0.94
GGR231	36.58	37.58	1	1.08	0.25	1.33

**ACADIAN MINING CORP.****Table A-2: Getty Resource Estimate - December 2007****Listing of 1 Meter Assay Composites**

Hole ID	From (m)	To (m)	Length (m)	Pb %	Zn %	Pb % + Zn %
GGR231	37.58	38.58	1	0.45	0.06	0.51
GGR231	38.58	39.58	1	0.40	0.04	0.44
GGR231	39.58	40.58	1	1.39	0.09	1.48
GGR231	40.58	41.58	1	1.50	0.10	1.60
GGR231	41.58	42.58	1	2.39	1.93	4.31
GGR231	42.58	43.58	1	1.11	0.89	2.00
GGR231	43.58	44.58	1	0.73	0.12	0.85
GGR231	44.58	45.58	1	1.39	0.24	1.63
GGR231	45.58	46.58	1	0.61	0.80	1.41
GGR231	46.58	47.58	1	0.25	0.07	0.32
GGR231	47.58	48.58	1	0.40	0.08	0.48
GGR231	48.58	49.58	1	0.41	0.09	0.50
GGR231	49.58	50.58	1	0.41	0.10	0.51
GGR231	50.58	51.58	1	0.55	0.96	1.50
GGR231	51.58	52.58	1	0.61	1.36	1.97
GGR231	52.58	53.58	1	0.26	1.05	1.31
GGR231	53.58	54.58	1	0.19	0.97	1.17
GGR231	54.58	55.58	1	0.43	2.07	2.50
GGR231	55.58	56.58	1	0.10	0.59	0.69
GGR231	56.58	57.58	1	0.05	0.24	0.29
GGR231	57.58	58.58	1	0.05	0.05	0.10
GGR231	58.58	59.58	1	0.09	0.31	0.40
GGR231	59.58	60.58	1	0.16	0.57	0.73
GGR231	60.58	61.58	1	0.26	0.81	1.08
GGR231	61.58	62.58	1	0.80	0.97	1.76
GGR231	62.58	63.58	1	0.24	0.64	0.88
GGR231	63.58	64.58	1	0.09	0.49	0.58
S526	45.16	46.16	1	2.80	0.68	3.48
S526	46.16	47.16	1	0.85	0.20	1.06
S526	47.16	48.16	1	1.07	1.28	2.35
S526	48.16	49.16	1	0.89	2.66	3.55
S526	49.16	50.16	1	0.52	4.01	4.53
S526	50.16	51.16	1	0.48	4.15	4.64
S526	51.16	52.16	1	0.45	4.29	4.74
S526	52.16	53.16	1	0.69	2.49	3.18
S526	53.16	54.16	1	1.02	4.16	5.18
S526	54.16	55.16	1	1.59	5.44	7.03
S526	55.16	56.16	1	1.98	6.07	8.05
S526	56.16	57.16	1	2.05	5.63	7.68
S526	57.16	58.16	1	1.18	3.99	5.17
S526	58.16	59.16	1	0.31	2.35	2.66
S526	59.16	60.16	1	0.03	1.82	1.85
S526	60.16	61.16	1	0.01	1.38	1.39
S526	61.16	62.16	1	0.00	0.85	0.85
S527	20.17	21.17	1	0.09	3.53	3.62
S527	21.17	22.17	1	0.47	3.05	3.52
S527	22.17	23.17	1	0.16	1.62	1.78
S527	23.17	24.17	1	0.11	1.47	1.58
S527	24.17	25.17	1	0.11	2.80	2.91
S527	25.17	26.17	1	0.07	2.11	2.18

**ACADIAN MINING CORP.****Table A-2: Getty Resource Estimate - December 2007****Listing of 1 Meter Assay Composites**

Hole ID	From (m)	To (m)	Length (m)	Pb %	Zn %	Pb % + Zn %
S527	26.17	27.17	1	0.02	1.03	1.05
S527	27.17	28.17	1	0.01	0.64	0.65
S527	28.17	29.17	1	0.14	0.54	0.68
S527	29.17	30.17	1	0.10	0.80	0.91
S527	30.17	31.17	1	0.04	1.23	1.28
S527	31.17	32.17	1	0.03	1.26	1.30
S527	32.17	33.17	1	0.06	0.62	0.68
S527	33.17	34.17	1	0.18	1.65	1.83
S527	34.17	35.17	1	0.19	1.67	1.86
S527	35.17	36.17	1	6.27	4.74	11.01
S527	36.17	37.17	1	0.56	3.79	4.35
S527	37.17	38.17	1	0.01	2.83	2.85
S527	38.17	39.17	1	0.00	1.89	1.89
S527	39.17	40.17	1	0.02	2.05	2.07
S527	40.17	41.17	1	0.02	1.79	1.81
S527	41.17	42.17	1	0.00	0.81	0.81
S527	42.17	43.17	1	0.00	0.66	0.66
S527	43.17	44.17	1	0.00	0.53	0.53
S527	44.17	45.17	1	0.00	2.53	2.53
S527	45.17	46.17	1	0.00	2.21	2.21
S527	46.17	47.17	1	0.00	1.22	1.22
S527	47.17	48.17	1	0.00	0.21	0.21
S527	48.17	49.17	1	0.00	0.36	0.36
GGR018	59.65	60.65	1	3.00	8.42	11.42
GGR022	61.29	62.29	1	0.01	0.54	0.55
GGR024	72.12	73.12	1	0.17	0.08	0.25
GGR025A	120.21	121.21	1	2.83	0.01	2.84
GGR026	82.34	83.34	1	0.17	0.52	0.69
GGR027	48.1	49.1	1	0.62	0.13	0.75
GGR032	94.8	95.8	1	1.40	0.01	1.41
GGR036	49.94	50.94	1	0.32	0.27	0.59
GGR039A	98.54	99.54	1	1.35	0.02	1.37
GGR040	79.55	80.55	1	0.57	0.44	1.01
GGR079	33.37	34.37	1	1.27	1.00	2.27
GGR102	99.31	100.31	1	0.10	0.03	0.14
GGR125	64.2	65.2	1	1.47	0.53	2.00
GGR130	60.62	61.62	1	0.29	0.47	0.76
GGR133	56.18	57.18	1	0.01	0.41	0.42
GGR169	58.63	59.63	1	0.25	0.48	0.73
GGR169	60.63	61.63	1	0.30	3.10	3.40
GGR170	28.53	29.53	1	0.25	0.25	0.50
GGR172	33.82	34.82	1	2.31	2.03	4.34
GGR173	44.61	45.61	1	0.20	0.42	0.62
GGR177	85.55	86.55	1	0.16	0.45	0.61
GGR178	58.45	59.45	1	0.50	0.44	0.94
GGR179	59.75	60.75	1	0.41	0.51	0.92
GGR181	56.97	57.97	1	0.67	0.19	0.86
GGR182	62.36	63.36	1	0.56	0.55	1.11
GGR183	63.23	64.23	1	0.98	0.27	1.25
GGR191	52.87	53.87	1	0.01	0.41	0.42

**ACADIAN MINING CORP.****Table A-2: Getty Resource Estimate - December 2007****Listing of 1 Meter Assay Composites**

Hole ID	From (m)	To (m)	Length (m)	Pb %	Zn %	Pb % + Zn %
GGR208	105.37	106.37	1	2.10	0.65	2.75
GGR214	67.72	68.72	1	0.27	0.95	1.22
GGR215	68.47	69.47	1	3.45	1.48	4.93
S527	49.17	50.17	1	0.00	0.46	0.46



**ACADIAN MINING CORP.**
**Table A-3: Getty Resource Estimate - December 2007**
**Nearest Neighbour Drill Hole Intercepts Sorted By - Length (m) x (Zn% +Pb%) Factor**

Hole Id	From (m)	To (m)	Length (m)	Zn (%)	Pb (%)	Zn % + Pb %	Length (m) x (Zn% + Pb%)
GGR018	87.50	90.50	3.00	1.22	0.11	1.33	3.99
GGR019	91.80	95.06	3.26	0.22	1.21	1.43	4.66
GGR172	58.83	61.83	3.00	0.01	1.67	1.68	5.04
GGR231	78.03	82.78	4.75	0.70	0.67	1.37	6.51
S527	17.53	28.86	11.33	0.47	0.21	0.68	7.70
GGR221	94.31	99.61	5.30	0.82	0.69	1.51	8.00
GGR022	122.71	125.71	3.00	0.01	2.86	2.87	8.61
GGR102	22.86	29.32	6.46	0.45	0.99	1.44	9.30
GGR124	71.55	79.76	8.21	0.56	0.61	1.17	9.61
GGR113A	61.72	68.03	6.31	1.32	0.25	1.57	9.91
GGR178	23.10	29.90	6.80	0.56	0.90	1.46	9.93
GGR025A	27.37	33.53	6.16	0.77	1.08	1.85	11.40
GGR039A	35.39	43.13	7.74	1.28	0.31	1.59	12.31
GGR182	71.69	81.20	9.51	0.79	0.64	1.43	13.60
GGR230	26.82	38.53	11.71	1.11	0.09	1.20	14.05
GGR220	39.94	50.00	10.06	0.53	0.87	1.40	14.08
GGR222	26.82	35.66	8.84	0.46	1.18	1.64	14.50
GGR177	32.61	44.81	12.20	0.55	0.72	1.27	15.49
GGR040	28.35	41.03	12.68	0.52	0.83	1.35	17.12
GGR026	56.65	59.70	3.05	5.18	1.00	6.18	18.85
GGR116	44.10	60.96	16.86	0.94	0.18	1.12	18.88
GGR179	28.32	41.15	12.83	0.45	1.07	1.52	19.50
GGR021	42.06	49.68	7.62	2.29	0.56	2.85	21.72
GGR037	35.97	57.30	21.33	0.49	0.56	1.05	22.40
GGR215	26.00	38.77	12.77	0.59	1.20	1.79	22.86
GGR032	70.12	73.12	3.00	2.85	4.87	7.72	23.16
GGR158	65.53	81.47	15.94	0.56	0.91	1.47	23.43
GGR038	65.47	68.64	3.17	2.25	5.17	7.42	23.52
GGR036	27.58	62.48	34.90	0.63	0.05	0.68	23.73
GGR094	22.56	48.25	25.69	0.86	0.07	0.93	23.89
GGR024	26.82	34.14	7.32	1.36	2.05	3.41	24.96
GGR093	31.10	48.45	17.35	0.74	0.77	1.51	26.20
GGR027	43.29	61.59	18.30	1.21	0.24	1.45	26.54
GGR079	29.87	53.04	23.17	1.06	0.15	1.21	28.04
S526	80.07	87.48	7.41	2.23	1.62	3.85	28.53
GGR209	109.73	119.48	9.75	1.33	1.68	3.01	29.35
GGR130	27.44	49.85	22.41	1.06	0.26	1.32	29.58
GGR183	21.52	38.16	16.64	1.53	0.26	1.79	29.79
GGR103	32.25	54.25	22.00	1.11	0.28	1.39	30.58
GGR170	30.18	56.39	26.21	1.17	0.02	1.19	31.19
GGR193	36.58	64.31	27.73	0.57	0.58	1.15	31.89
GGR211	65.44	85.95	20.51	1.17	0.46	1.63	33.43
GGR167	25.45	39.20	13.75	0.58	2.08	2.66	36.58
GGR206	71.34	82.62	11.28	1.80	1.49	3.29	37.11
GGR192	40.36	62.64	22.28	1.22	0.63	1.85	41.22
GGR035A	46.65	83.51	36.86	0.82	0.32	1.14	42.02
GGR166	36.21	66.20	29.99	1.28	0.24	1.52	45.58
GGR173	41.45	58.67	17.22	1.40	1.37	2.77	47.70
GGR136	40.75	60.05	19.30	1.48	1.08	2.56	49.41

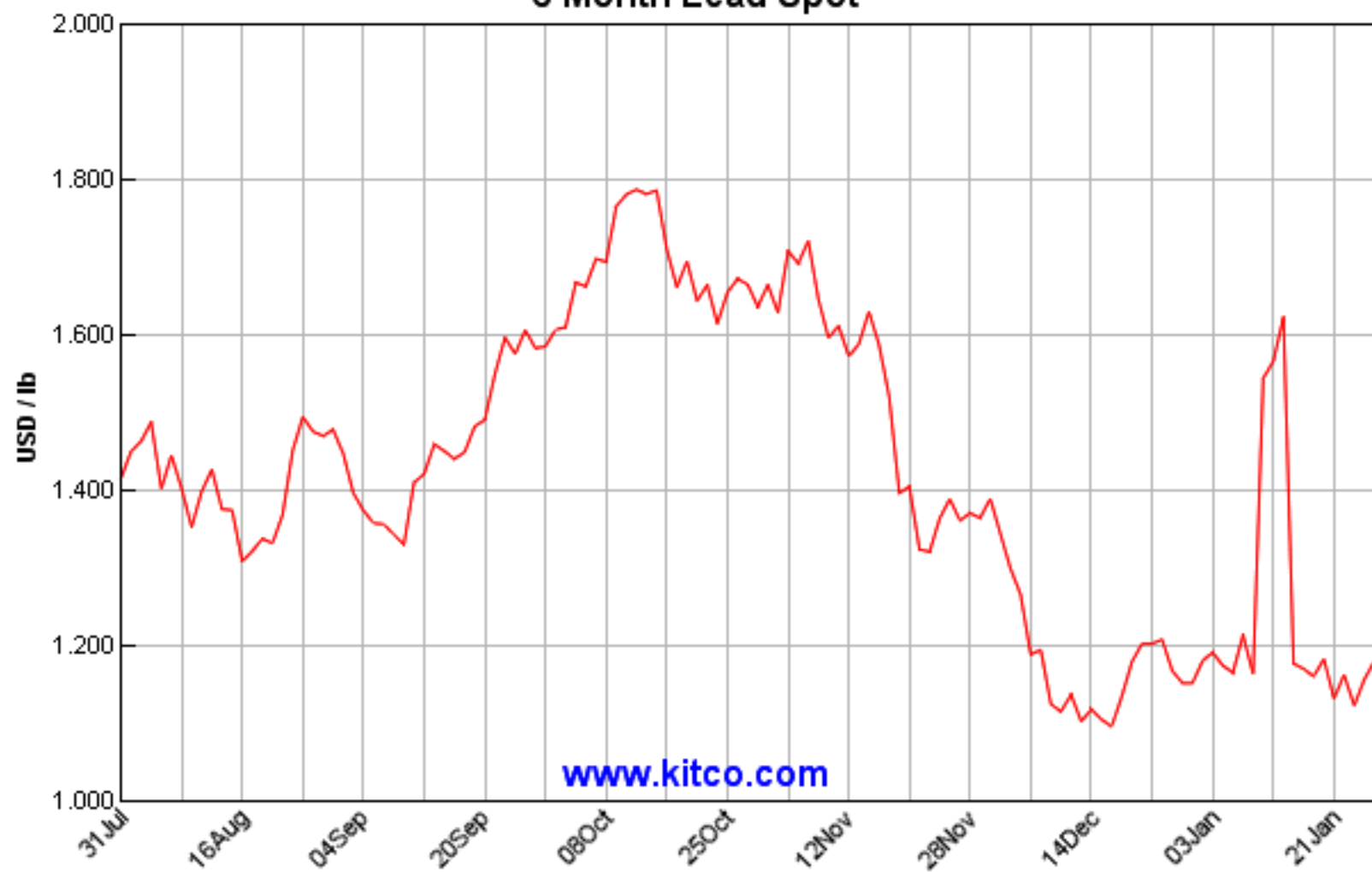
**ACADIAN MINING CORP.****Table A-3: Getty Resource Estimate - December 2007****Nearest Neighbour Drill Hole Intercepts Sorted By - Length (m) x (Zn% +Pb%) Factor**

Hole Id	From (m)	To (m)	Length (m)	Zn (%)	Pb (%)	Zn % + Pb %	Length (m) x (Zn% + Pb%)
GGR157	30.54	65.23	34.69	1.06	0.37	1.43	49.61
GGR219	46.63	60.78	14.15	0.47	3.10	3.57	50.52
GGR214	44.20	64.31	20.11	1.57	0.95	2.52	50.68
GGR126	120.21	130.18	9.97	0.09	5.15	5.24	52.24
GGR169	39.62	60.66	21.04	1.43	1.16	2.59	54.49
GGR181	25.00	58.54	33.54	1.42	0.28	1.70	57.02
GGR081	20.17	49.24	29.07	1.71	0.30	2.01	58.43
GGR208	98.37	105.70	7.33	2.67	5.36	8.03	58.86
GGR213	45.16	61.62	16.46	3.10	0.97	4.07	66.99
GGR176	39.94	60.76	20.82	1.52	1.89	3.41	71.00
GGR191	29.50	63.40	33.90	1.86	0.27	2.13	72.21
GGR217	18.11	45.72	27.61	1.35	1.40	2.75	75.93
GGR216	96.62	121.34	24.72	1.72	1.50	3.22	79.60
GGR135	38.10	66.60	28.50	1.53	1.33	2.86	81.51
GGR096	47.55	85.65	38.10	1.04	1.16	2.20	83.82
GGR125	58.54	98.60	40.06	0.92	1.33	2.25	90.14
GGR133	22.83	56.60	33.77	2.17	0.52	2.69	90.84
GGR129	40.23	63.40	23.17	2.21	2.07	4.28	99.17

**Table A-4: Getty Resource Estimate - 2007**  
**Lithocode Summary**

<b>Lithocode</b>	<b>Primary Rock Description</b>	<b>Primary Modifier</b>	<b>Description</b>	<b>Secondary Modifier</b>	<b>Description</b>
OB	Overburden	GYP	gypsiiferous	LM	Limestone
LM	Limestone	MA	massive	DOL	Dolostone
DOL	Dolostone	FOL	foliated	GYP	Gypsum
GYP	Gypsum	FS	fossiliferous	ANH	Anhydrite
ANH	Anhydrite	IMP	impure	G	Greywacke
G	Greywacke	BIOT	bioturbated	A	Argillite
A	Argillite	LAM	laminated	VD	Void/Cavity
VD	Void/Cavity	TB	thin bedded	SS	Sandstone
SS	Sandstone			SLT	Siltstone
SLT	Siltstone			MST	Mudstone
MST	Mudstone			CGL	Conglomerate
CGL	Conglomerate				
BX	Breccia				

### 6 Month Lead Spot



## 6 Month Zinc Spot



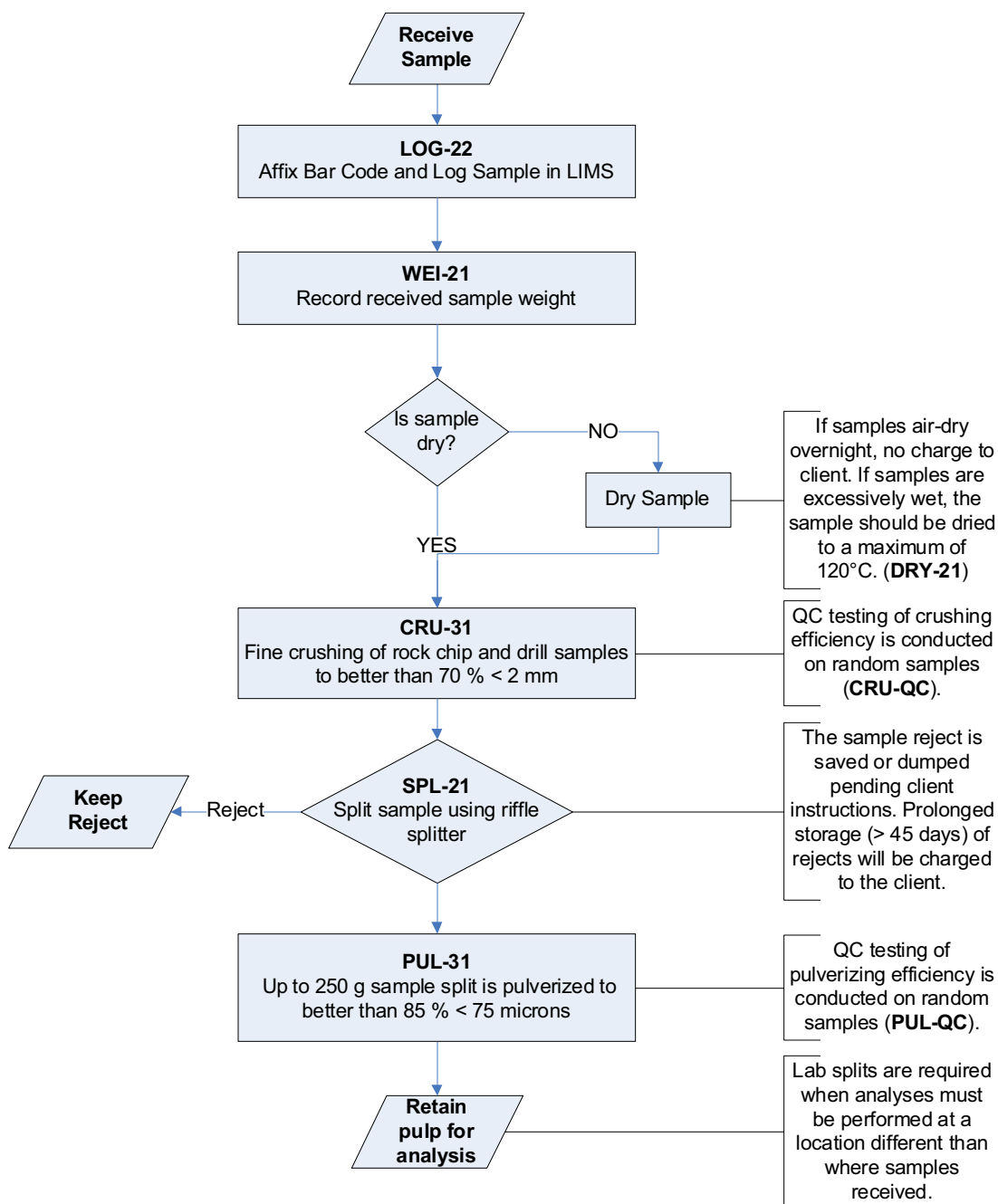
**Sample Preparation Package – PREP-31****Standard Sample Preparation: Dry, Crush, Split and Pulverize**

Sample preparation is the most critical step in the entire laboratory operation. The purpose of preparation is to produce a homogeneous analytical sub-sample that is fully representative of the material submitted to the laboratory.

The sample is logged in the tracking system, weighed, dried and finely crushed to better than 70 % passing a 2 mm (Tyler 9 mesh, US Std. No.10) screen. A split of up to 250 g is taken and pulverized to better than 85 % passing a 75 micron (Tyler 200 mesh, US Std. No. 200) screen. This method is appropriate for rock chip or drill samples.

<b>Method Code</b>	<b>Description</b>
LOG-22	Sample is logged in tracking system and a bar code label is attached.
CRU-31	Fine crushing of rock chip and drill samples to better than 70 % of the sample passing 2 mm.
SPL-21	Split sample using riffle splitter.
PUL-31	A sample split of up to 250 g is pulverized to better than 85 % of the sample passing 75 microns.

## Flow Chart - Sample Preparation Package – PREP-31 Standard Sample Preparation: Dry, Crush, Split and Pulverize



**Ore Grade Analysis by XRF – ME-XRF10**

**Sample Decomposition:** 50%  $\text{Li}_2\text{B}_4\text{O}_7$  – 50%  $\text{LiBO}_2$  (WEI-GRA06)  
**Analytical Method:** X-Ray Fluorescence Spectroscopy (XRF)

A calcined or ignited sample (0.9 g) is added to 9.0g of Lithium Borate Flux (50 % - 50 %  $\text{Li}_2\text{B}_4\text{O}_7$  –  $\text{LiBO}_2$ ), mixed well and fused in an auto fluxer between 1050 - 1100°C. A flat molten glass disc is prepared from the resulting melt. This disc is then analysed by X-ray fluorescence spectrometry.

Element	Symbol	Units	Lower Limit	Upper Limit
Barium	Ba	%	0.01	50
Niobium	Nb	%	0.01	10
Antimony	Sb	%	0.01	50
Tin	Sn	%	0.01	60
Tantalum	Ta	%	0.01	50
Thorium	Th	%	0.01	15
Uranium	U	%	0.01	15
Tungsten	W	%	0.01	50
Zirconium	Zr	%	0.01	50





Elements listed below are available upon request

Element	Symbol	Units	Lower Limit	Upper Limit
Iron	$\text{Fe}_2\text{O}_3$	%	0.01	100
Potassium	$\text{K}_2\text{O}$	%	0.01	100
Magnesium	$\text{MgO}$	%	0.01	100
Sodium	$\text{Na}_2\text{O}$	%	0.01	100

**Assay Procedure – ME-OG62****Ore Grade Elements by Four Acid Digestion Using Conventional ICP-AES Analysis**

**Sample Decomposition:** HNO<sub>3</sub>-HClO<sub>4</sub>-HF-HCl Digestion (ASY-4A01)  
**Analytical Method:** Inductively Coupled Plasma - Atomic Emission Spectroscopy (ICP - AES)\*

Assays for the evaluation of ores and high-grade materials are optimized for accuracy and precision at high concentrations. Ultra high concentration samples (> 15 -20%) may require the use of methods such as titrimetric and gravimetric analysis, in order to achieve maximum accuracy.

A prepared sample is digested with nitric, perchloric, hydrofluoric, and hydrochloric acids, and then evaporated to incipient dryness. Hydrochloric acid and de-ionized water is added for further digestion, and the sample is heated for an additional allotted time. The sample is cooled to room temperature and transferred to a volumetric flask (100 mL). The resulting solution is diluted to volume with de-ionized water, homogenized and the solution is analyzed by inductively coupled plasma - atomic emission spectroscopy or by atomic absorption spectrometry.

**\*NOTE:** ICP-AES is the default finish technique for ME-OG62. However, under some conditions and at the discretion of the laboratory an AA finish may be substituted. The certificate will clearly reflect which instrument finish was used.

Element	Symbol	Units	Lower Limit	Upper Limit
Silver	Ag	ppm	1	1500
Arsenic	As	%	0.01	30
Bismuth	Bi	%	0.01	30
Cadmium	Cd	%	0.0001	10
Cobalt	Co	%	0.001	20
Chromium	Cr	%	0.002	30



Element	Symbol	Units	Lower Limit	Upper Limit
Copper	Cu	%	0.01	40
Iron	Fe	%	0.01	100
Manganese	Mn	%	0.01	50
Molybdenum	Mo	%	0.001	10
Nickel	Ni	%	0.01	30
Lead	Pb	%	0.01	20
Zinc	Zn	%	0.01	30

## **Eastern Analytical Ltd. Preparation and Analytical Procedures**

### SAMPLE PREPARATION

#### ROCK/CORE

Samples are organized and labeled when they enter the lab. They are then placed in drying ovens until they are completely dry.

After drying is complete samples are taken and crushed in a Rhino Jaw Crusher to approximately 75% -10 mesh material.

The complete sample is rifle split until we are left with approximately 250 – 300 grams of material. The remainder of the sample is bagged and stored as coarse reject.

The 250 – 300 gram split is then pulverized using a ring mill to approximately 98% -150 mesh material.

#### SOILS/STREAMS/SILTS

Soils are dried at 90°F. They are then pounded with a rubber mallet in the soil bag. Then the soil is screened through a 80 mesh screen. The -80 fraction is rolled and kept as the sample. The +80 mesh fraction is discarded.

### ASSAY PROCEDURE FOR CU/PB/ZN/NI/CO

A 0.200g sample is digested in a beaker with 10ml of nitric acid and 5ml of hydrochloric acid for 45 minutes. Samples are then transferred to 100ml volumetric flasks and then analyzed on the AA.

Lower detection limit is 0.01%, no upper detection limit.

### ASSAY PROCEDURE FOR AG

A 1000mg sample is digested in a 500ml beaker with 10ml of hydrochloric acid and 10ml of nitric acid with the cover left on for 1 hour. Remove the covers and evaporate to a moist paste. Add 25ml of hydrochloric acid and 25ml of deionized water, heat gently and swirl to dissolve solids. Cool, transfer to 100ml Volumetric and analyze on the AA. Lower detection limit is 0.01oz/t, no upper detection limit.

### PROCEDURE FOR AR-ICP30

Each rack is to contain one blank, two CanMet standards and 37 unknowns, of which two will be duplicates.

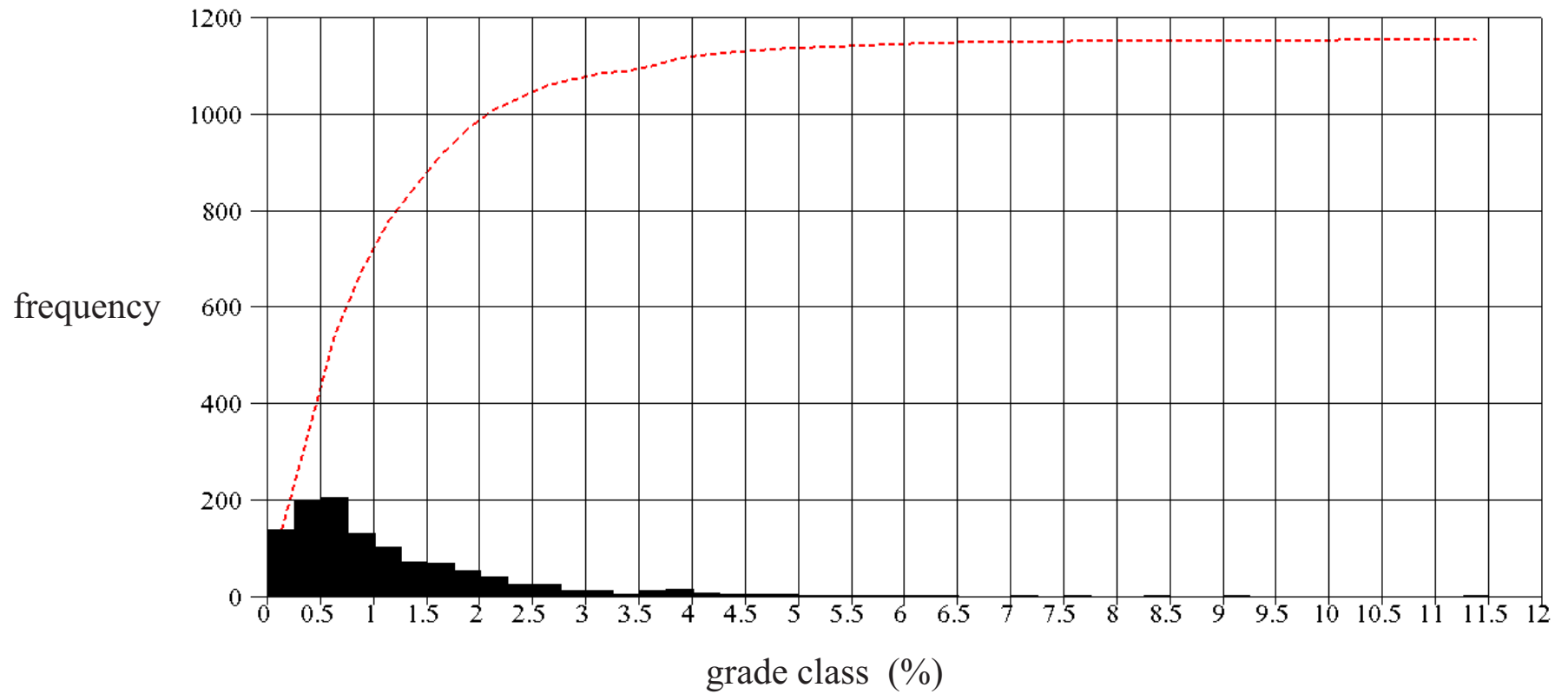
A 0.500 gram sample is digested with 2ml HNO<sub>3</sub> in a 95°C water bath for ½ hour, after which 1ml HCL is added and the samples is returned to the water bath for an additional ½ hour. After cooling, samples are diluted to 10ml with deionized water, stirred and let stand for 1 hour to allow precipitate to settle. They are now prepared for ICP analysis.

Updated January 25, 2008

## **Appendix 3: Resource Estimate Support Documents**

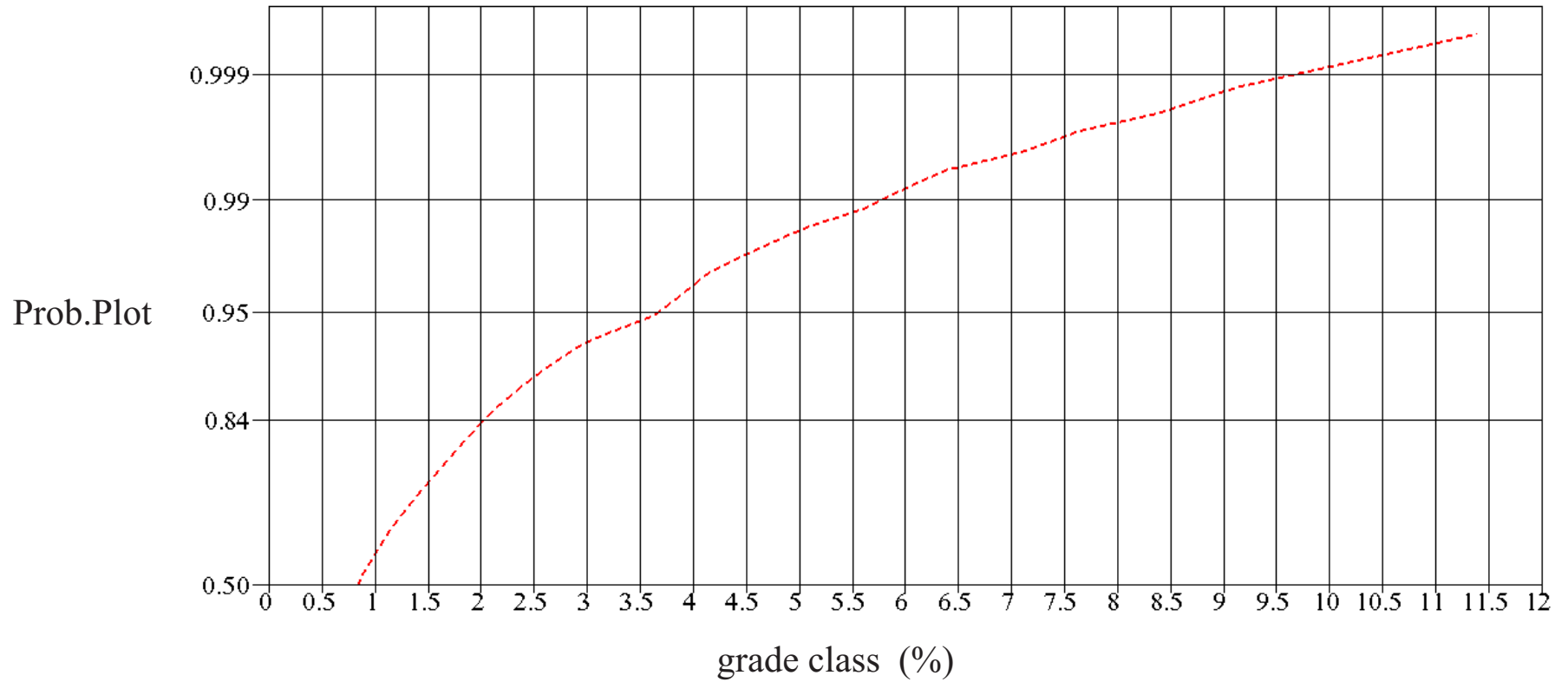
### **Histograms and Cumulative Frequency Plots**

## Cumulative Frequency of Zn Grade in 1 m Composites



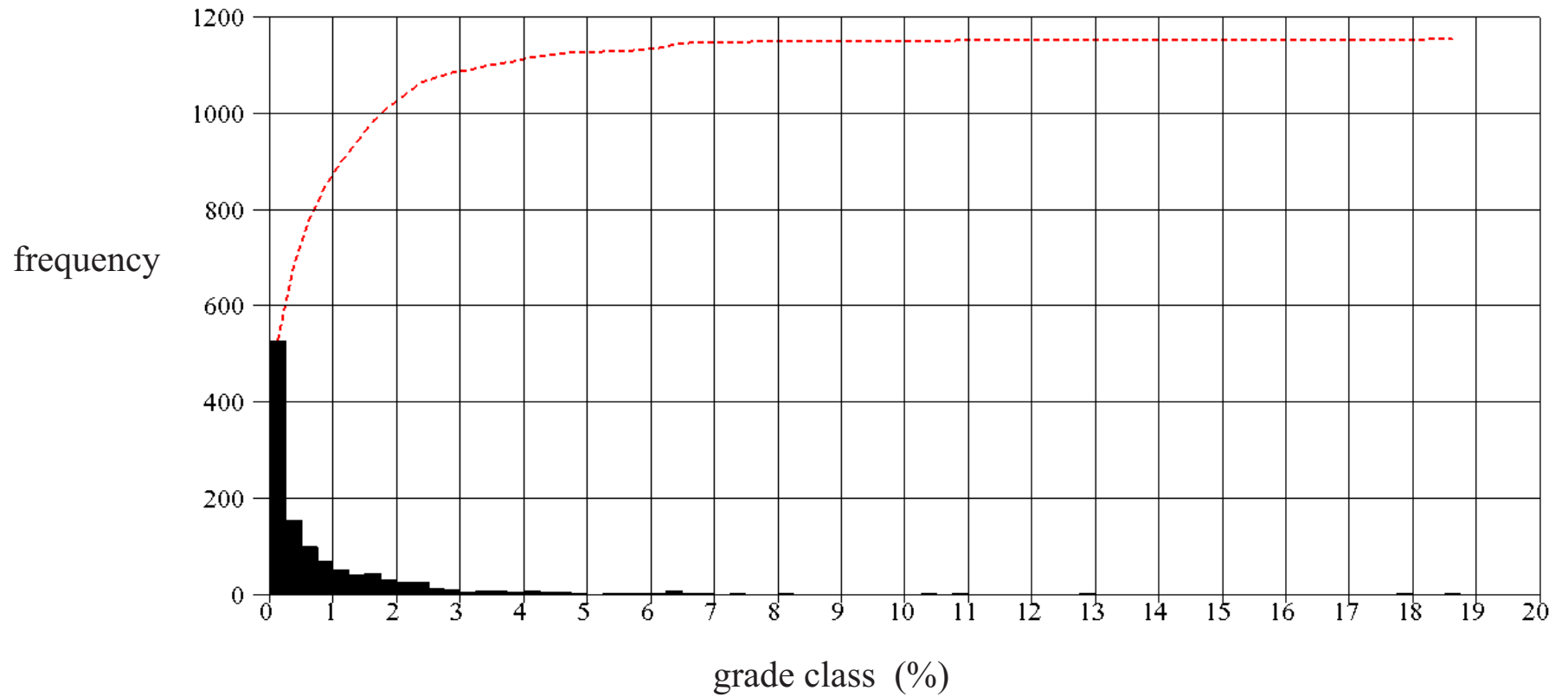
Zn Composite Grade (n=1154)

## Probability Plot of Zn Grade in 1 m Composites



Zn Composite Grade ( n=1154)

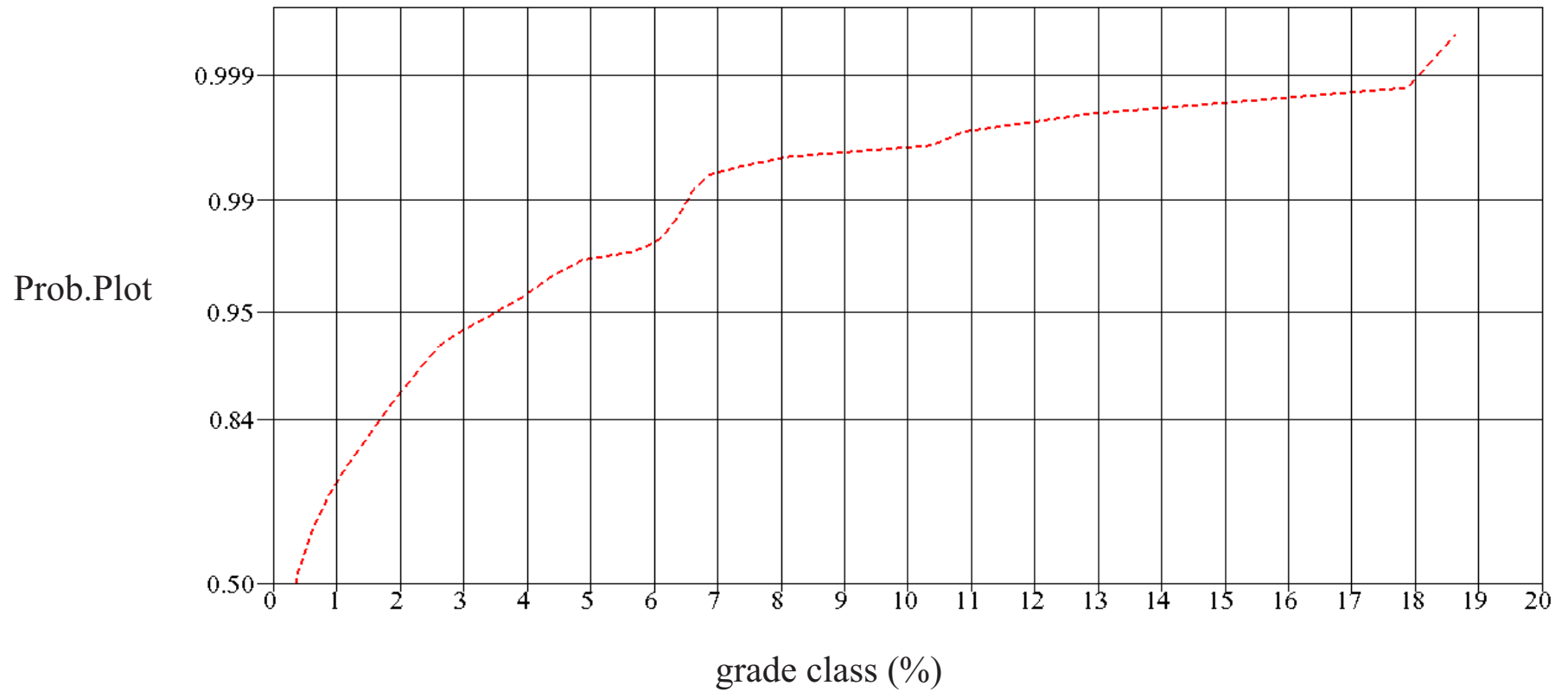
## Cumulative Frequency of Pb Grade in 1 m Composites



Pb Composite Grade (n=1154)



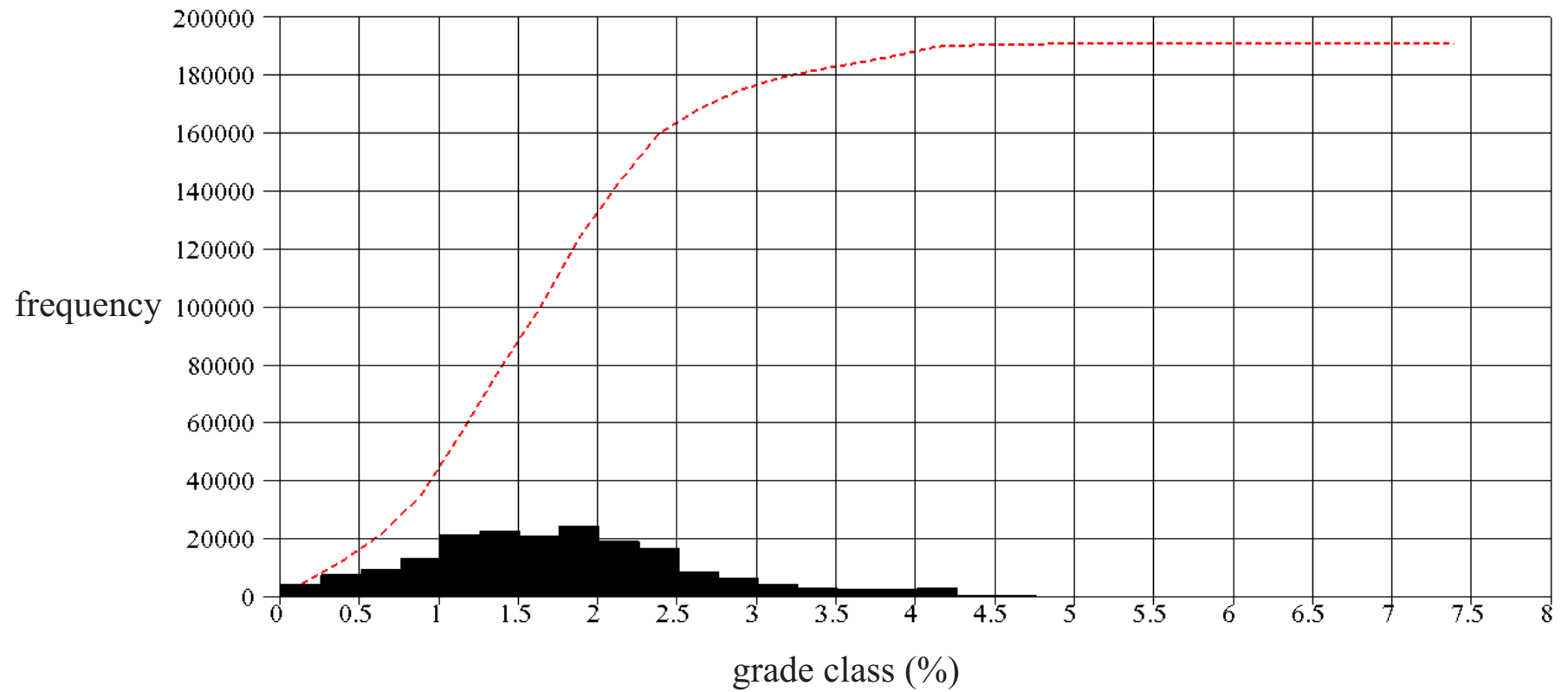
## Probability Plot of Pb Grade in 1 m Composites



Pb Composite Grade ( n=1154)

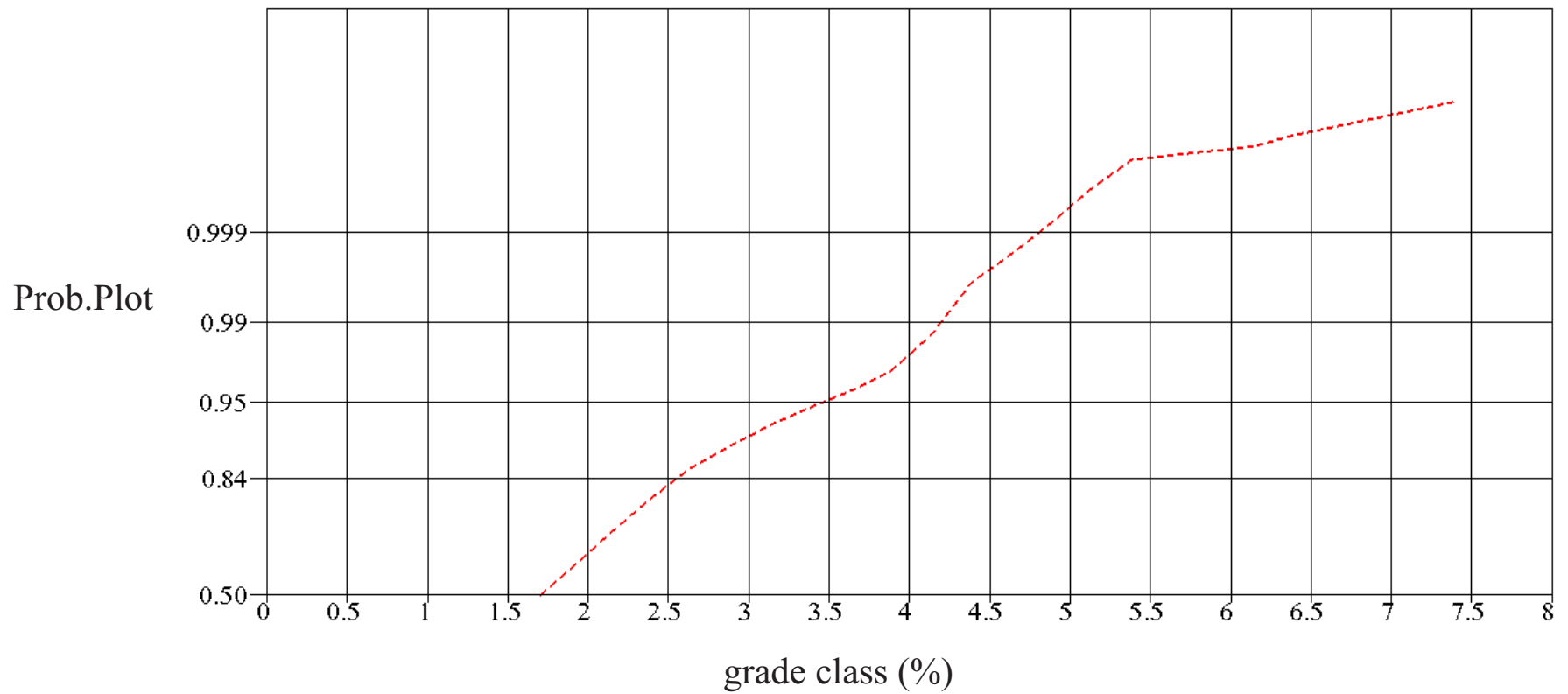
## Cumulative Frequency of Zn Block Grades 2% Zn + Pb Minimum Threshold

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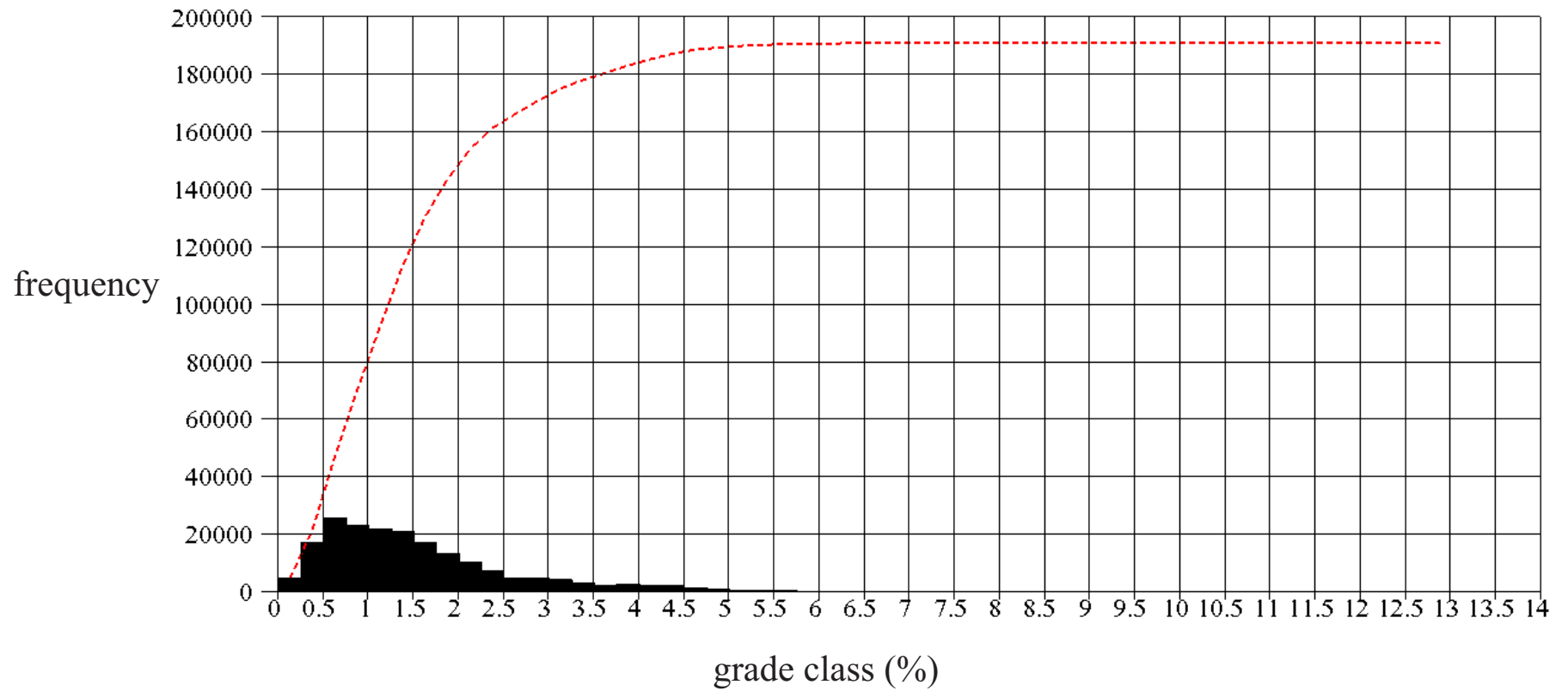
Zn Block Grade (n=190826)

Probability Plot of Zn Block Grades  
2% Zn + Pb Minimum Threshold



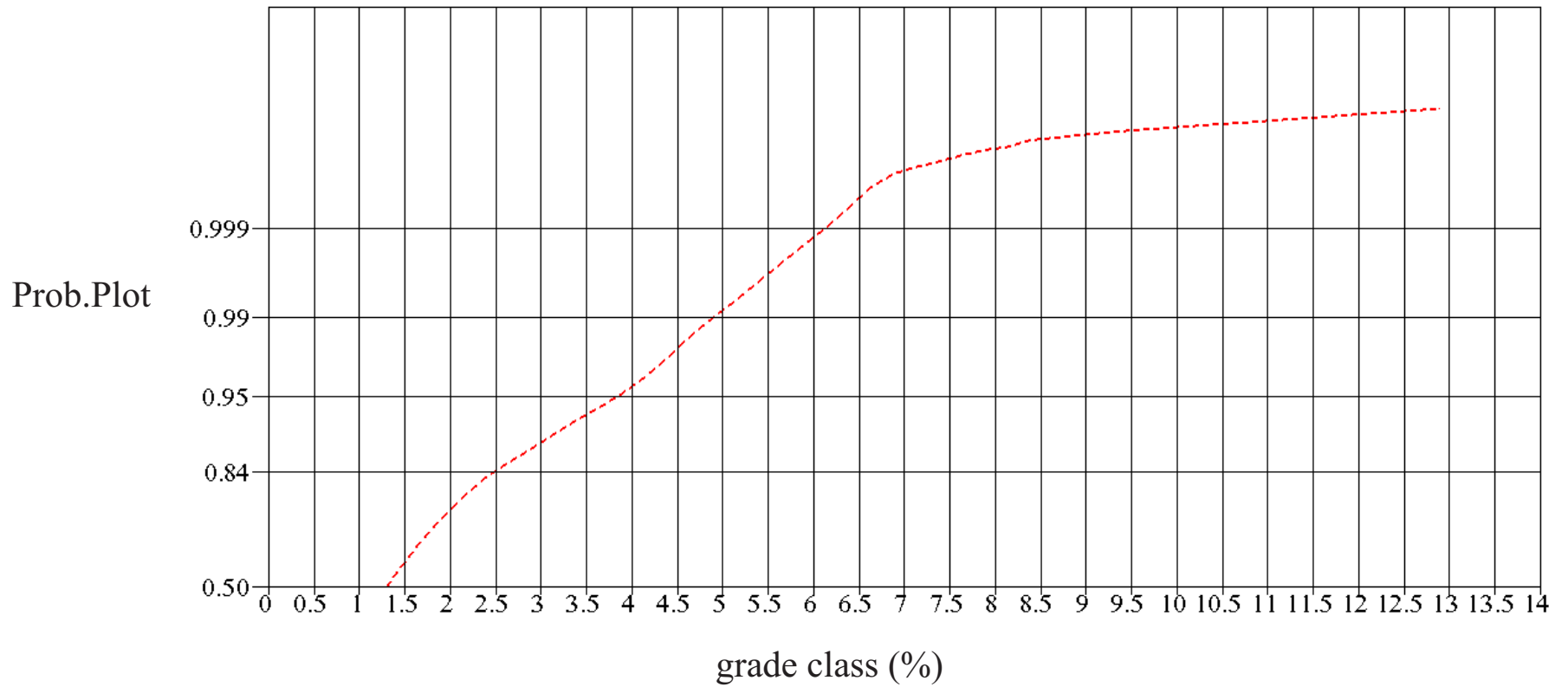
Zn Block Grade (n=190826)

Cumulative Frequency of Pb Block Grades  
2% Zn + Pb Minimum Threshold



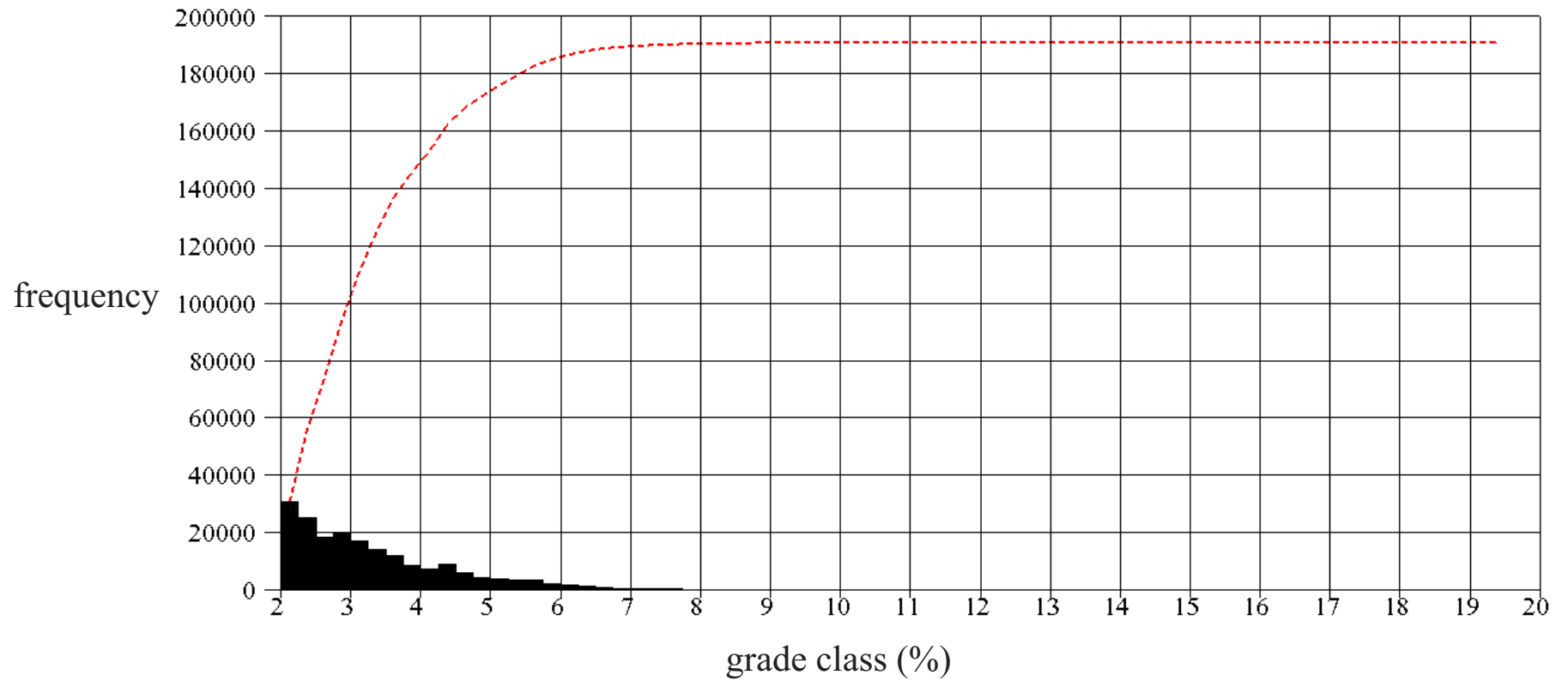
Pb Block Grade (n=190826)

Probability Plot of Pb Block Grades  
2% Zn + Pb Minimum Threshold



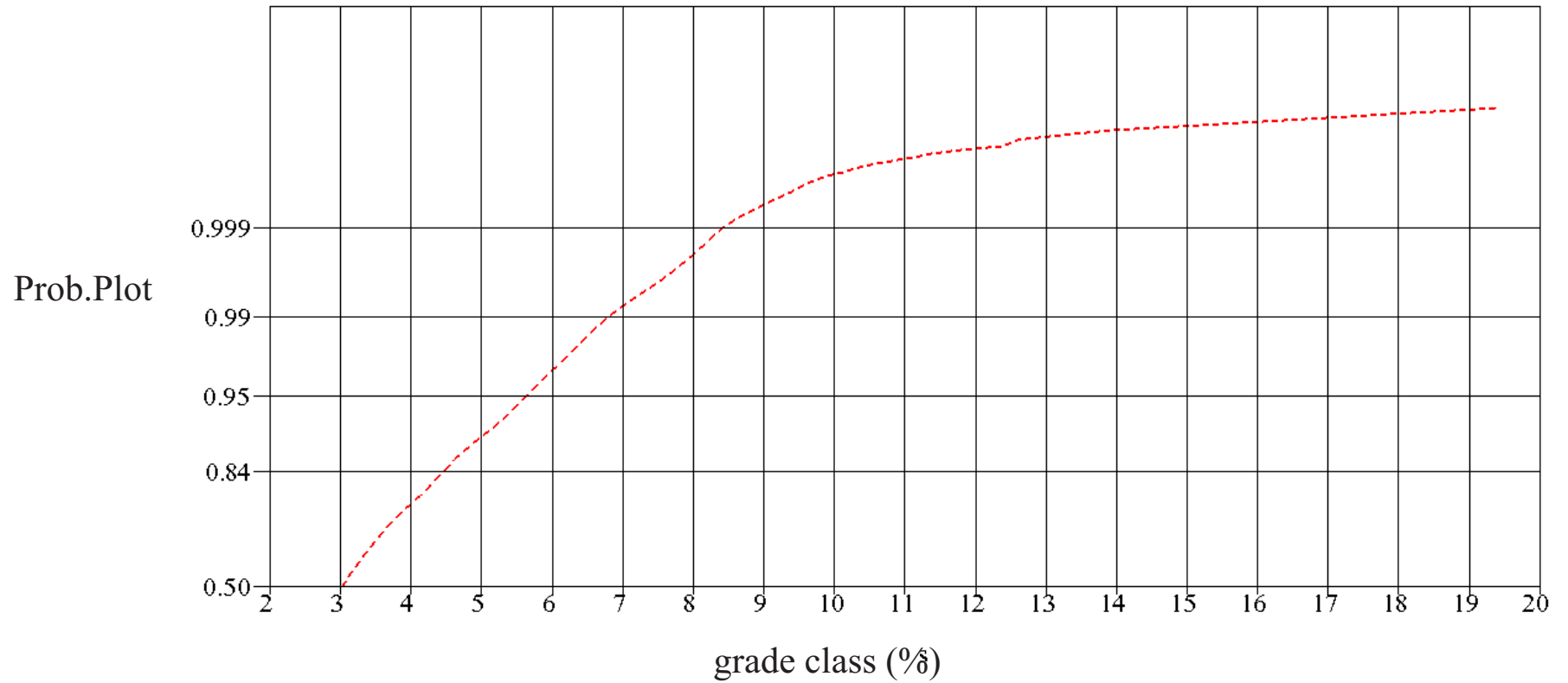
Pb Block Grade (n=190826)

Cumulative Frequency of Zn Equivalent Block Grades  
2% Zn + Pb Minimum Threshold



Zn Equivalent Block Grade (n=190826)

Probability Plot of Zn Equivalent Block Grades  
2% Zn + Pb Minimum Threshold

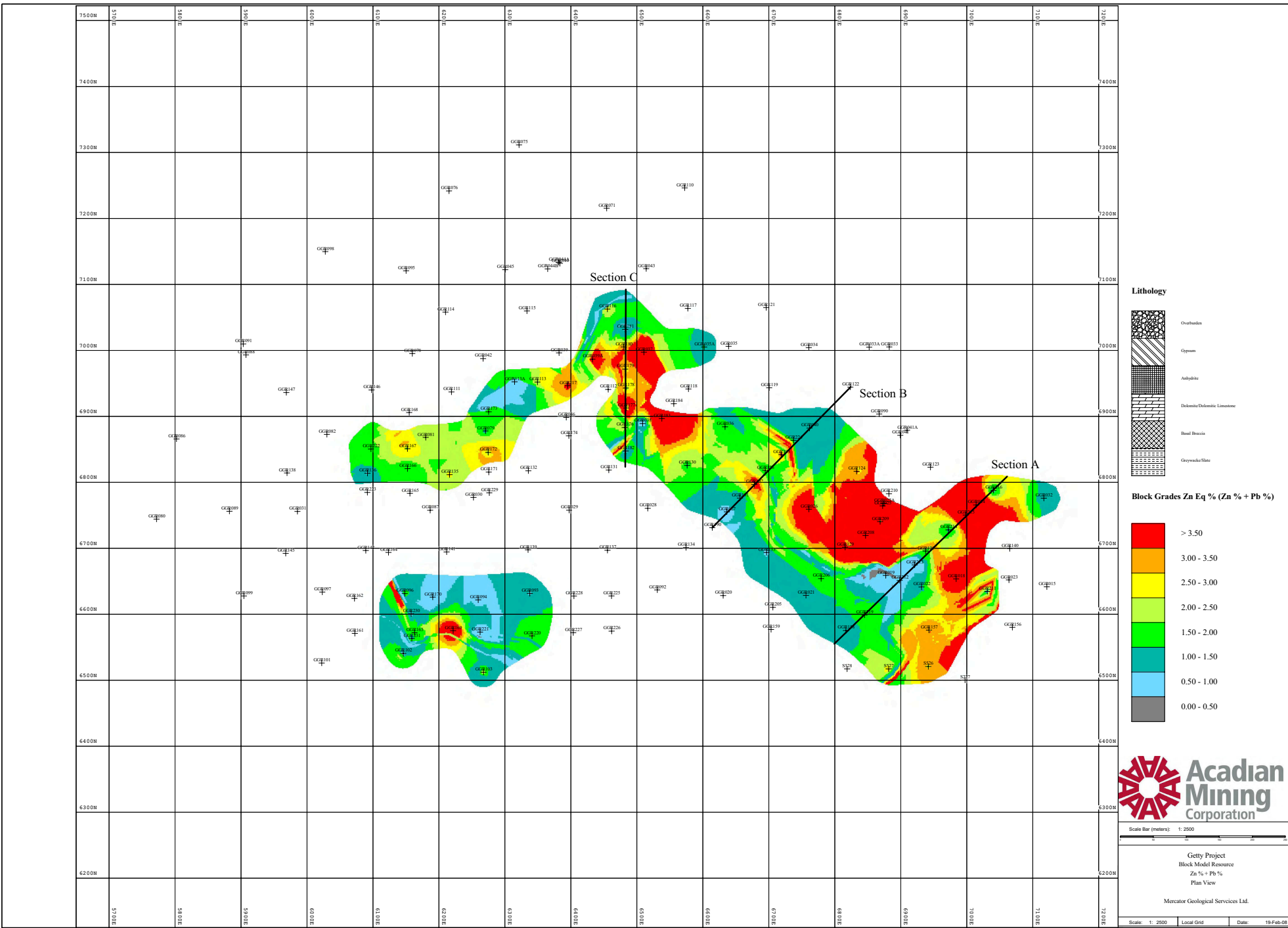


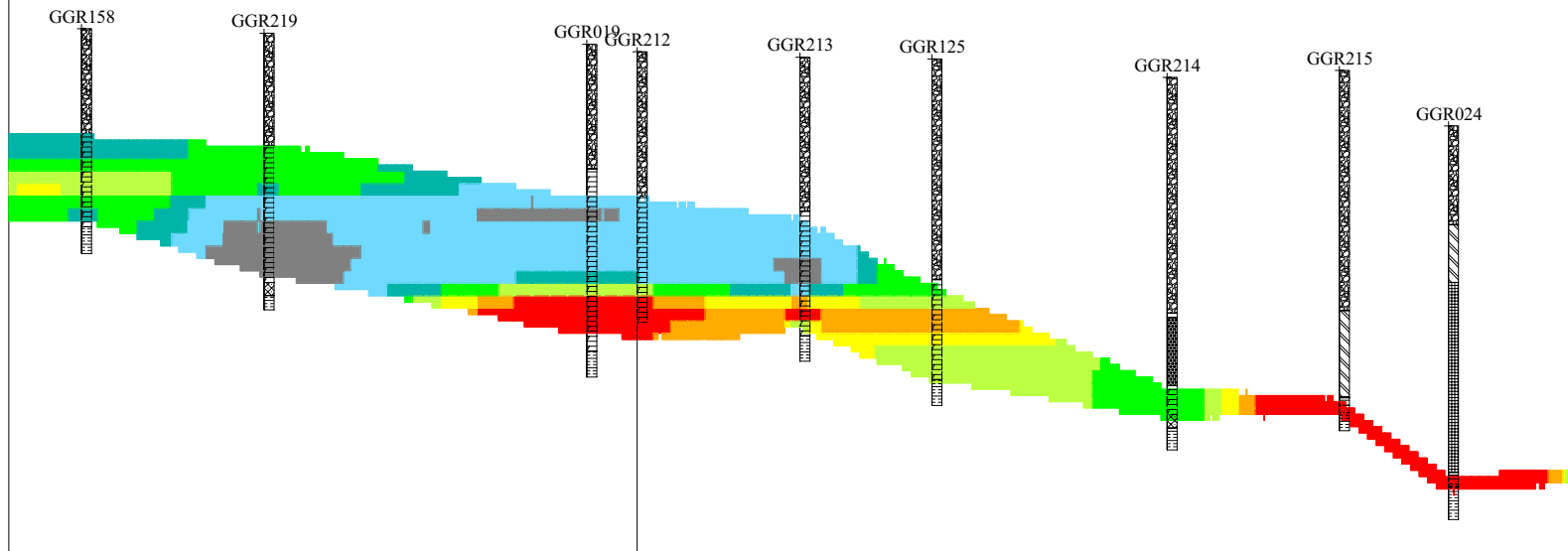
Zn Equivalent Block Grade (n=190826)

## **Appendix 4: Resource Estimate Plans and Sections**

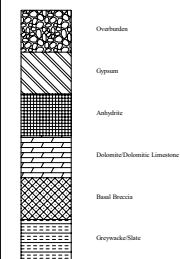
### **Block Model Cross Sections and Level Plans Drill Hole Location Plan**



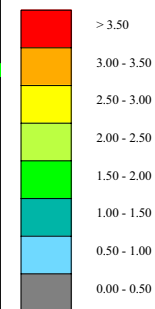




#### Lithology



#### Block Grades Zn Eq % (Zn % + Pb %)



Scale Bar (meters): 1: 500

Getty Project  
Block Model Resource  
Zn % + Pb %  
Section A

Mercator Geological Services Ltd.

Scale: 1: 500    Local Grid    Date: 20-Feb-08

Block 1000\_3

GGR190

GGR027

GGR191

GGR192

GGR126

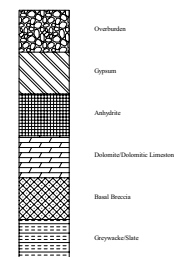
GGR193

GGR224

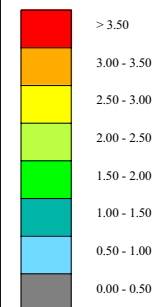
GGR040

GGR122

## Lithology



## Block Grades Zn Eq % (Zn % + Pb %)

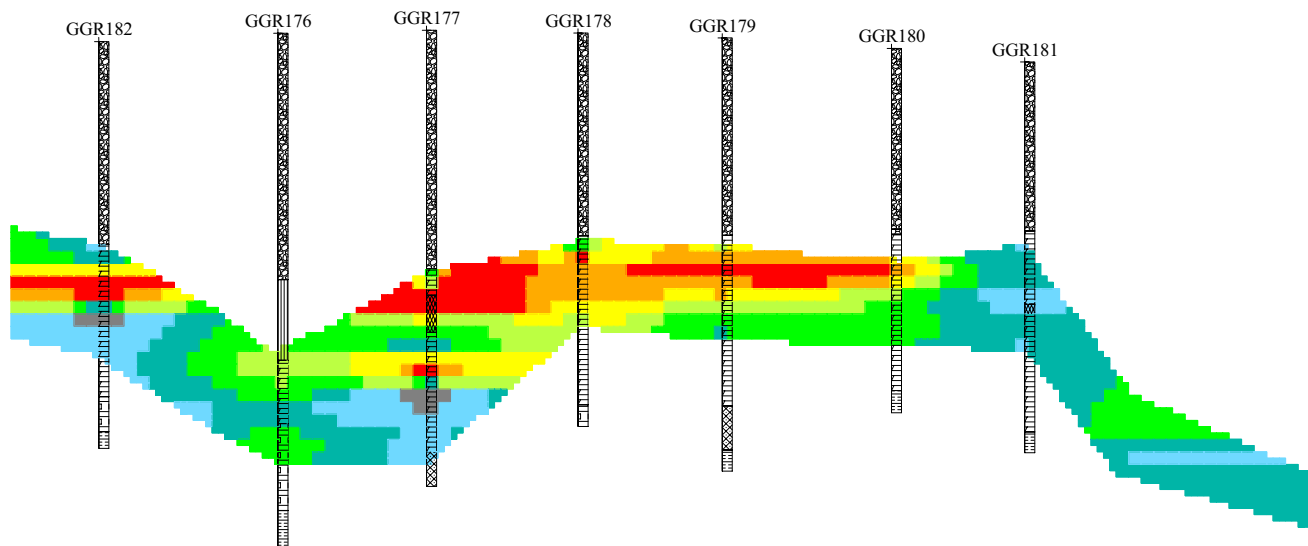


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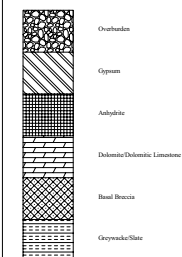
Getty Project  
Block Model Resource  
Zn % + Pb %  
Section B

Mercator Geological Services Ltd.

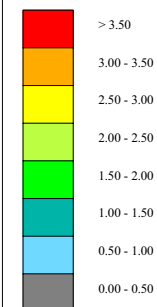
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#### Lithology



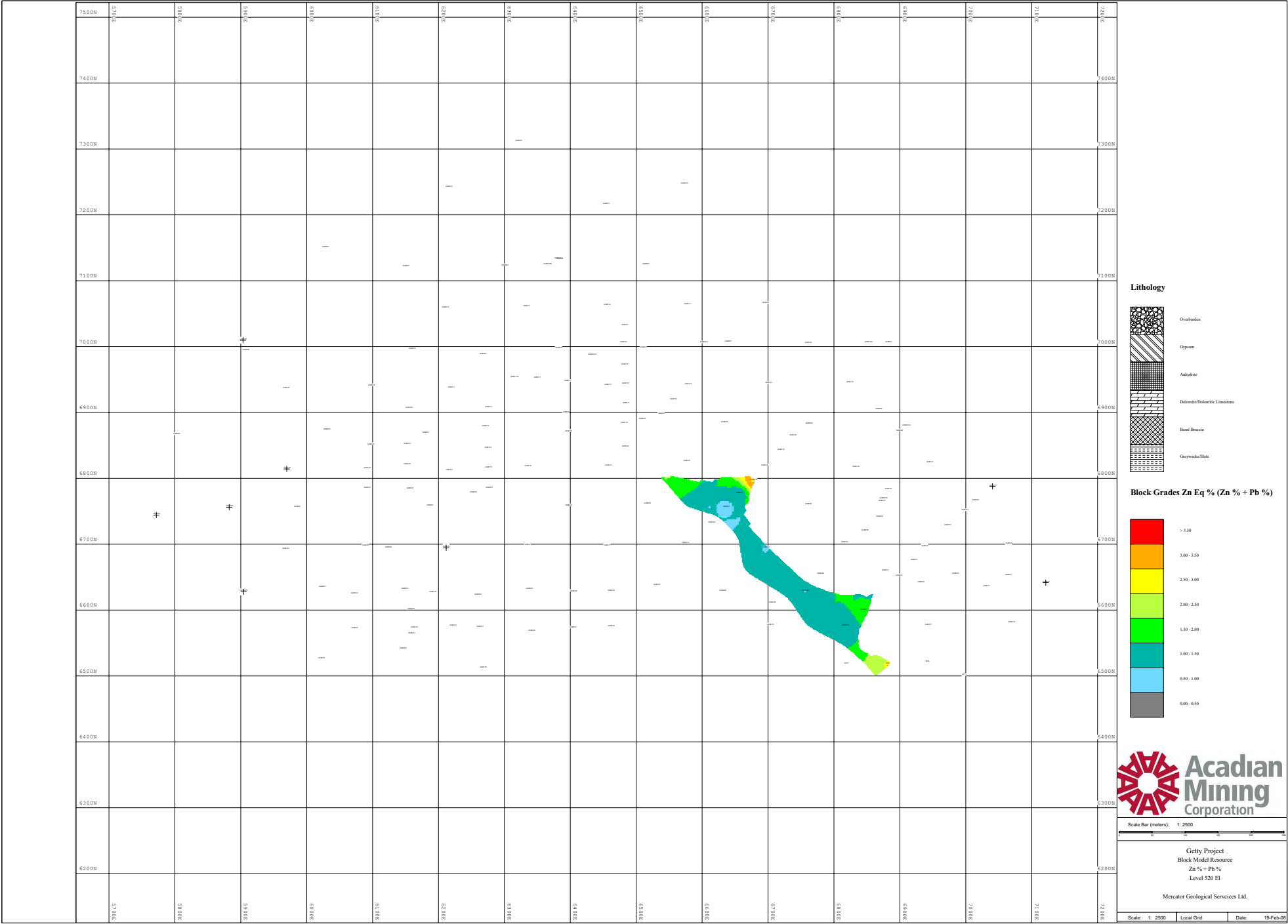
#### Block Grades Zn Eq % (Zn % + Pb %)

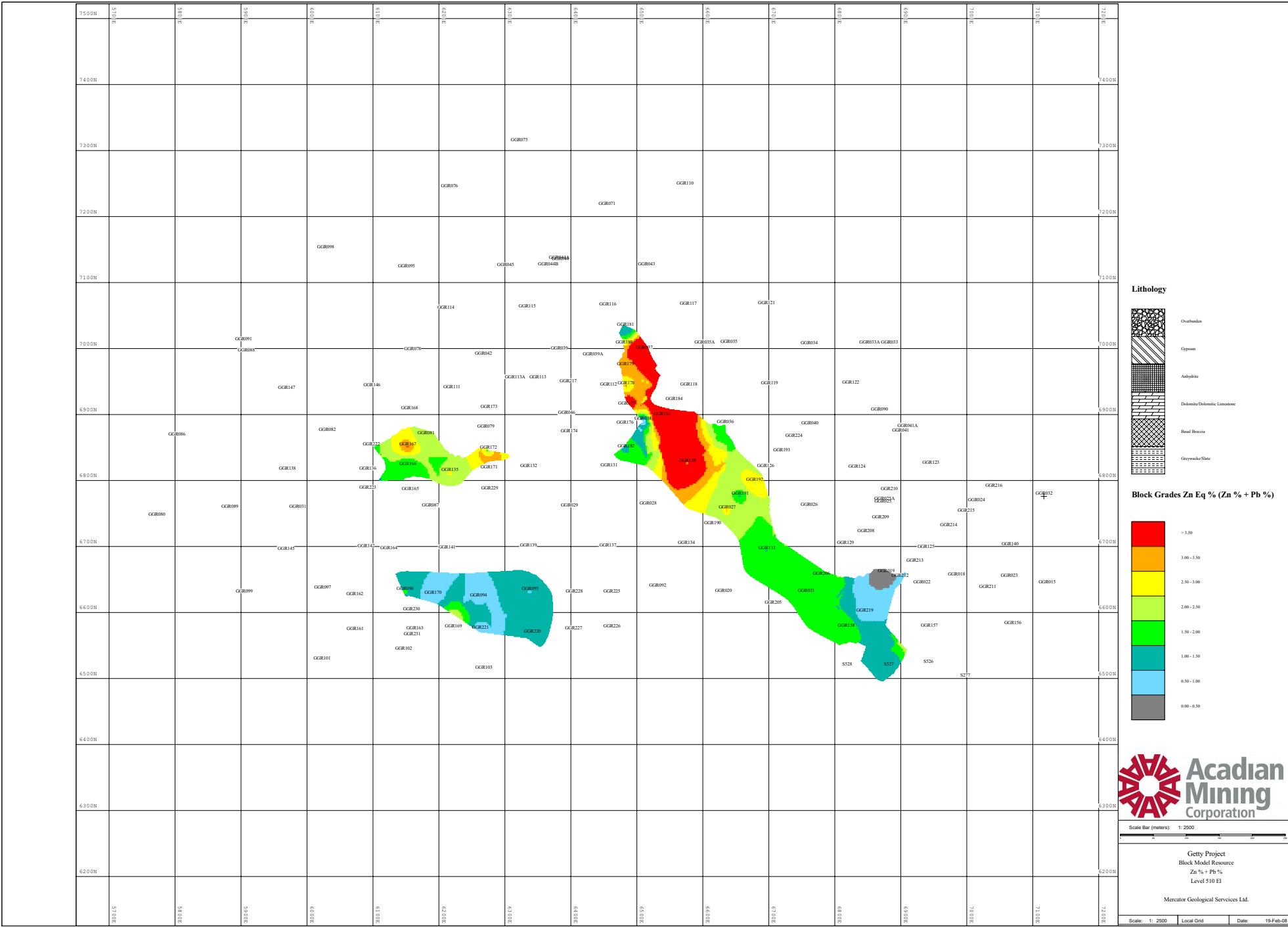


Getty Project  
Block Model Resource  
Zn % + Pb %  
Section C

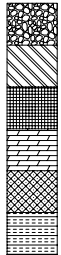
Mercator Geological Services Ltd.

Scale: 1: 500 Local Grid Date: 21-Feb-08

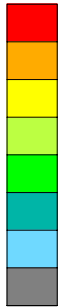




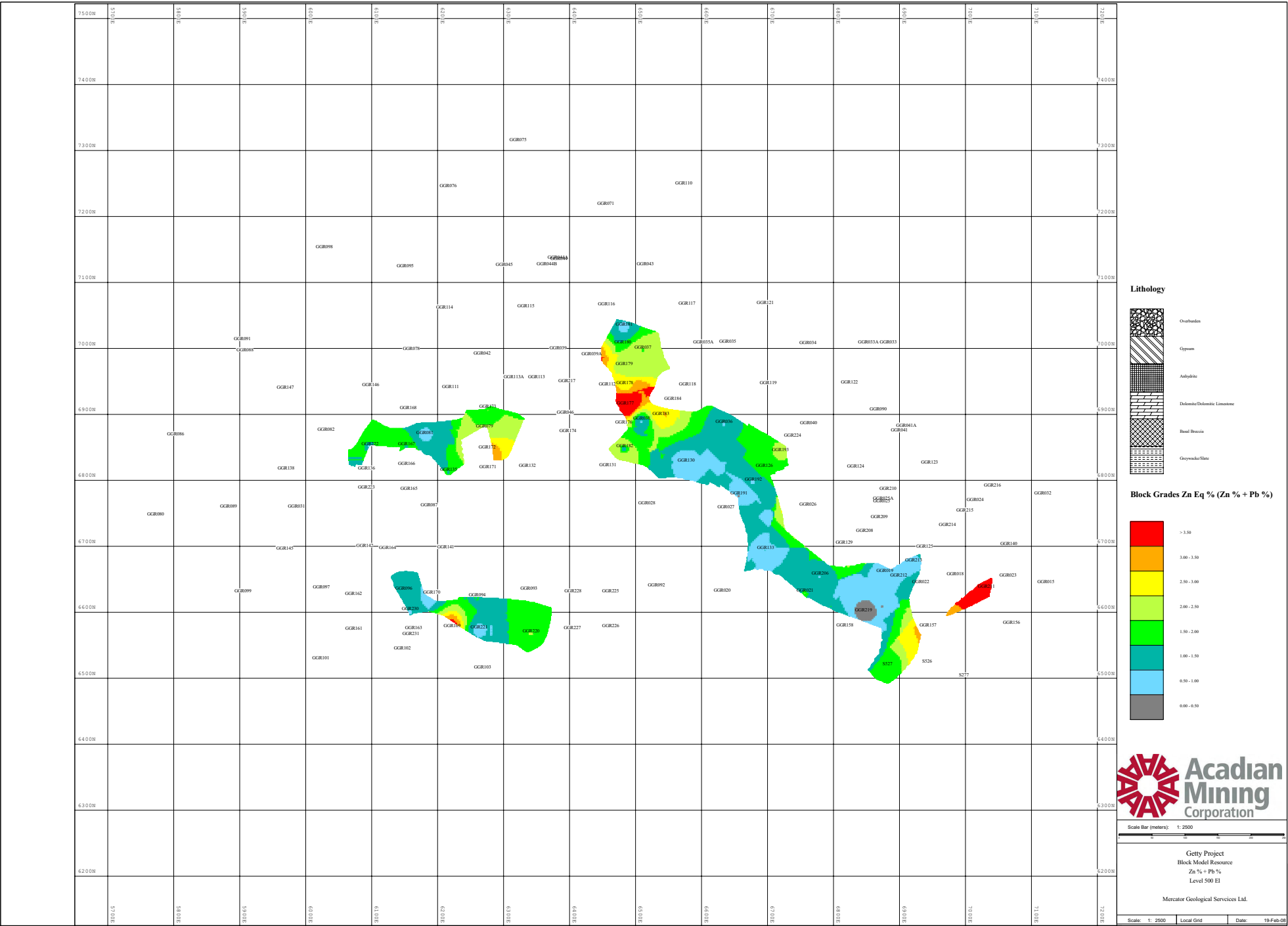
Lithology



Block Grades Zn Eq % (Zn % + Pb %)

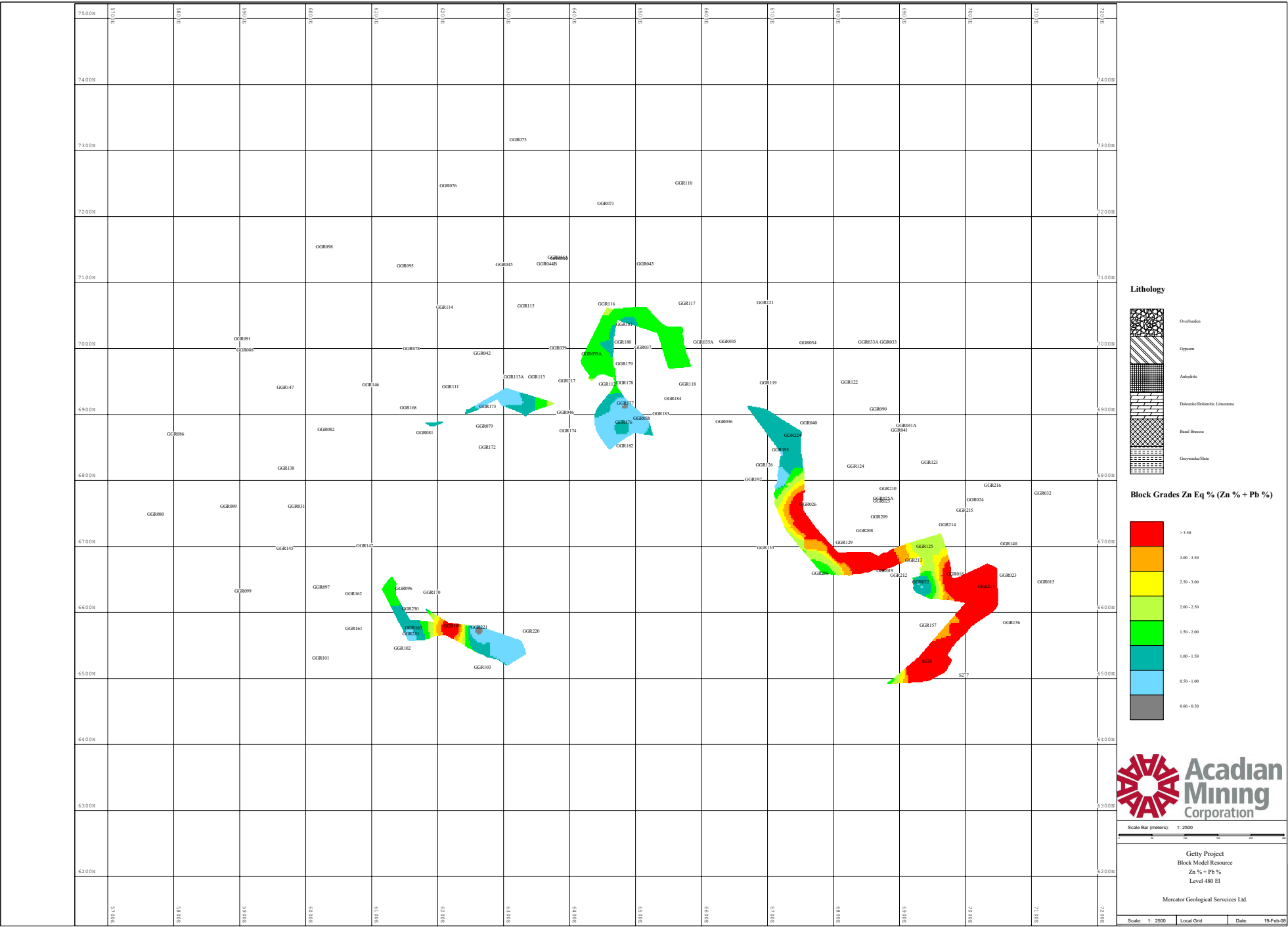


Getty Project  
Block Model Resource  
Zn % + Pb %  
Level 510 EI  
Mercator Geological Services Ltd.  
Scale: 1:2500 Local Grid Date: 19-Feb-06

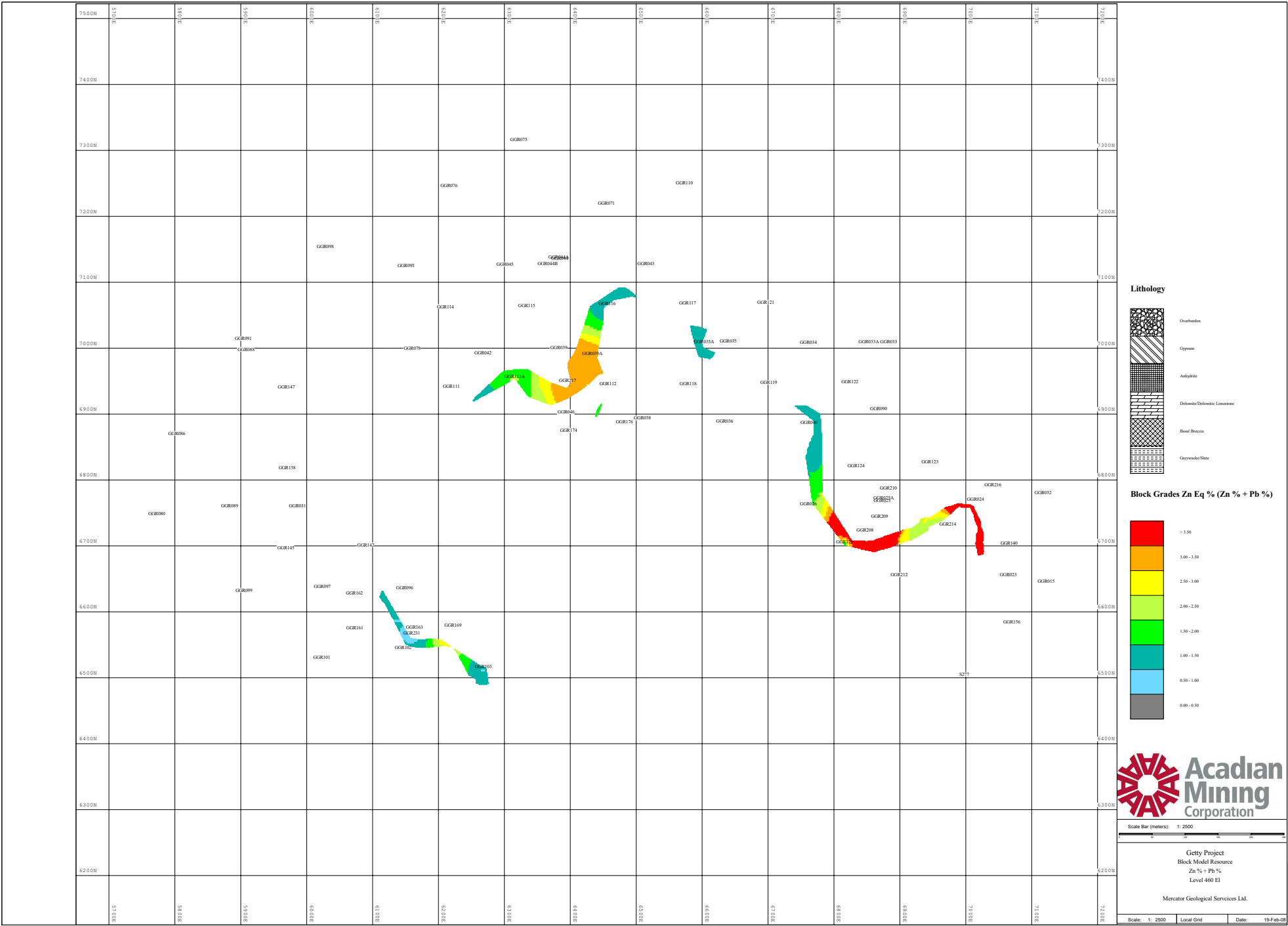


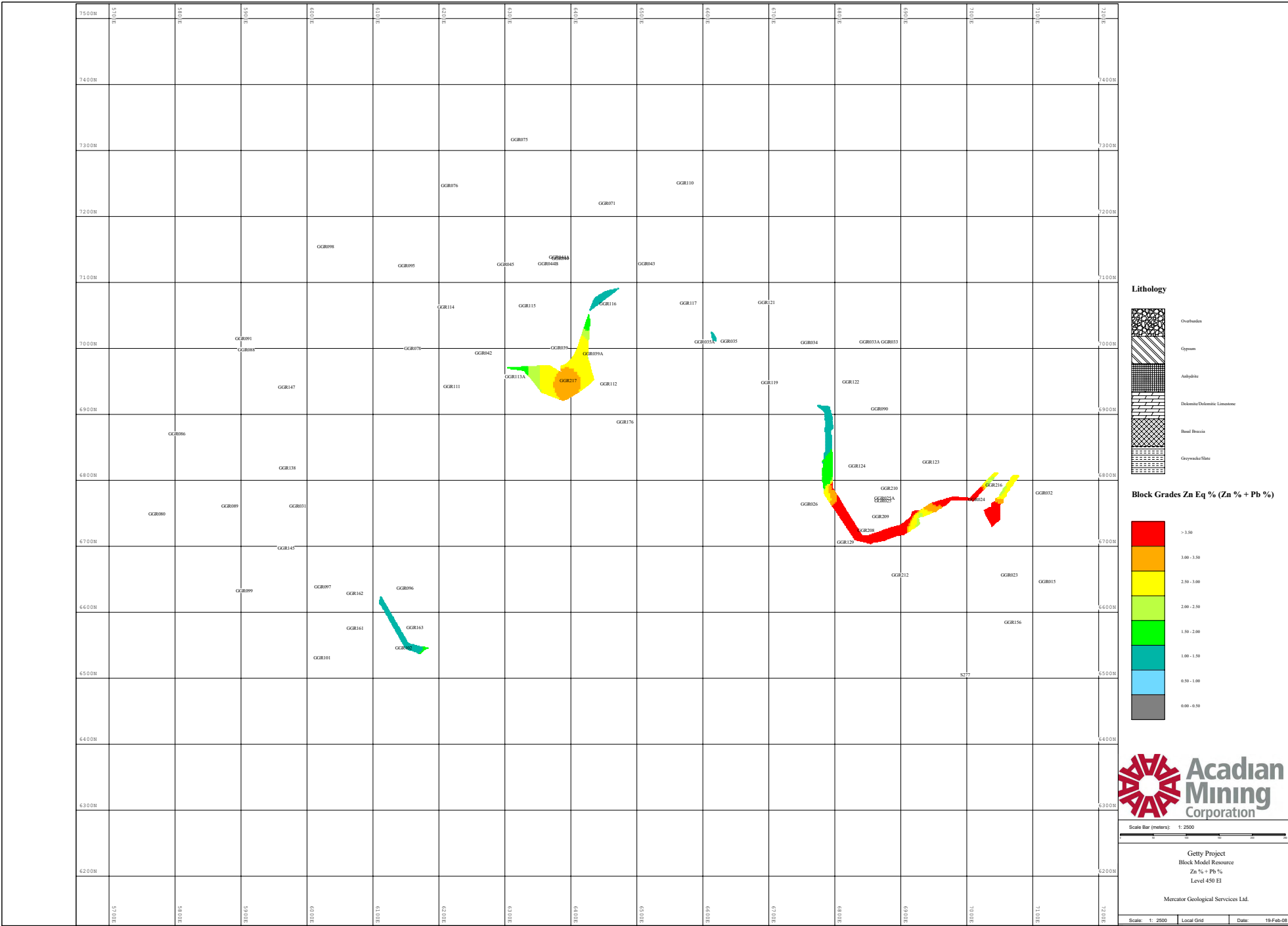


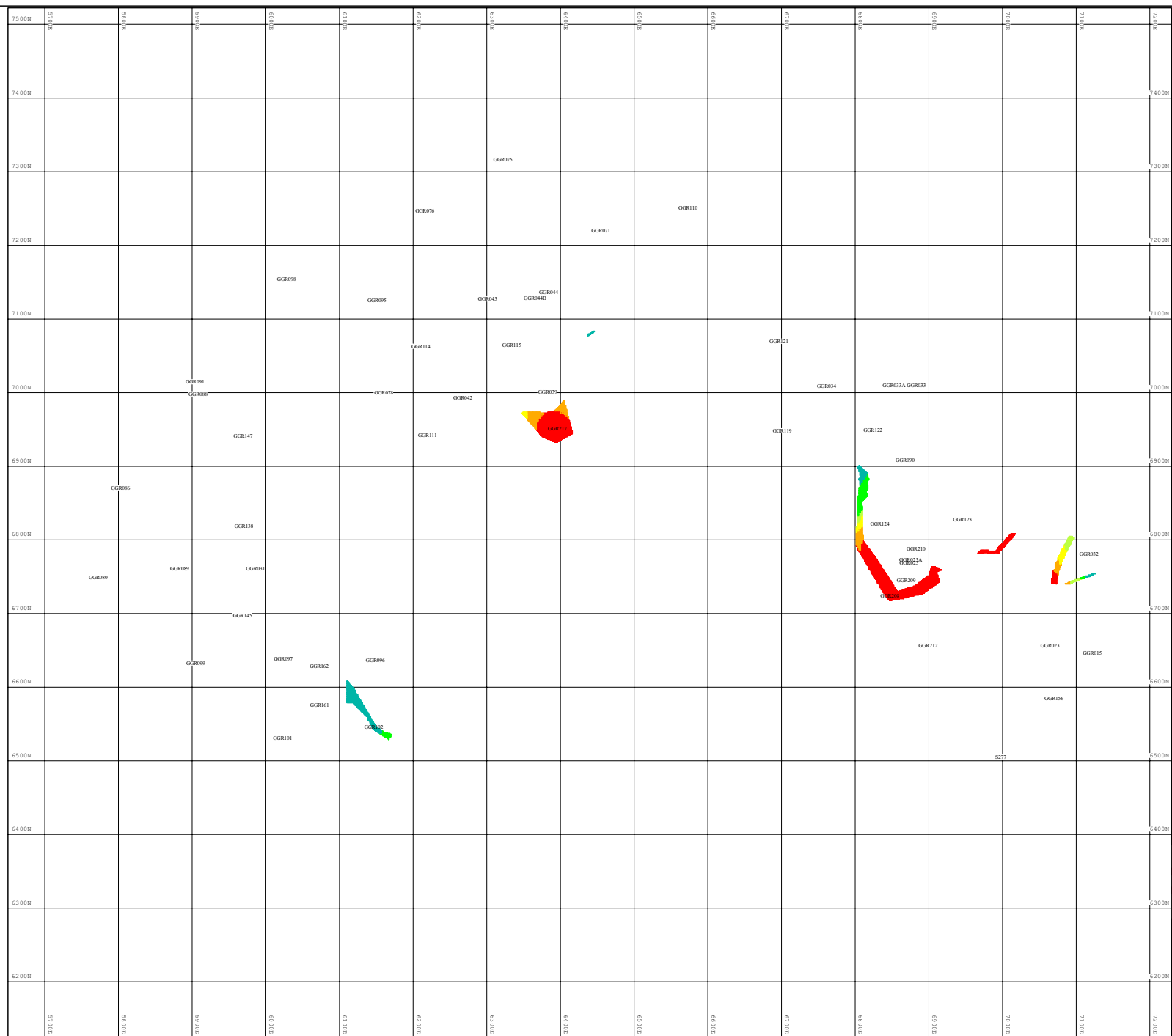




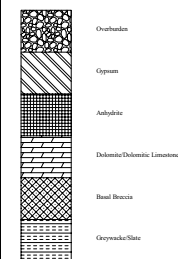








### Lithology



Block Grades Zn Eq % (Zn % + Pb %)



Scale Bar (meters): 1: 2500

Getty Project  
Block Model Resource  
Zn % + Pb %  
Level 440 El

Mercator Geological Services Ltd.

Scale: 1: 2500	Local Grid	Date: 19-Feb-08
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