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Discovery and resource evaluation of the Lesego Platinum Merensky Reef and UG2 Chromitite hosted platinum group metals deposit adjacent to the Phosiri dome and the associated effects of Phosiri dome on the reef horizons, bushveld complex, South Africa

Montjoie, Richard

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Discovery and resource evaluation of the Lesego Platinum Merensky Reef and UG2 Chromitite hosted Platinum Group Metals deposit adjacent to the Phosiri Dome and the associated effects of the Phosiri Dome on the reef horizons, Bushveld Complex, South Africa

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Richard Montjoie

Person Number 9809072H

Supervisors:

Professor Judith A. Kinnaird

Associate Professor Paul A. M. Nex

Declaration

All work contained within this research report is the original work of the author, except where specific references acknowledge the work of others. It is being submitted in part for the degree of Master of Science at the University of the Witwatersrand, Johannesburg. It has not been submitted before, for any degrees or examination in any other university.

Declaration of Spelling

This manuscript forms the complete submission of the research report, including appendices. Chapter 2 forms the complete submission, including references, of a regular paper to Economic Geology, an independent journal published by the Society of Economic Geologists (SEG). The paper presents new and unpublished exploration results, exploration techniques, the mineral deposit profile and a potential new source of metal.

Chapter 2's manuscript text, references, tables and figures follow the format and style required by the SEG. For the purposes of consistency of the research report, spelling, figure and table captions are in the format required by the University. This will be updated on submission for publication to the format and style required by SEG, and conforms to the AGI Glossary of Geology, Chicago Manual of Style, and Merriam-Webster's Collegiate Dictionary.

The referencing style for chapters 1, 3 and 4 in the format required by the South African Journal of Geology.

_____ _____

Signed **Date**

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Abstract

The recently discovered Lesego Platinum Merensky Reef and UG2 Chromitite deposit is a 39 million-ounce PGE deposit hosted in the northeastern portion of the Bushveld Complex, South Africa. The upward displacement of floor rock during the emplacement of the Rustenburg Layered Suite of the Bushveld Complex as a result of gravitational forces has resulted in the economically important horizons, which would normally be at several kilometers depth, being brought closer to surface by the Phosiri Dome. The Phosiri Dome has, however, had a dramatic effect on the morphology and grade of the Merensky and UG2 reefs. The reefs are almost vertical in close proximity to the Phosiri Dome, but rapidly flatten out at depth to the shallow westerly dips more consistent with traditional Merensky and UG2 reefs in the area. A gabbro contaminated with anatectic melt appears to have obliterated the reef horizons closer to surface, resulting in the upper orebody remaining undiscovered since the area was first explored in the 1980's. Reef morphology and PGE mineralogy in the Merensky Reef further away from the Phosiri Dome are consistent with that of surrounding deposits.

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Chapter 1

Study Aim and Objectives

This Research Report and included paper (Chapter 2) aims to capture the exploration history, methodology, and exploration strategy employed to define a previously undiscovered Platinum Group Elements (PGE) resource in an established mining area. The objective of this paper is to describe the newly defined ore body at the Lesego Project area and compare it to the well documented surrounding Merensky Reef and UG2 Chromitite resources in the Eastern Bushveld Complex, South Africa. The paper should provide guidance on exploration strategies for future exploration around similar structures in the Bushveld Complex.

Introduction

PGE mining in the Western Bushveld Complex is a maturing industry, and traditional Merensky Reef and UG2 Chromitite resources are getting deeper and more expensive to exploit and suppressed metal prices combined with increasing costs in the form of power and labour are threatening the sustainability of these mines. PGE consumers require a stable source of supply to ensure the long-term viability of the PGE industry – consumers will look to other technologies to substitute the use of PGE's in industry, should PGE producers not be able to guarantee a stable supply of PGE's. It is thus essential for the PGE industry that new cost-effective mines be brought online to replace depleting resources. Lower grade deposits typically require a high throughput to remain profitable, but the construction of new mines on the Eastern and Western limbs of the Bushveld Complex with a large capacity is capital intensive, and the increasing cost of capital, combined with the difficulties involved with narrow reef mining on the UG2 Chromitite and Merensky Reef makes low-grade high-tonnage targets unattractive investment destinations. The search for new PGE deposits in the Bushveld has traditionally been along strike- and down-dip extensions of known deposits. The Lesego Project represents a previously undiscovered high-grade resource that has been brought to exploitable depths owing to the upward displacement of floor rock during the emplacement of the Rustenburg Layered Suite mafic-ultramafic magmas as a result of gravitational forces. The unusual orientation of the reefs close to surface makes it ideal for mechanisation, resulting in a low cost, safe and modern mine.

Location

The Lesego Project is located approximately 300 km to the northeast of Johannesburg and straddles the non-perennial Olifants River close to Apel, Sekukhuneland, Limpopo Province. The project is easily accessible by an unsealed all-weather road from the R37 Polokwane – Burgersfort road.

Regional Geology

Hans Merensky and his co-workers discovered PGE's on the farm Maandagshoek (north of Steelpoort in the Mpumalanga Province, South Africa) in 1924 (Cawthorn, 1999a). The PGE's are contained within a unit that was later became referred to as the Merensky Reef, a specific, highly continuous horizon in the Rustenburg Layered Suite of the Bushveld Complex. The Bushveld Complex has most recently been dated at 2.055 Ga (Zeh *et al,* 2015) and is the largest layered igneous complex in the world (Cawthorn, 1999b). Situated within the north-central Kaapvaal Craton, this massive Proterozoic intrusive body, or more likely a series of interconnected intrusions (Cawthorn and Webb, 2001), has a surface area of approximately 90,000 km^2, with an east – west extent of 250 km and a north-south extent in the order of 300 km (Finn *et al,* 2015). The Rustenburg Layered Suite magmas exhibit a transgressive relationship to the Transvaal Supergroup (Button, 1976, Clarke *et al*, 2005), a large sedimentary basin of late Archaean-Proterozoic age located within the north-central Kaapvaal Craton, which essentially forms the floor rocks to the Bushveld Complex.

The Bushveld Complex comprises four main lobes which are discussed in more detail in Chapter 2.

The Complex consists of a mafic-ultramafic succession of layered and massive rocks known as the Rustenburg Layered Suite, a penecontemporaneous series of granitic rocks, termed the Lebowa Granite Suite, and felsic extrusive rocks of the Rooiberg Group (Walraven *et al.* 1990, SACS, 1980), as seen in Figure 1 in Chapter 2.

The Rustenburg Layered Suite stratigraphy is divided into five major units, from lowest to highest which are summarised in Table 5 in Chapter 2.

The four limbs that comprise the Bushveld Complex may be subdivided into sectors, as described by Hatton and von Gruenewaldt (1987). Sectors are subdivided into compartments that are structurally controlled with a unique internal stratigraphy (Scoon and Teigler, 1994). Complex boundary areas, in which the Lower, Critical, and Main zones are either partially absent or structurally disturbed, separate the sectors and compartments. The Upper Zone is generally contiguous between sectors. The eastern limb consists of western, central, and southern sectors with two intervening boundary areas (Figure 3). The geological setting of the eastern limb, with the exception of the disruptive boundary areas, is well known (Wager and Brown, 1968; Von Gruenewaldt *et al*., 1985), such that only a brief overview is presented here.

Chromitite and the PGE mineralisation are important economic components of the Rustenburg Layered Suite. The largest deposits of chromitite in the world occur in the Critical Zone of the Eastern and Western limbs of the Bushveld Complex. The PGE's are concentrated in three principal reefs in the Rustenburg Layered Suite, the Merensky Reef, located just below the top of the Critical Zone, and the UG2 Chromitite located between 15 m and 350 m below (Cawthorn and Spies, 2003), in the Eastern and Western Limbs, whereas in the Northern Limb the PGE's are concentrated in the Platreef (Cawthorn, 2015). Kruger (2005) gives an overview of the evolution of the magma chamber as well as the relationship between the floor, intrusive, extrusive and roof rocks of the Bushveld Complex.

The geology of the Eastern Limb is well described by Von Gruenewaldt (1973), Molyneux (1974) and Cameron (1978). Hatton and von Gruenewaldt (1987) subdivide the Eastern Limb into three sectors, namely the Western Sector, Central Sector and Southern Sector, each separated by major structural features, and each showing significant variations in lithostratigraphy. The Wonderkop Fault and Phosiri Dome forms the boundary between the Western and Central Sector, and the Steelpoort Fault forms the boundary between the Central and Southern Sectors (Figure 3).

The rocks of the Rustenburg Layered Suite on the Eastern Limb, as well as the floor rocks, are particularly well exposed where they are being actively eroded by the advancing Drakensberg Escarpment (Molyneux, 1998). In his doctoral thesis, Von Gruenewaldt (1972) focused on the Main and Upper Zones, with a particular focus on the Eastern Limb, and published this work the following year (Von Gruenewaldt, 1973). Molyneux (1974) focused on the roof rocks (including the Pretoria Group sediments), the Upper Zone and Main Zone in the northern and eastern portions of the Eastern Limb, whilst Cameron (1980) and Cameron (1982) focused on the Lower and Upper Critical zones of the Eastern Limb respectively.

The economically important Critical Zone is exposed throughout the area from the Schwerin Fold westwards across the Katkloof Dome (Figure 3) and, as a broad generalisation, the thickness of the Critical Zone increases from east of the Olifants River southeastwards towards the Steelpoort Fault (Figure 3, Cameron, 1982).

The Lower Critical Zone, approximately 800 m thick, consists mostly of bronzitites, with subsidiary dunites, harzburgites, and chromitites (Cameron, 1980), whereas the Upper Critical Zone, approximately 1,000 m thick, consists of complex cyclical layering primarily of norites with subordinate bronzite, anorthosites and the economically important chromitites. Cameron (1982) divided the Upper Critical Zone into 14 main units, in addition to the sequence from the base of the Merensky Reef to the top of the Bastard Reef. Kruger (1990) placed the Merensky Reef at the base of the Main Zone, based on relationships between petrography, mineralogy, and geochemistry.

Chromite appears as a cumulus phase and forms layers throughout the Critical Zone. The Lower Critical Zone hosts the Lower Group Chromitites (LG1 to LG7) and Middle Group Chromitites (MG3 to MG4), and the Upper Critical Zone hosts the MG1, MG2 and Upper Group Chromitites (UG1 to UG3). Overlying this sequence is the Merensky cyclic sequence and the Bastard sequence (Eales & Cawthorn, 1996) (Figure 2).

The Main Zone, as described by Von Gruenewaldt (1973) is informally divided into three Subzones, namely A, B and C, which are roughly 800 m, 1,400 m and 800 m thick respectively. These zones contain prominent markers:

- Subzone A contains, from the base upwards, the Porphyritic Norite separates the noritic lower portion of Subzone A from a gabbronorite upper portion. Within this upper portion, there are two mottled anorthosite marker horizons, namely the Main Mottled Anorthosite (MMA) and the Upper Mottled Anorthosite (UMA), which forms the top of Subzone A.
- Subzone B consists of a homogenous sequence of gabbronorite with pigeonite (instead of primary orthopyroxene). The Pyroxenite Marker marks the top of Subzone B.
- Subzone C consists mainly of norites and gabbronorites.

Nex *et al.* (1998) divides the same package into 5 subzones, A through to E, based on the variation in relative abundance of different pyroxenes throughout the Main Zone.

The base of the Upper Zone is defined by the first appearance of cumulus magnetite (Von Gruenewaldt, 1972). It uncomformably overlies the Main Zone (Kruger, 2005).

Generally, the relationship between the Rustenburg Layered Suite and the roof rocks is poorly understood owing to the intense metamorphism and ensuing emplacement of the granite. The sedimentary rocks are sandwiched between granodiorite at the top of the Rustenburg Layered Suite and the overlying Lebowa Granite Suite and Rashoop Granophyre Suite (Molyneux, 1974).

The relationship between the Bushveld Complex and the footwall rocks in the Eastern Limb is documented by Button (1976), who recognised the transgressive nature of the basal contact of the Rustenburg Layered Suite across the Transvaal Supergroup. Button (1978) recognised the occurrence of domal structures in the floor of Pretoria Group metasediments. These domes locally extend up into the Upper Zone, and Button (1976) proposed that these domes are diapiric structures, owing to the density contrast of the Rustenburg Layered Suite with the Pretoria Group metasediments. Sharpe and Chadwick (1982) proposed that the Katloof, Schwerin and Phosiri Domes (Figure 3) are still attached to the floor.

The Phosiri Dome is one of a number of domes consisting of high grade Pretoria Group metasedimentary rocks that occur in the Eastern Limb (Uken and Watkeys, 1997, Gerya *et al.,* 2003, Johnson *et al.,* 2004, Clarke *et al*., 2005, Longridge *et al.,* 2006, Ireland and Penniston-Dorland, 2015).

Gerya *et al.'s* (2003) modelling results demonstrated that domes formed by amplification of pre-existing undulations in the floor to the Bushveld Complex intrusion that allowed an increased thermal

gradient into the floor rocks in the vicinity of the undulations. It was also noted by the modelling that these domes have significantly influenced the attitude of all the rocks of the Rustenburg Layered Suite in the vicinity of these domes.

Longridge *et al.* (2006) established that in the vicinity of the Schwerin Fold, partial melts of footwall metapelitic rocks migrated along pre-existing structures. Both Longridge *et al.* (2006) and Gerya *et al.* (2003) proposed multiple intrusive pulses for the Rustenburg Layered Suite to allow for sustained heat flow in order to meet the metamorphic temperatures required to allow for the formation of these diapirs and associated migmatites. Cawthorn and Walraven (1998) proposed that the Rustenburg Layered Suite is a crystallisation product of several injections of magma that are not widely separated in time, such that previous injections of magma had not yet cooled significantly before the addition of the next injection of magma.

Local Geology

The Phosiri Dome (also known as the Zaaikloof Dome or Fortdraai Dome) represents a folded inlier of the upper Pretoria Group metasediments of the early-Proterozoic Transvaal Supergroup (Sharpe and Chadwick, 1982) that is thought to have formed when underlying footwall rocks rose into the denser overlying Bushveld magmas (Uken and Watkeys, 1997, Uken, 1998, Gerya *et al.,* 2003). The western side of the Phosiri Dome is bounded by the Stofpoort and Wonderkop faults, and the fold hinge plunges to the southeast at between 30° and 40° (Uken, 1998).

Button (1976) described the uppermost formations of the Pretoria Group in the area. The oldest unit, the Silverton Formation, consists of the Boven Shale Member, the Machadodorp Volcanic Member and the Lydenburg Shale Member. The overlying Magaliesberg Formation consists primarily of arenites and argillites. The younger Vermont Formation consists of cordierite-fibrolite-biotite schists with minor quartzites and carbonates, and the Lakenvalei Formation consists of a micaceous quartzite (Uken, 1998).

The Main Zone and Upper Zone in the area are described by Von Gruenewaldt (1973) and Molyneux (1974). Molyneux (1998) re-examined the area with the objective of unravelling the structure in the vicinity of the Wonderkop Fault and the Olifants River (Figure 3) and differentiated between lithologies within the Main Zone.

Molyneux and Klinkert (1978) examined available geological and geophysical data from the Rustenburg Layered Suite of the Eastern Limb and focused on the Steelpoort, Sekhukhune, Wonderkop and Laersrif fault zones (Figure 3). Du Plessis and Walraven (1990) examined and compared structural and stratigraphic aspects of the Lebowa Granite Suite and Rustenburg Layered Suite in relation to major structural features of the Kaapvaal Craton. From these two studies, as well as Uken (1998), it is concluded that the area between the Wonderkop and Stofpoort faults is a downthrown graben, and the Wonderkop fault is a left-lateral (sinistral) fault as a result of north-south directed compression.

Schwellnus *et al.* (1962) reported the occurrence of chromitite in close proximity to the contact between the Rustenburg Layered Suite and the Pretoria Group metasediments on Fortdraai, on the southern flank of the Phosiri Dome. In contrast, the contact between the Rustenburg Layered Suite and the Pretoria Group metasediments is less clear on the eastern flank. Uken (1998) described the presence of sporadic granite outcrops on the eastern flank of the Phosiri Dome. Until drilled by Lesego, the orientation and nature of this granite was not known, and the granite appears to have concealed Critical Zone lithologies near the eastern flank of the Phosiri Dome.

Drilling by Lesego Platinum, as discussed in Chapter 2, successfully delineated the UG2 and Merensky Reef close to the Phosiri Dome. The formation of the Phosiri Dome dramatically modified the orientation of the reefs close to the flanks of the Dome. At a depth of 350 m closest to the Dome, the reefs dip at approximately 80° towards the east, gradually changing to a dip of ~30° towards the east at 1,200 m depth below surface, flattening out to a constant 10° towards the east at 1,600 m below surface (Figure 12, Chapter 2).

Comparison of Reef Facies

UG2 facies variations

At Lonmin's Limpopo Division (previously Messina Platinum Mine), 23 km east of the Lesego Project area, in the Western Sector of the Limpopo Division mining lease area, two facies of UG2 are apparent (Hatton and von Gruenewaldt, 1987). A single reef facies is present in the west, forming a single layer (0.98 - 1.94 m thickness), whilst in the eastern sector of the mining lease area the chromitite layer consists of a lower, sulphide-rich, layer and an upper, sulphide-poor, layer, separated by a pyroxenite parting (Von Gruenewaldt *et al.*, 1990, Lea, 1996). Both facies are hosted in a feldspathic pyroxenite sequence with an olivine-bearing pegmatoidal pyroxenite footwall in the east and an anorthosite footwall in the west.

The UG2 on Bokoni Platinum Mine (previously Atok and Lebowa Platinum Mine), approximately 20 km northeast of the Lesego Project, is described by Mossom (1986) as a 0.60 m thick chromitite with a pegmatoidal feldspathic pyroxenite footwall. Overlying this seam is the 0.2 - 0.3 m thick UG3 chromitite with leader seams, resulting in a combined thickness of approximately 1 m. This is similar to the thickness of the UG2 elsewhere in the Bushveld Complex where the UG3 is absent, notably in the Western Limb (Eales and Cawthorn, 1996).

The UG2 package at the Lesego Project shows both facies present in the Western Sector at Lonmin Limpopo, but the bulk of the deposit consists of a single reef facies, with the split reef facies only present in the northern and southern portions of the orebody. Table 1 shows the typical stratigraphy of the UG2 Chromitite intersections from boreholes drilled at Lesego. On the split reef facies, the upper chromitite seam is termed the UG2A and the lower chromitite seam the UG2B.

Table 1: Local stratigraphy and stratigraphic nomenclature used for the UG2 Chromitite at the Lesego Project (Hall, 2013)

NAME	ABBREVIATION	THICKNESS	DESCRIPTION
1st UG2 Leader chromitite	UG2LDR1	0.05 – 0.15 m	Fine grained chromitite with sharp, planar contacts
UG2 Leader chromitite middling pyroxenite	UG2PX1	0.1 – 2.5 m	Pyroxenite which may contain disseminated chromite
Upper (UG2A) Chromitite	UG2A	0.5 - 1.0 m	Chromitite layer with little silicate gangue
UG2 middling pyroxenite	UG2MPX	0.1 - 1.0 m	Pyroxenite which may contain disseminated chromitite or thin chromite stringers
Lower (UG2B) Chromitite	UG2B	1.0 – 4.0m	Chromitite layer with much silicate gangue and visible disseminated base metal sulphide mineralisation
UG2 pegmatoid	UG2PEG		Noritic composition commonly containing chromite stringers and concentrations, and commonly well- mineralised with base metal sulphides

The UG2 Chromitite on the Lesego Project area is described in more detail in Chapter 2.

Merensky Reef facies variations

The Merensky Reef at Bokoni, Lesego and Lonmin Limpopo Section is situated near the top of the Merensky pyroxenite, which is a characteristic feature throughout the eastern Bushveld Complex (Mossom, 1986). Von Gruenewaldt *et al*. (1990) noted that chromitite stringers are limited to a few grains at the base of the pyroxenite, or are absent, in the eastern section of Lonmin's Limpopo Section; however; further west there can be one, two, or even three chromitite stringers.

The Merensky Reef at Bokoni Mine contains two chromitite stringers separated by approximately 0.50 m of pyroxenite; these define the mineable reefs (Mossom, 1986). A pegmatoidal feldspathic pyroxenite (the "M2 pegmatoid") usually occurs directly beneath the mineralisation at Bokoni Mine, Lesego Project and Limpopo Section.

All three sections also contain sporadic mineralisation below the Merensky Reef in the middle and at the base of the pyroxenite (Von Gruenewaldt *et al.*, 1990), however at Bokoni this would appear to be related to potholing (Mossom, 1986).

Table 2 shows the typical stratigraphy of the Merensky intersections from boreholes drilled at Lesego, which commonly exhibit a single well-developed chromitite layer approximately 5 mm thick and a second, more disseminated, chromitite layer just above, or within, the pegmatoidal feldspathic pyroxenite.

Table 2: Local stratigraphy and stratigraphic nomenclature used for the Merensky Reef at the Lesego project (Hall, 2013)

NAME	ABBREVIATION	THICKNESS	DESCRIPTION
Hangingwall pyroxenite	HWPX	0.5 - 0.8 m	Pyroxenite, with poor to moderate base metal sulphide mineralisation
M1 pyroxenite	MIPX	0.5 - 1.0 m	Pyroxenite, 3-5% base metal sulphide mineralisation containing the MCR chromite
M2 pegmatoid	M2PEG	0.1 - 1.0 m	Pegmatoidal feldspathic pyroxenite with >5% base metal sulphide mineralisation. Often a chromite stringer up to 1 cm thick at the base or within the unit
Footwall pyroxenite	FWPX	1.0 – 4.0m	Pyroxenite, poorly mineralised, with clinopyroxene phenocrysts, Chromite stringer at base in contact with the underlying Footwall unit

The M2 pegmatoid is a clearly recognised, well-mineralised and omni-present unit in the local stratigraphy and has been used as the datum for defining the reef interval based on grade for the mineral resource estimation exercise. The M1 pyroxenite also carries high-tenor PGE and base metals and is added to the M2 pegmatoid to form an ideal mining cut. In cases where the combined M1 pyroxenite plus M2 pegmatoid thicknesses fall short of the prescribed 1 m, hangingwall and footwall pyroxenite are added to make up the minimum width.

The Merensky Reef at Lesego is described in more detail in Chapter 2.

Exploration History

The earliest exploration activity documented in the area is the DIG1 borehole (Figure 4) drilled by Anglovaal Mining Limited (Anglovaal), described in a memorandum by Ingram and Keenan (1982). DIG-1 was drilled on the farm Eerste Regt 502KS to the east of the Phosiri Dome and was collared in Main Zone rocks and drilled to a final depth of 508.40 m. It stopped some 700 m short of the top of the Critical Zone, having intersected a succession of gabbros, norites, anorthosites and pyroxenites typical of the lower portion of the Main Zone.

In 1987, General Mining (Genmin) undertook a seismic survey, trenching, and a 10-hole drilling program covering part of the Phosiri Dome (Figure 4).

Genmin drilled vertical hole BH2698 on the farm Eerste Regt 502KS to the east of the Phosiri Dome and east of DIG1 (Figure 4 and Figure 15). It was collared in Main Zone rocks and drilled to a final depth of 2,506.51 m. It intersected the Pyroxenite Marker at 195.57 m and Upper and Main Mottled Anorthosites at 1,109.61 m and 1,622.63 m, respectively. It intersected Merensky Reef and the UG2 Chromitite layer at 2,166.80 m and 2,490.00 m respectively. Merensky Reef assays ranged from 3.04 g/t to 5.22 g/t over widths of between 149 cm and 382 cm. The UG2 assays returned 7.60 g/t to 8.83 g/t over 63 cm and 80 cm.

Closer to the eastern flank of the Phosiri Dome, Genmin drilled two more holes. BH 3230 was drilled at -50° towards 250° on Spelonk 478KS (Figure 15) on the eastern margin of the Phosiri Dome. It was collared in quartz-bearing norites of the Main Zone and intersected the Bastard Pyroxenite at 453.42 m. The Merensky Reef was not intersected, and the borehole was terminated at 600 m. The Critical Zone lithologies were sheared and described as “highly disturbed”. The Merensky Reef was considered to be absent and the UG2 was thought to be at least another 150 m below the end of the borehole (Ingram and Keenan, 1982).

BH 3395 was drilled at -60° towards 285° on the farm Spelonk 478KS (Figure 4 and Figure 15). It was collared in granite, which was identified by Uken (1998), on the farm Spelonk 478KS and reportedly intersected a barren anomalous Merensky Reef at 595.70 m. A highly disrupted and sheared UG2 Chromitite over a width of 4 m was intersected at 816.45 m.

Exploration Methodology of the Lesego Project

A re-evaluation of the past exploration results from the 1980's and 1990's in 2004 by Lesego Platinum resulted in the decision to undertake further exploration in the area in a phased program, consisting of historical data compilation, geological mapping and trenching, soil geochemistry, a 2D seismic reflection survey, a gravity survey, airborne magnetics and diamond exploration drilling, the results of which are discussed in Chapter 2. A summary of the specifications of the programmes is presented below.

Geophysics

During the period September to October 2006, 2D seismic reflection and refraction, Low Velocity Layer (LVL) ground gravity surveys were carried out by GAP Geophysics (Pty) Limited over the Lesego lease area. The seismic reflection survey was intended to map the distribution and elevations of geological marker horizons within Main and Critical Zone lithologies underlying the lease area and in particular, the thick pyroxenite unit hosting the UG2 Chromitite.

Seismic surveys were shot along five traverses (lines 1 to 5, Figure 5) totaling 23.4 km using a Bolt Land Airgun seismic energy source. Stack and migrated sections from these surveys formed the data input for interpretation. The results of this survey are discussed in Chapter 2.

A high-resolution helicopter-borne magnetic, digital terrain model (DTM) and radiometric survey along 1,520 km of line over approximately 135 km^2 was flown at 100 m line spacing in an east-west direction. Tie line spacing was 1,000 m in a north-south direction. The magnetic survey was successful in detecting probable iron-rich ultramafic pegmatite (IRUP) (Viljoen and Scoon, 1985) bodies (Figure 11). The results of this survey are discussed in Chapter 2.

Soil Geochemistry

A soil sampling survey was carried out in August 2007 along 13 traverses perpendicular to the eastern flank of the Phosiri Dome (Figure 11 in Chapter 2). A total of 430 individual samples were collected at station spacings of 50 m, covering an area 6.5 km long and approximately 1.5 km wide. The survey was designed to geochemically assess the potential presence of sub-outcropping Upper Critical Zone rocks, including the UG2 Chromitite and the Merensky Reef. The survey area is covered by sandy soils in the relatively flat-lying eastern part and by rock scree along the slopes of the ridge along the western boundary that is underlain by Pretoria Group metasediments. Samples were dried and screened to -0.18 mm prior to an aqua regia digestion and multi-element analysis using an ICP-MS finish.

Geological Mapping

The focus of the geological mapping was to trace the Main Zone mottled anorthosites, pyroxenite layers and other persistent units within the Main Zone in order to detect major faulting and structural disturbances, as well as allow for Merensky Reef and UG2 Chromitite horizon elevations to be modelled where topography precluded seismic coverage. The results of this mapping are presented in Figure 11 in Chapter 2.

Exploration Drilling and Mineral Resource Statement

The seismic survey was used to site an initial series of five diamond boreholes in 2008 and 2009 along the seismic lines to test the nature of the identified reflectors and calibrate the survey with the drilling

results, as well as to obtain a statistically relevant sample of intersections to allow for a reasonable estimate of average global grades for both UG2 Chromitite and Merensky Reef. These five holes were drilled in 2007. Combined with the results of the seismic survey which proved the continuity of the reef at depths below 1 200 m below surface, allowed for the declaration of a 27.76 million-ounce 3PGE+Au SAMREC compliant Inferred Resource as at 31st December 2009 (Njowa and Clay, 2010).

A further 51 boreholes were drilled between the period of 2010 to 2012, with several deflections on each reef intersection, totaling 86,550 m, over the lease area. A total of 278 reef intersections, totaling 1 703.52 m, were assayed for PGE, Ni and Cu and used for the mineral resource estimation (Hall, 2013). Each Merensky Reef intersection was optimised for the maximum 3PGE+Au, over a minimum of one meter in true width, while retaining the same stratigraphic interval between intersections in the same borehole.

The UG2 was separated into single and split reef facies. For the single reef facies, the grade was optimised over the true width of the combined UG2B plus UG2A Chromitite layers together with any included pyroxenite parting with a thickness of less than 30 cm. Lengths of the immediate footwall (UG2PEG) were added where this was necessary to make up a minimum one-meter true thickness or where the PGE grade in that unit was higher than the combined UG2B to UG2A interval. For both the Merensky Reef and UG2 Chromitite, the intersections in each borehole were length- and density-weighted and averaged (Appendix 7).

A global discount of 17% was applied to the resource statement to account for geological losses owing to faulting, potholing, dykes and IRUPs. The project resources are presented in Table 3 and resulted in a 39.2 million-ounce 3PGE+Au SAMREC compliant resource at 6.03 g/t 3PGE+Au (Hall, 2013).

The Pt:Pd ratio on the Merensky Reef and UG2 Chromitite is typical of that of the Western and Central sectors of the Eastern Bushveld Complex, with an ~2:1 Pt:Pd ratio for the Merensky Reef and a ~1:1 for the UG2 Chromitite (Table 4).

Table 3: Mineral Resources of the Lesego Project as at June 2012. A discount of 17% has been applied for geological losses (after Hall, 2013).

Merensky Reef (after 17% geological losses)													
Resource	**Million**	**Density**	**Thickness**	**4E**	**4E**	**Au**	**Pt**	**Pd**	**Rh**	**Cu**	**Ni**	**Cu**	**Ni**
Classification	Tonnes		m	g/t	m ounces	g/t	g/t	g/t	g/t	g/t	g/t	tons	tons
Measured	18.55	3.23	1.08	5.58	3.33	0.35	3.29	1.84	0.18	1 264	2 617	23 447	48 545
Indicated	29.99	3.26	1.09	5.70	5.50	0.35	3.38	1.86	0.18	1 258	2 479	37 727	74 345
Inferred	31.92	3.24	1.08	5.67	5.82	0.36	3.28	1.84	0.17	1 256	2 568	40 092	81 971
Total	**80.46**	**3.25**	**1.08**	**5.66**	**14.64**	**0.35**	**3.32**	**1.85**	**0.18**	**1 259**	**2 546**	**101 266**	**204 861**

UG2 Chromitite (after 17% geological losses)													
Resource	**Million**	**Density**	**Thickness**	**4E**	**4E**	**Au**	**Pt**	**Pd**	**Rh**	**Cu**	**Ni**	**Cu**	**Ni**
Classification	Tonnes		m	g/t	m ounces	g/t	g/t	g/t	g/t	g/t	g/t	tons	tons
Measured	25.41	3.71	1.30	5.64	4.61	0.12	2.79	2.47	0.47	582	1 703	14 789	43 273
Indicated	53.65	3.73	1.27	6.24	10.76	0.14	2.99	2.73	0.50	632	1 752	33 907	93 995
Inferred	44.64	3.73	1.26	6.28	9.01	0.14	3.02	2.74	0.50	657	1 764	29 328	78 745
Total	**123.70**	**3.73**	**1.27**	**6.13**	**24.38**	**0.13**	**2.96**	**2.68**	**0.49**	**631**	**1 746**	**78 024**	**216 013**

Combined Merensky Reef and UG2 Chromitite (after 17% geological losses)													
Resource	**Million**	**Density**	**Thickness**	**4E**	**4E**	**Au**	**Pt**	**Pd**	**Rh**	**Cu**	**Ni**	**Cu**	**Ni**
Classification	Tonnes		m	g/t	m ounces	g/t	g/t	g/t	g/t	g/t	g/t	tons	tons
Measured	43.96	3.52	1.23	5.77	8.90	0.22	3.00	2.20	0.35	888	2 148	39 020	94 445
Indicated	83.64	3.57	1.24	6.14	17.29	0.22	3.13	2.40	0.38	873	2 043	72 979	170 914
Inferred	76.56	3.53	1.25	6.07	13.01	0.23	3.13	2.35	0.36	918	2 128	70 250	162 922
Total	**204.16**	**3.54**	**1.24**	**6.03**	**39.20**	**0.22**	**3.11**	**2.34**	**0.36**	**893**	**2 098**	**182 248**	**428 281**

Table 4: 3PGE+Au prill split and Pt:Pd ratio for the Lesego Resource (after Hall, 2013).

	Au	Pt	Pd	Rh	Pt:Pd Ratio
Merensky	6%	59%	33%	3%	0.56
UG2	2%	48%	44%	8%	0.91
Combined	4%	51%	39%	6%	0.75

Author's Responsibilities

The responsibilities and involvement of the author in the work presented in this research report is as follows:

1. The complete drafting of the paper to be submitted to the Society of Economic Geologists semi-quarterly journal, Economic Geology, with reviews from co-authors.
2. Supervision of the material sampled for co-authors Buurman and Price.
3. Compilation of geological maps from various data sources.
4. Compilation of figures for the paper.
5. I was Exploration Manager and then Project Manager for the Lesego Project since October 2008. My responsibilities included:
    a. Development of the exploration program to ensure sufficient information would be available for the completion of a full definitive feasibility study; including the planning of drill spacing and deflections and ensuring that sufficient resource would be in a SAMREC compliant Measured and Indicated Resource category;
    b. Liaison with laboratories for assay techniques;
    c. Assistance with the collation of historical geological data and literature relating to the area under investigation to ensure an efficient and targeted exploration program;
    d. Siting of drill holes to ensure a declaration of a SAMREC compliant Indicated and Measured Resource;

e. Development of a strategy and siting of drill holes to enable the discovery of the resource between 1,200 m and 350 m (prior to my involvement, the resource was only defined to from depths 1,200 m below surface;
f. Examination and partial logging of core with a focus on the Merensky Reef, UG2 Chromitites and UG1 Chromitites
g. Input on the development of a localised stratigraphic column;
h. Project management of the "Large Mine" Scoping, Prefeasibility and Definitive Feasibility Studies, and Project management of the "Upper Mine" Scoping and Prefeasibility Studies; which are briefly discussed in Chapter 3;
i. Project management of all aspects of licensing (Mining Right Application, Integrated Water Use License, Environmental Authorisation);
j. Sample selection for metallurgical and geotechnical testing to ensure adequate characterisation of the deposit;
k. Development, in conjunction with consultants and laboratories, of a metallurgical test work program to allow for the design of a flotation plant;
l. Liaison with three different tribal authorities to obtain permission to drill and surface right access;
m. Liaison with various government departments, communities and tribal authorities for approval of Infrastructure Development Projects within the Social and Labour Plan and overall development of the Social and Labour Plan;
n. Project management of all aspects listed above from 2009 to 2018.

Author	**Role**	**Percentage Involvement**
Paul Nex	Initial introduction to the project and for my field orientation, as well as contributed greatly towards the structural understanding of the Lesego project, with particular focus on the timing of the emplacement of the Phosiri Dome with respect to the Rustenburg Layered Suite	10%
Keith Matier	Exploration Manager for the management of the initial period of exploration on the Phosiri Dome from 2006 through to 2008 planning of the geophysics, soil geochemistry and initial 5-hole drilling programs.	10%
Jamie Price	Mineralogical studies on the Merensky Reef; provided summaries of the precious metal mineral assemblages presented in Chapter 2	2.5%
Innes Buurman	Mineralogical studies on the Merensky Reef; provided summaries of the precious metal mineral assemblages presented in Chapter 2	2.5%
Richard Montjoie	Activities as listed above	70%

This research report and journal submission (Chapter 2) was drafted in its entirety while I was at the University. I was responsible for the compilation and summation of the exploration results presented in this research report.

Chapter 2 forms the complete submission, including references, of a regular paper to Economic Geology, an independent journal published by the Society of Economic Geologists (SEG). The paper presents new and unpublished exploration results, exploration techniques, the mineral deposit profile and a potential new source of metal.

The manuscript text, references, tables and figures follow the format and style required by the SEG. Spelling and grammar is in the format and style required by SEG, and conforms to the AGI Glossary of Geology, Chicago Manual of Style, and Merriam-Webster's Collegiate Dictionary.

Chapter 2

Submission to Economic Geology

Exploration, Discovery, Characteristics and Resource of the Lesego

PGE Deposit, Phosiri Dome, Bushveld Complex, South Africa

Montjoie, R.[1] Nex. P.A.M.[2], Price, J.[3], Buurman., I[1]. Matier, K.[4]

[1] Umbono Financial Services. Suite 201, Private Bag X30500, Houghton, 2041, South Africa. Email: rmontjoie@umbono.com

[2] Department of Geosciences, University of the Witwatersrand, PO Wits, 2050, South Africa

[3] School of Earth & Ocean Sciences, Cardiff University, CF10 3AT UK

[4] KWJ Matier, Kemajo Holdings (Pty) Ltd, 14a George Street, Bryanston, 2194

Abstract

The recently discovered Lesego Platinum Merensky Reef and UG2 Chromitite deposit is a 39 million-ounce PGE deposit hosted in the northeastern portion of the Bushveld Complex, South Africa. The upward displacement of metasedimentary floor rocks during and after the emplacement of the Rustenburg Layered Suite of the Bushveld Complex as a result of gravitational forces has resulted in the economically important horizons, which would normally be at several kilometers depth, being brought closer to surface by the Phosiri Dome. The Phosiri Dome has, however, had a dramatic effect on the morphology and grade of the Merensky and UG2 reefs. The reefs are almost vertical in close proximity to the Phosiri Dome, but rapidly flatten out at depth to the shallow westerly dips more consistent with traditional Merensky and UG2 reefs in the area. An anatectic melt has obliterated the reef horizons closer to surface, resulting in the upper portions of the orebody remaining undiscovered since the area was first explored in the 1980's. Reef morphology and PGE mineralogy in the Merensky Reef further away from the Phosiri Dome are consistent with that of surrounding deposits. The Platinum Group Metal assemblage in silicate units of the Merensky Reef consists of PGE-bismuthotellurides, principally moncheite and merenskyite, whereas the chromitite units of the Merensky Reef also contain an additional PGM assemblage comprising braggite, cooperite, and laurite.

Introduction

The Bushveld Complex of South Africa is the world's largest source of platinum (75%) and rhodium (80%), and a major source of palladium (52%) (Naldrett *et al*., 2015) that has been exploited from the Merensky and UG2 Chromitite reefs for close to 90 years. As traditional resources of PGE's are depleted, the PGE mining industry is faced with the increasing costs associated with exploiting deeper resources. Innovative exploration techniques in structurally disturbed areas of the Bushveld Complex can reveal previously undiscovered resources contained within the Merensky and UG2 reefs. The recently discovered Lesego Platinum Merensky Reef and UG2 Chromitite deposit is located approximately 300 km northeast of Johannesburg, South Africa, and is located approximately 20 km downdip of the approximately 50-year-old Bokoni (formerly ATOK) platinum mine. Village Main Reef, through its subsidiary Lesego Platinum Mining (Pty) Ltd, discovered the Lesego deposit through a methodical compilation of geological and historical exploration data in the broader area and applied a systematic exploration program, resulting in the definition of a SAMREC-compliant 39 million-ounce 3PGE+Au deposit from a depth of 350 m to 2,250 m below surface (Njowa and Clay, 2010).

Regional Geology

The Rustenburg Layered Suite of the Bushveld Complex is dated at ±2.055 Ga (Zeh *et al.,* 2015) and is the largest known layered igneous complex in the world (Cawthorn, 1999a). Situated within the north-central Kaapvaal Craton, it has a surface area of approximately 90,000km^2, with an east – west extent of 250 km and a north – south extent in the order of 300 km (Finn *et al.,* 2015). The Bushveld magmas exhibit a transgressive

intrusive relationship to the Transvaal Supergroup, a large sedimentary basin of late Archaean to early Proterozoic age, which forms the floor and roof rocks to the Bushveld Complex.

The Bushveld Complex comprises four main lobes (e.g. Eales *et al.,* 1993, Eales and Cawthorn, 1996, Cawthorn, 2015) (Figure 1).

- A western limb, extending from near Pretoria westward to Rustenburg and then northwards around the Pilanesberg alkaline complex (with an extension of a far western limb).
- An eastern limb, that extends northwards through the western Mpumalanga Province from near Middelburg in the south, to east of Mokopane in the north.
- A northern limb, that extends northwards from a position approximately 30 km south of the town of Mokopane, over a distance of approximately 115 km to Aurora in the north.
- A south-eastern limb, termed the Bethal Limb, which is obscured by younger sediments.

The Bushveld Complex consists of felsic extrusive rocks of the Rooiberg Group, intruded by a mafic-ultramafic succession of layered and massive rocks known as the Rustenburg Layered Suite, which are in turn intruded and overlain by a penecontemporaneous series of granitic rocks, termed the Lebowa Granite Suite that includes the Rashoop Granophyre Suite (Walraven *et al.,* 1990, SACS, 1980).

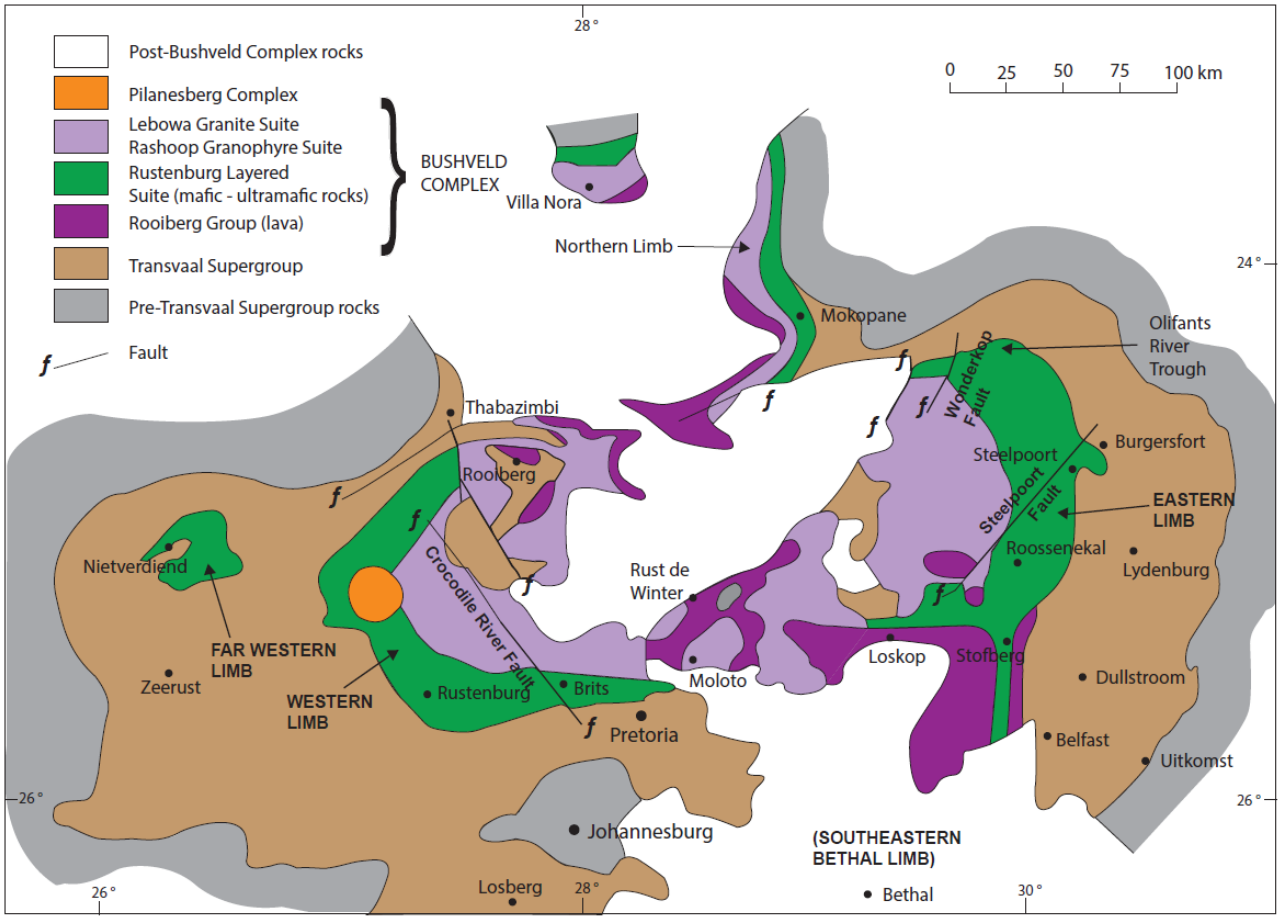


Figure 1: Simplified geological map of the Bushveld Complex and the surrounding Transvaal Supergroup (after Cawthorn. 2015).

The Rustenburg Layered Suite stratigraphy is divided into five major units, which are summarised in Table 5, with the stratigraphy illustrated in Figure 2.

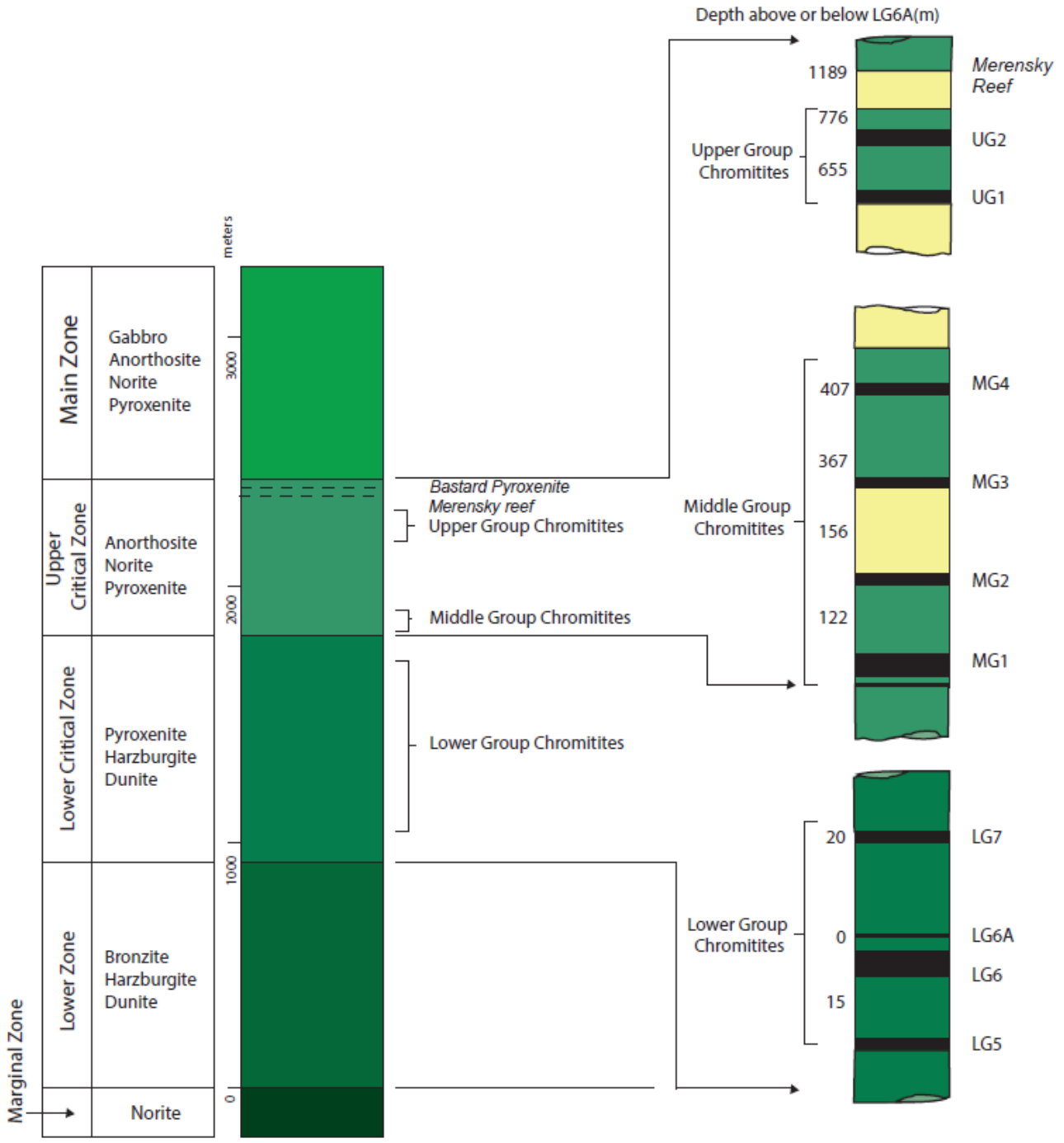


Figure 2: Stratigraphy of the Lower Portion of the Rustenburg Layered Suite (after Schürmann et al., 1998).

Table 5: Summary of the Rustenburg Layered Suite Stratigraphy (Cameron, 1980, 1982; Eales and Cawthorn, 1996; Von Gruenewaldt,1973; Njowa and Clay, 2010)

LAYER/UNIT/ZONE	DESCRIPTION
Upper Zone	The Upper Zone is dominated by gabbros. However, banded anorthosite and vanadiferous magnetite sequences are also present. There is no chilled contact with the hangingwall rocks, which consist of rhyolites and granophyres.
Main Zone	The Main Zone is the thickest unit within the Rustenburg Layered Suite. In general, approximately half the Rustenburg Layered Suite stratigraphic interval is occupied by this zone. The Main Zone consists of gabbro-norites with some anorthosite and pyroxenite layering. Banding or layering is not as well developed as in the Critical and Lower Zones.
Critical Zone	The Critical Zone is subdivided into Lower and Upper units, namely the Lower Critical Zone and the Upper Critical Zone. The Lower Critical Zone is dominated by pyroxenitic cumulates with interlayered harzburgites and chromitite seams. The Upper Critical Zone consists of layered pyroxenites, norites, anorthosites and chromitites. The base of the Upper Critical Zone is marked by the appearance of cumulus plagioclase. Layering occurs on a variety of scales and may also be regular to highly irregular. Chromitite seams occur in three distinct groupings. The LG series of seams occurs exclusively in the Lower Critical Zone, the MG series of seams straddles the contact between the Lower and Upper Critical Zones, whereas the UG group of seams occurs within the Upper Critical Zone. Economic PGE mineralisation is hosted in the UG2 Chromitite Seam (UG2) and the Merensky Reef, a laterally continuous pyroxenite unit containing PGE and base metal sulphide mineralisation.
Lower Zone	The Lower Zone is dominated by ultramafic rocks. The most complete exposure is in the northeastern part of the Eastern Limb. Here the Lower Zone occurs as a series of cyclically layered dunite-harzburgite units. The Lower Zone varies in thickness, having a trough-like geometry with the thinnest succession developed over structural highs on the basin floor.
Marginal Zone	The Marginal Zone consists of a heterogeneous succession of generally massive noritic rocks. These rocks contain quartz and hornblende believed to be a result of contamination of the mafic magmas by the enclosing host rocks. Sedimentary rock fragments are contained as xenoliths within the lower parts of this zone. The Marginal Zone ranges in thickness from several meters to several hundred meters. Exposures of this zone are poor.

The Complex hosts world-class major deposits of PGE's, chrome, vanadium and nickel (e.g. Cawthorn, 1999a, 1999b) in the Rustenburg Layered Suite. The largest deposits of chromite in the world occur in the Critical Zone of the Eastern and Western limbs of the Bushveld Complex (Cawthorn, 2015). The PGE's are concentrated in three principal reefs in the Rustenburg Layered Suite. In the Eastern and Western limbs, the Merensky Reef is located just below the top of the Critical Zone, and the UG2 Chromitite is located between 15 m and 350 m below the Merensky Reef (Cawthorn and Spies, 2003). In the Northern Limb the PGE's are concentrated in the Platreef between the base of the Main Zone and the floor rocks (Cawthorn, 2015).

Local Geology

The Phosiri Dome (also known as the Zaaikloof Dome or Fortdraai Dome) is one of a number of domes consisting of high grade metasedimentary rocks that occur in the Eastern Bushveld Complex (Uken and Watkeys, 1997; Gerya *et al.,* 2003; Johnson *et al.,* 2004; Clarke *et al.*, 2005; Ireland and Penniston-Dorland, 2015) (Figure 3).

The Dome represents a plunging anticline of the Upper Pretoria Group metasediments of the early-Proterozoic Transvaal Supergroup (Sharpe and Chadwick, 1982) that is thought to have formed when underlying footwall rocks rose into the denser overlying Rustenburg Layered Suite magmas (Uken and Watkeys, 1997; Uken, 1998; Gerya *et al.,* 2003). Button (1976) described the uppermost formations of the Pretoria Group in the area. The oldest unit, the Silverton Formation, consists of the Boven Shale Member, the Machadodorp Volcanic Member and the Lydenburg Shale Member. The overlying Magaliesberg

Formation consists primarily of arenites and argillites. The younger Vermont Formation consists of cordierite-fibrolite-biotite schists with minor quartzites and carbonates, and the Lakenvalei Formation consists of a micaceous quartzite (Uken, 1998).

The Main and Upper Zone in the area are described by Von Gruenewaldt (1973) and Molyneux (1974). Molyneux (1998) re-examined the area with the objective of unravelling the structure in the vicinity of the Wonderkop Fault and the Olifants River (Figure 2), the results of which are discussed below.

The sedimentary rocks vary in orientation. On the southern limb of the Phosiri Dome, bedding in the Transvaal Supergroup rocks dip steeply southward, whilst on the eastern limb, the dip changes from moderately steeply eastward dips through vertical, to overturned in the northern portion, where the strata dip between 60° and 85° towards the west.

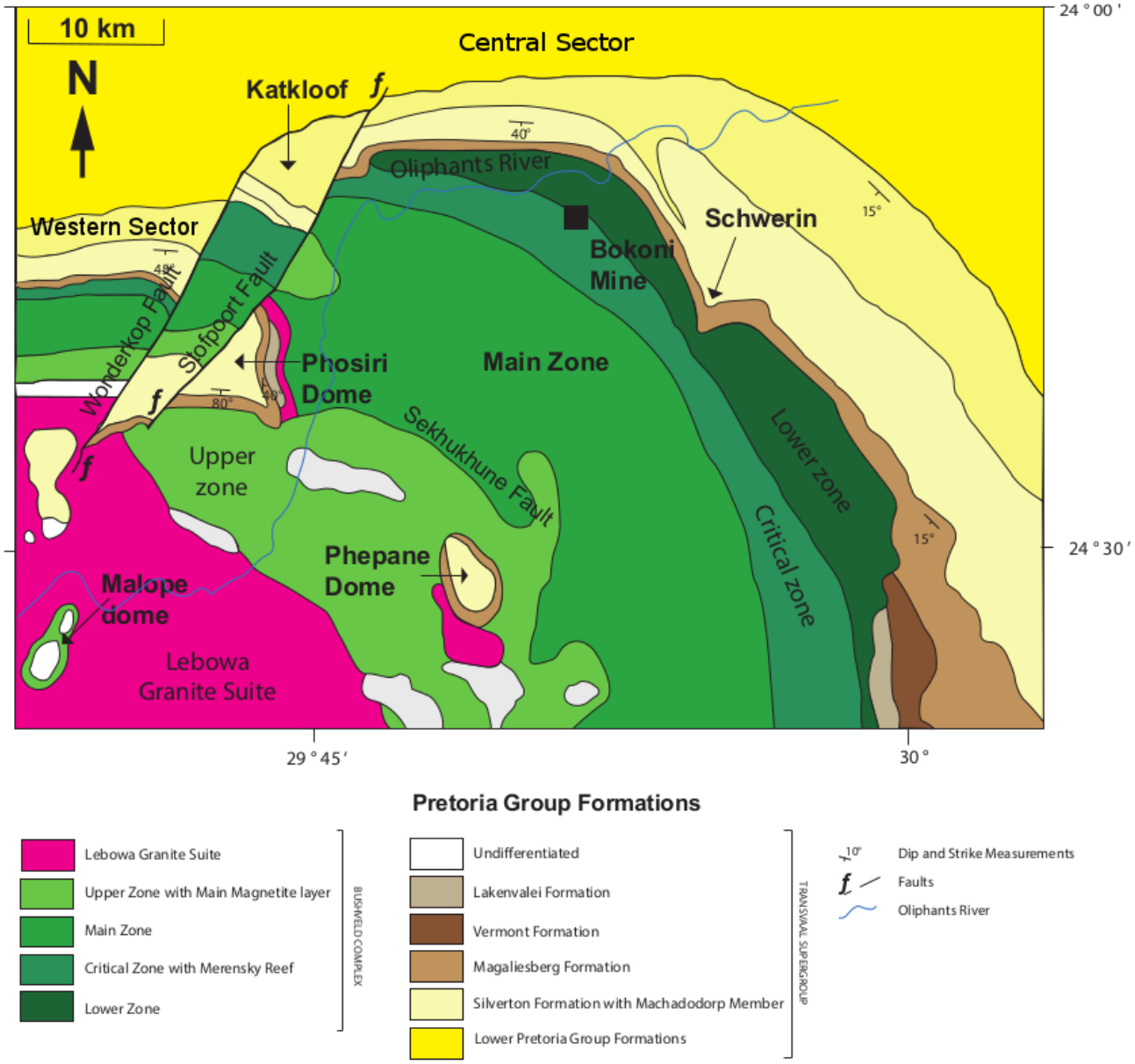


Figure 3: Simplified geological map of the northeastern portion of the Eastern Limb of the Bushveld Complex showing the Phosiri, Phepane, Malope and Katkloof Domes, and the Schwerin Fold (after Johnson et al., 2004).

The emplacement of the Rustenburg Layered Suite magmas triggered a diapiric response as a result of non-linear heat flow into pre-existing basement highs (Gerya *et al.,* 2003) and the density contrast between the less dense metasedimentary floor rocks and the denser mafic-ultramafic magmas.

The upward displacement of the floor rocks is believed to have occurred at approximately the same time as the intrusion of the mafic – ultramafic magmas (Uken and Watkeys, 1997; Gerya *et al.,* 2003; Johnson *et al.,* 2004; Longridge *et al.,* 2009; Ireland and Penniston-Dorland, 2015) and resulted in successive on-lapping of units of the Rustenburg Layered Suite over the up-doming structure. Updoming to a lesser degree of the magmatic layering of the Rustenburg Layered Suite in the vicinity of the Phosiri Dome indicates that the layering has been influenced by the movement of the floor rocks, suggesting that doming occurred post-crystallisation of the Rustenburg Layered Suite.

The uplift of the Rustenburg Layered Suite has important implications as economic horizons, namely the Merensky Reef and UG2 Chromitite, which would normally be at several kilometers depth at this location, are brought closer to the surface. This is most evident on the southern flank of the Phosiri dome where Critical Zone rocks outcrop on surface approximately 18 km downdip of their surface exposure to the northeast at Bokoni Mine (Figure 3).

The southern flank of the dome appears to be somewhat more structurally disrupted than the eastern flank and data from trenching and diamond exploration drilling shows the Upper Zone dips between 5° and 25° to the south, whilst the Main and Critical Zones dip away from the dome at angles between 60° and 70° (Martin, 1999; Scoon 2002; King *et al.*, 2011).

The Dome is bounded in the west by the Stofpoort and Wonderkop Faults, (Figure 3) which cumulatively displace the fold hinge of the Dome by approximately 2 km (Uken, 1998). Molyneux and Klinkert (1978) suggest that the Wonderkop fault is down-thrown to the southeast and Uken (1998) suggests that this is a left-lateral (sinistral) fault as a result of north-south directed compression. Du Plessis and Walraven (1990) interpret the area between the Wonderkop and Stofpoort faults as a graben structure. The Wonderkop Fault extends south into the Bushveld Granite and passes just west of the Malope Dome (Sharpe and Chadwick, 1982).

The hinge of the anticline plunges towards the southeast at approximately 28°. Schwellnus *et al*. (1962) mapped the occurrence of chromitite on the southern flank of the dome, indicating the presence of Critical Zone lithologies. It is postulated that the separated body of Transvaal Supergroup from the metasedimentary floor rocks at the nose of the Phosiri anticline is thought to represent a xenolith, or floating slab not connected to the floor, although this has yet to be verified by drilling or seismic data.

Exploration History and Rationale

The project area lies at the junction of two distinct structural provinces of the eastern Bushveld; one being the gently dipping Central Sector of the Eastern Limb of the Bushveld Complex and the other the steeply-dipping Western Sector of the Eastern Limb (Hatton and von Gruenewaldt 1987; Lea, 1995) (Figure 3). The Lonmin-operated Limpopo Division (previously Messina Platinum Mine) is situated in the latter sector, where dips of up to 70° south are reported (Lea, 1996).

Sporadic drilling took place to the east of the Phosiri Dome from 1982 to 2013 with possibly the most important result being the intersection of Merensky Reef and UG2 in the borehole BH 2698 on the farm Eerste Regt 502 KS drilled by General Mining in 1987 (Table 6, Figure 4 and Figure 15). This borehole successfully demonstrated the presence of the Merensky Reef and UG2 Chromitite at considerably shallower depths than would be expected if one simply extrapolated the reef horizons at constant dip from their surface outcrop positions in the northeast.

Table 6: Summary of various exploration trenching and drilling campaigns in the vicinity of the Phosiri Dome.

YEAR	COMPANY	FARMS	Results Summary
Pre - 1982	Anglovaal	Eerste Regt 502KS	Borehole DIG1 collared in Main Zone drilled vertically approximately 600 m and stopped 700 m short of the Critical Zone
1986 - 1996	Genmin	Davidspoort 499KS, Eerste Regt 502KS Fortdraai 517KS, Zwarthoek 501KS, Spelonk 478KS	10 boreholes drilled adjacent to the eastern and southern flanks of the dome. BH 3395 and BH 3230 were drilled at -50° towards the eastern flank of the dome. They were collared in quartz-bearing norites and granites and intersected highly sheared and disrupted Critical Zone lithologies. BH 2698 was a vertical hole collared in Main Zone rocks. This drill hole intersected Merensky Reef and the UG2 Chromitite layer at 2,166.80 m and 2,490.00 m, respectively. Merensky Reef assays for 3PGE+Au ranged from between 3.04 g/t to 5.22 g/t over widths of between 149 cm and 382 cm. The UG2 assays returned 7.60 g/t to 8.83 g/t over 63 cm and 80 cm.
1989 - 1994	Trodex	Dwarsrand 500KS, Davidspoort 499KS, Zwarthoek 501KS, Fortdraai 517KS	Several boreholes on the southern flank of the dome, successfully intersecting Merensky Reef.
1995 - 1997	BHP - Trodex	Dwarsrand 500KS	Two boreholes collared in Main Zone, both stopped above the Pyroxenite Marker.
2000 - 2002	Pan Palladium - MinEx	Dwarsrand 500KS	A single borehole collared in Upper Zone lithologies on the southern flank of the Dome, which terminated at a depth of 1,614 m below the Main Mottled Anorthosite in the Main Zone.
2006 - 2012	South African Mineral Development Company (Pty) Ltd	Davidspoort 499KS, Dwarsrand 500KS, Mooiplaats 516KS, Zwarthoek 501KS,	No apparent drilling.
2006 - 2013	Lesego Platinum Mining (Pty) Ltd	Dal Josephat 451KS, Eerste Regt 502 KS, Government Ground 503KS, Koppieskraal 475KS, Olifantspoort 479KS, Spelonk 478KS	Fifty-six boreholes drilled, all on the eastern flank of the dome, most of which intersected the Merensky Reef and UG2, resulting in a Measured, Indicated and Inferred Resource.

On the basis of these intersections and the presence of Main and Critical Zone lithologies in close proximity to the eastern flank of the Phosiri Dome, it was demonstrated that the doming of the metasediments which form the Phosiri Dome had had an impact on Critical Zone lithologies. It was therefore postulated that the potential existed for the Merensky Reef and UG2 chromitite to occur at depths above what was currently being economically mined in South African underground platinum mines.

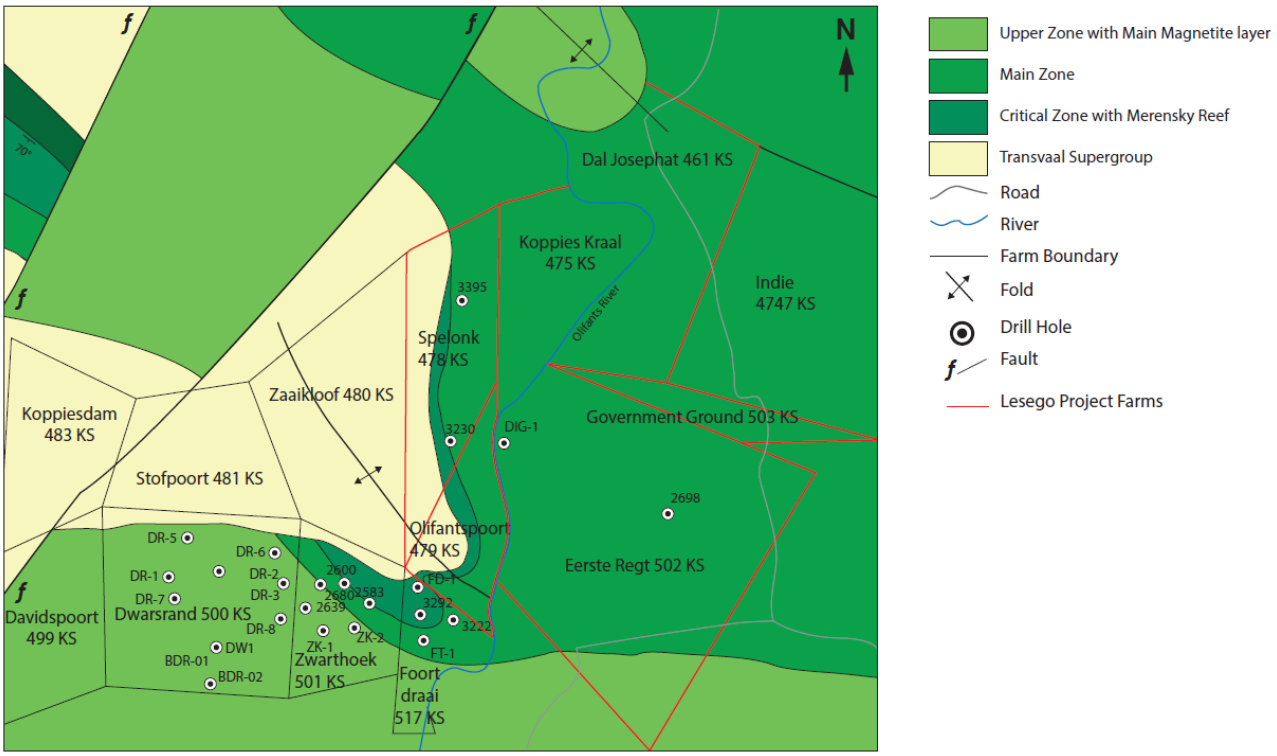


Figure 4: Historical Exploration and Drilling on the flanks of the Phosiri Dome

Exploration Methodology and Exploration Results

A re-evaluation of the past exploration results from the 1980's and 1990's in 2004 by Lesego Platinum Mining (Pty) Ltd resulted in the decision to undertake further exploration in the area in a phased program, consisting of historical data compilation, geological mapping and trenching, soil geochemistry, a 2D seismic reflection survey, a gravity survey, airborne magnetics and diamond exploration drilling, the results of which are summarised below.

Geophysics

Seismics. In September and October 2006, a 2D Low Velocity Layer (LVL) seismic refraction and reflection and ground gravity surveys were carried out by GAP Geophysics (Pty) Limited over the Lesego lease area. The seismic reflection survey was intended to map the distribution and elevations of geological marker horizons within Main and Critical Zone lithologies underlying the lease area and in particular, the thick pyroxenite unit hosting the UG2 Chromitite.

Seismic surveys were shot along five traverses, lines 1 to 5 (Figure 5). Stack and migrated sections from these surveys formed the data input for interpretation. Interpreted seismic profiles are illustrated in Figures 6 and 7.

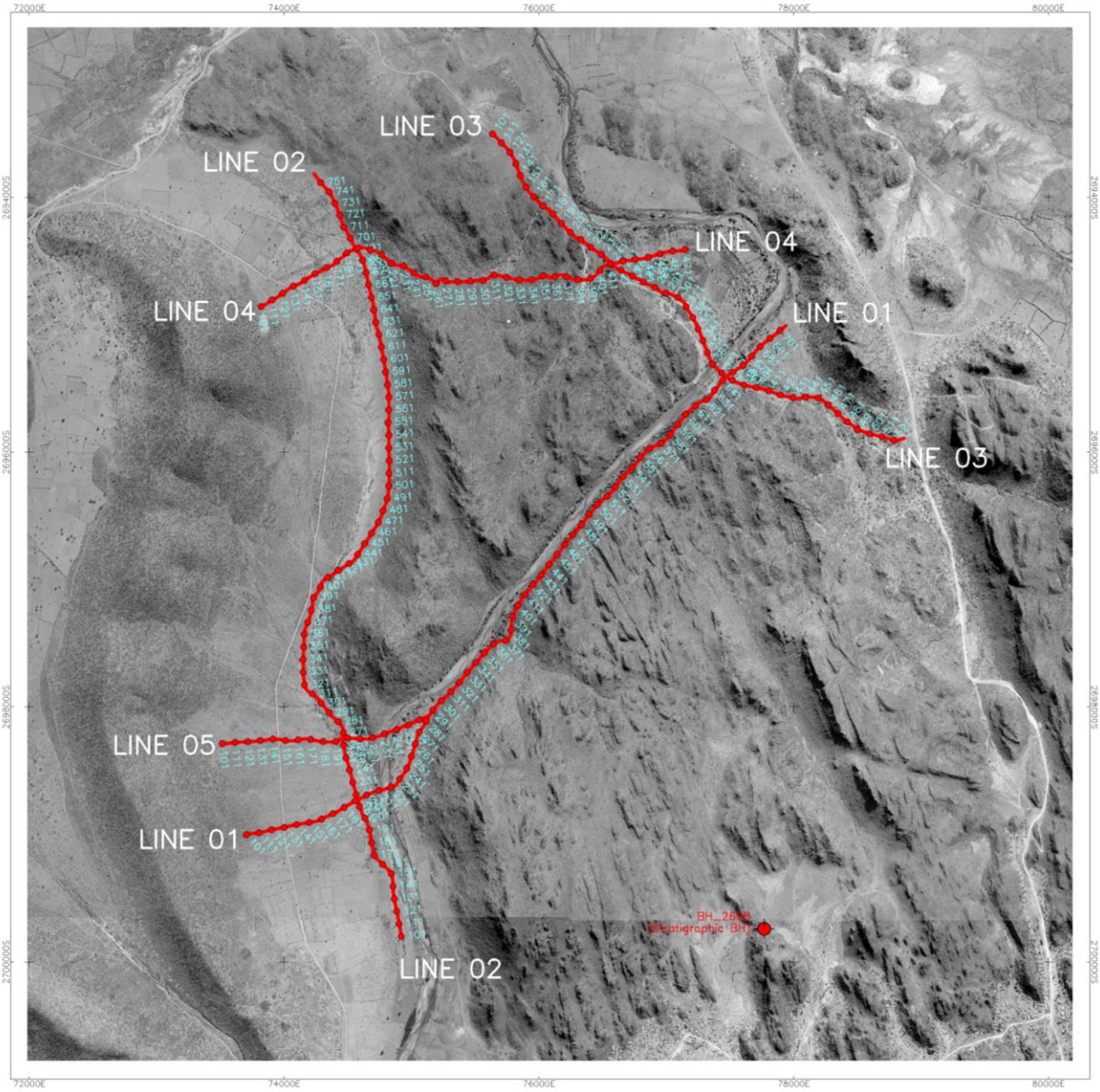


Figure 5: Topographical image from aerial photos showing the seismic traverses and shotpoints (Campbell, 2010).

The survey was successful in mapping 13 seismic marker horizons over the project area from the Upper Main Zone to floor elevations to a maximum floor depth of 3,500 m in the northeast. Markers h_0 to h_10 from Lines 3 and 4 are shown on Figure 6 and Markers h_0 to h_11, as well as the floor rock contact, from Line 1 are shown on Figure 7. The survey showed that Rustenburg Layered Suite horizons comprise an 1,800 m thick, conformable package having an ~NNW strike and ~ENE dip, the latter increasing from ~8°E in the east to ~15°E in the west close to the outcrop location of the floor of the Phosiri Dome. The underlying contact with the Transvaal Supergroup metasediments is discordant in the west with dips of up to 25°E (Figure 7).

Isopach maps created from the survey showed that there is no evidence of large scale faulting or folding over the area surveyed, and sparse, interpreted faults generally have throws less than 20 m (Figure 8). Although these interpreted faults are plotted perpendicular to the seismic lines, they may be orientated obliquely to the lines and may be doming related.

It is apparent that all reflectors are remarkably continuous across the bulk of the project area although they terminate 750 m east of the published location of the floor contact with the eastern flank of the Phosiri Dome (Figure 8). Subsequent drilling revealed that the reason for this loss of response may be explained by a

steepening of key units close to the Phosiri Dome or, in the vicinity of line 2, the presence of vertical sheeted contaminated gabbroic material or the absence of Rustenburg Layered Suite lithologies. Marker horizons h_5 to h_8 (red and dark blue lines, respectively, on Figure 6 have an average separation of 370 m and are interpreted as reflecting the base of the Giant Mottled Anorthosite (which is close to the Bastard/Merensky Reefs) and the UG2 Chromitite interval at the top of the Critical Zone, respectively.

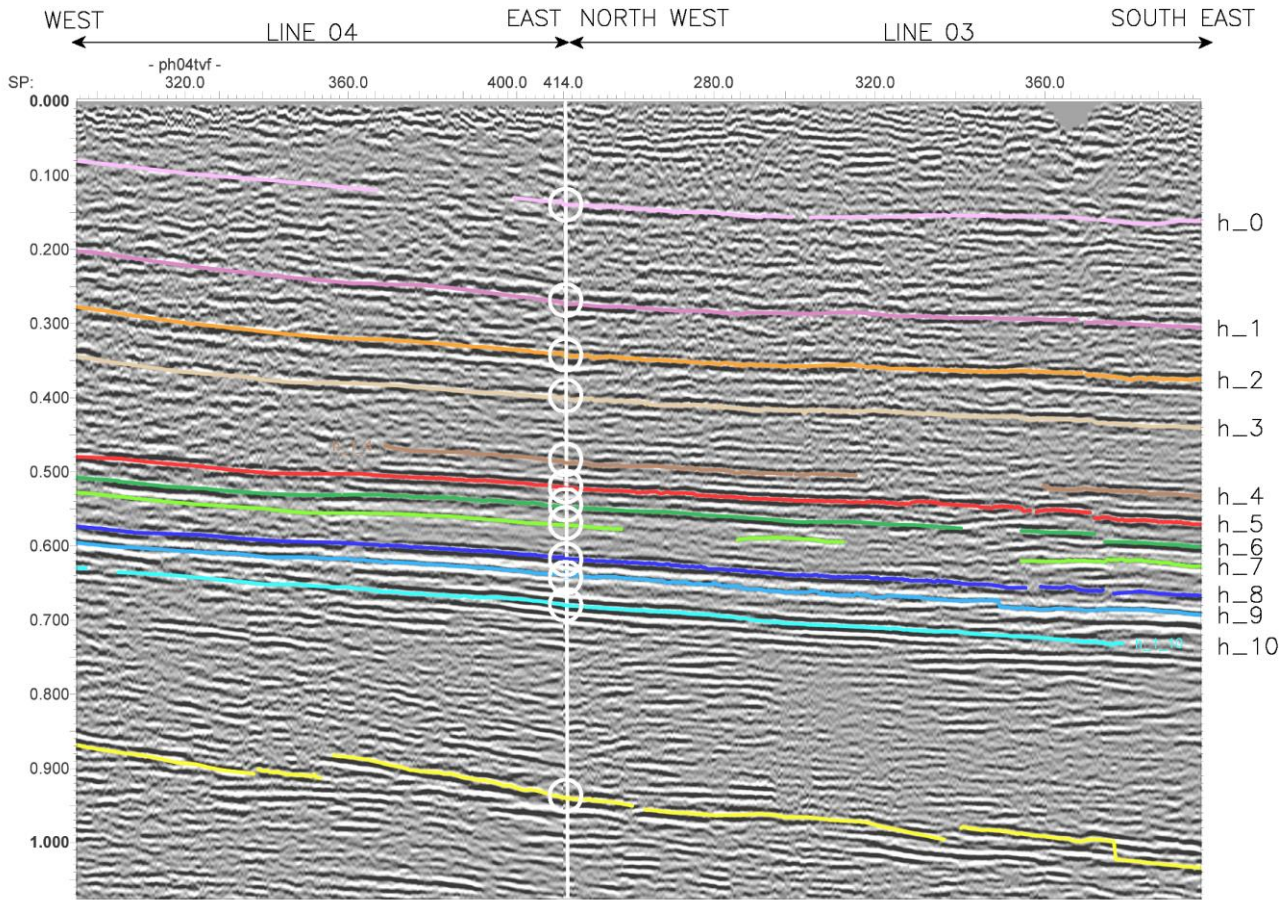


Figure 6: Line 3 and Line 4 fence diagram showing continuity of reflectors and marker horizons H_5 through to H_8 representing the Giant Mottled Anorthosite in red through to the UG2 in blue, with the yellow line representing the floor contact of the Rustenburg Layered Suite with Transvaal Supergroup metasediments (Campbell, 2010).

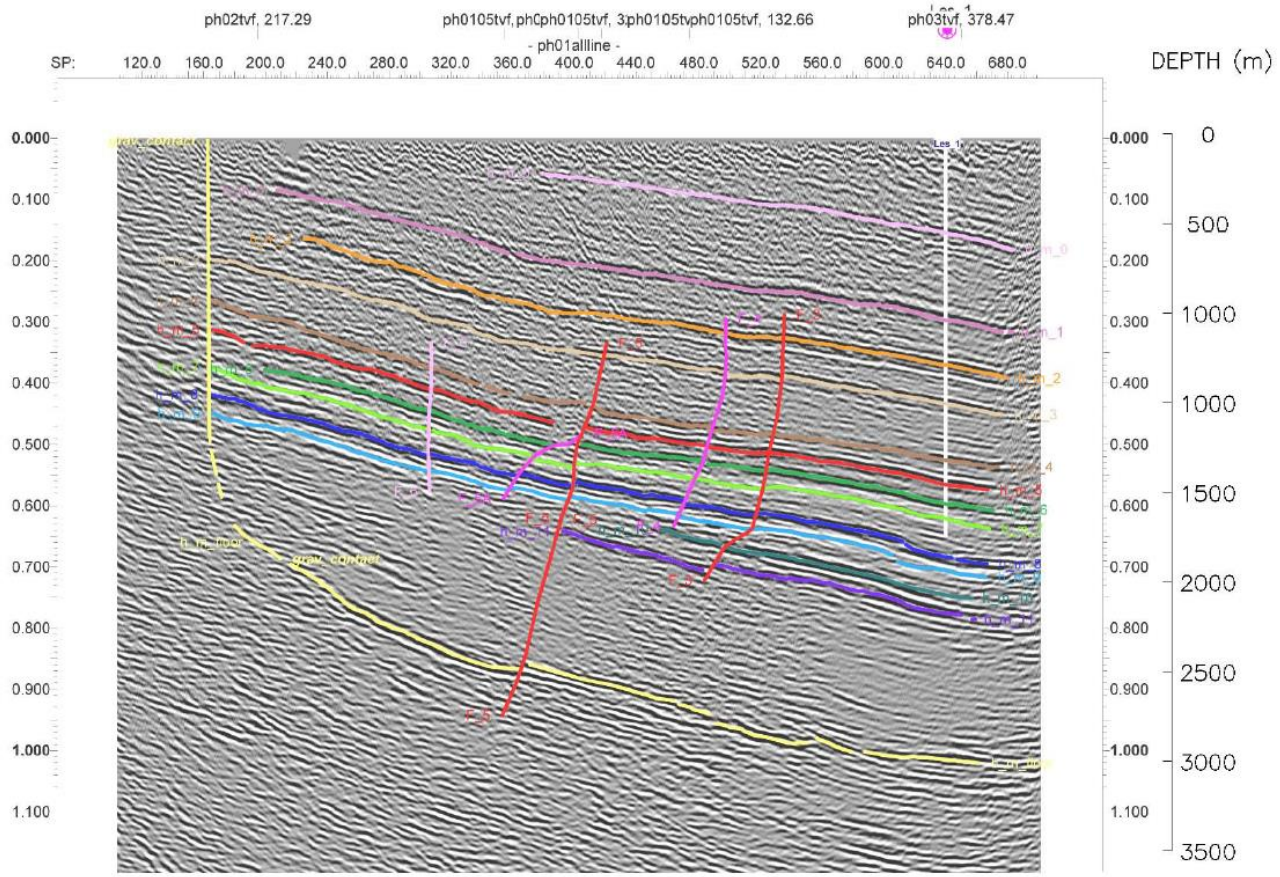


Figure 7: Line 1 migrated section with interpretation overlay showing continuity of reflectors and marker horizons H_0 through to H_11 with the yellow line representing the floor contact of the Rustenburg Layered Suite with Transvaal Supergroup metasediments and the location of drill hole LES001 in white (Campbell, 2010).

Gravity. Gravity survey work was initiated in an attempt to map the outcrop location of the metasediment – Rustenburg Layered Suite contact on the eastern limb of the Phosiri Dome, given that Main Zone gabbros (ρ = 2.85 to 2.9 gm/cc) are significantly denser than the quartzites of the metasediments (ρ = 2.7 gm/cc). Work elsewhere has shown the technique is not particularly sensitive in "normal" Bushveld environments, where contacts typically dip less than <20° and the presence of denser metapelites and sills in the Pretoria Group are not as distinctive from the Rustenburg Layered Suite as that of quartzite. The presence in this locality of a steeply dipping contact rendered the gravity approach viable. Although the area covered by of all seismic traverses were surveyed, attention focused on "contact-type" anomalies over the westernmost ~ 2 km of each traverse.

The published outcrop location of the contact with the Pretoria Group metasediments (Molyneux, 1998; Uken, 1998) shows little correlation with the gravity data (Figure 9). The black arrows in Figure 9 maps the probable western extent of Rustenburg Layered Suite rocks based on the interpretation of gravity profile data at the western ends of traverses 01, 05 and 04, showing a shift of approximately 100 m east of the published floor contact (Campbell, 2010).

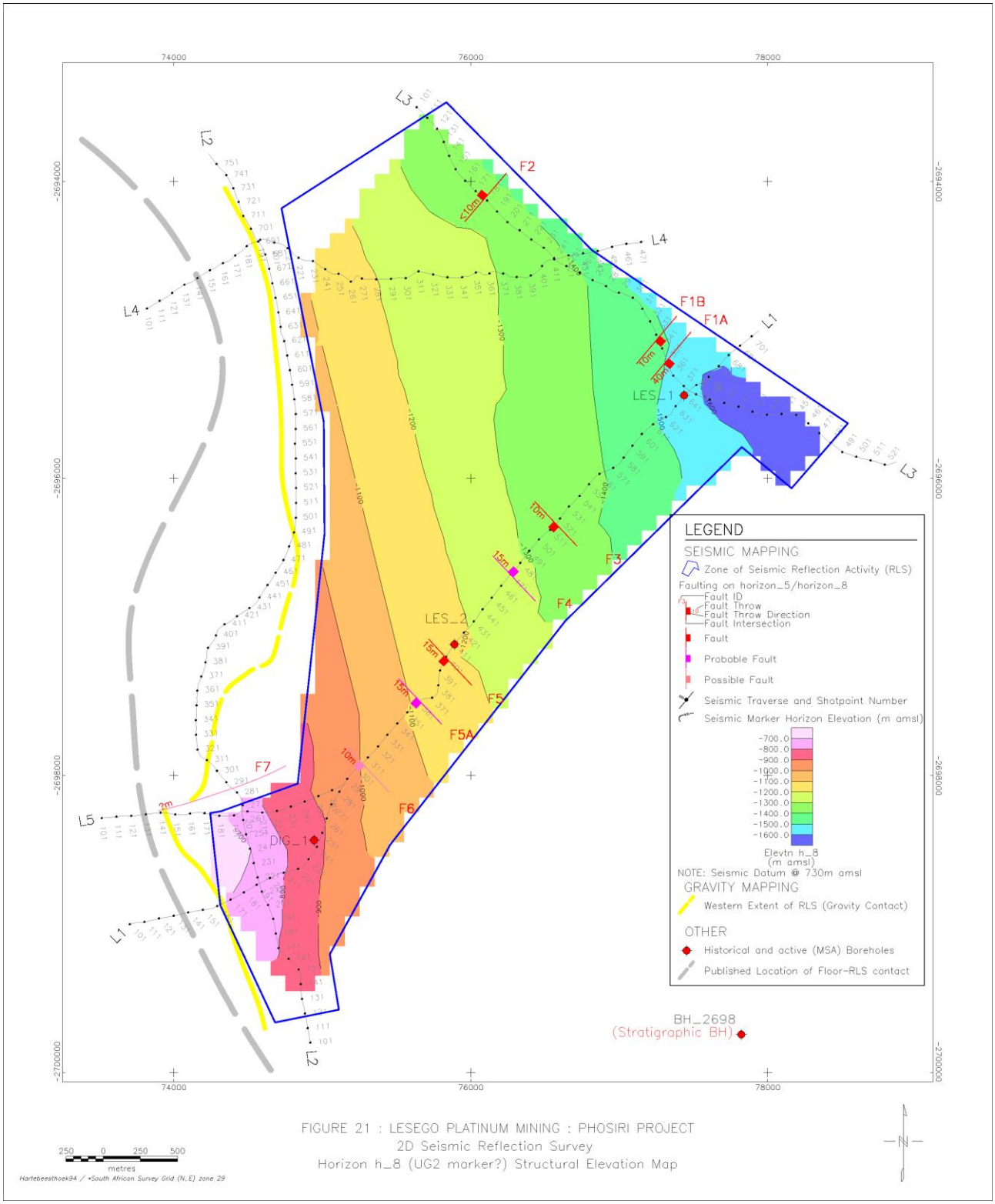


Figure 8: Isopach map of the UG2 Chromitite modeled from the results of the seismic survey showing its continuity and the relative paucity of structural disturbances. The western extent of the Rustenburg Layered Suite as derived from the Lesego gravity survey is indicated with the dashed yellow line, whilst the published location of the Transvaal Supergroup – Rustenburg Layered Suite contact is shown by the grey dashed line (Campbell, 2010).

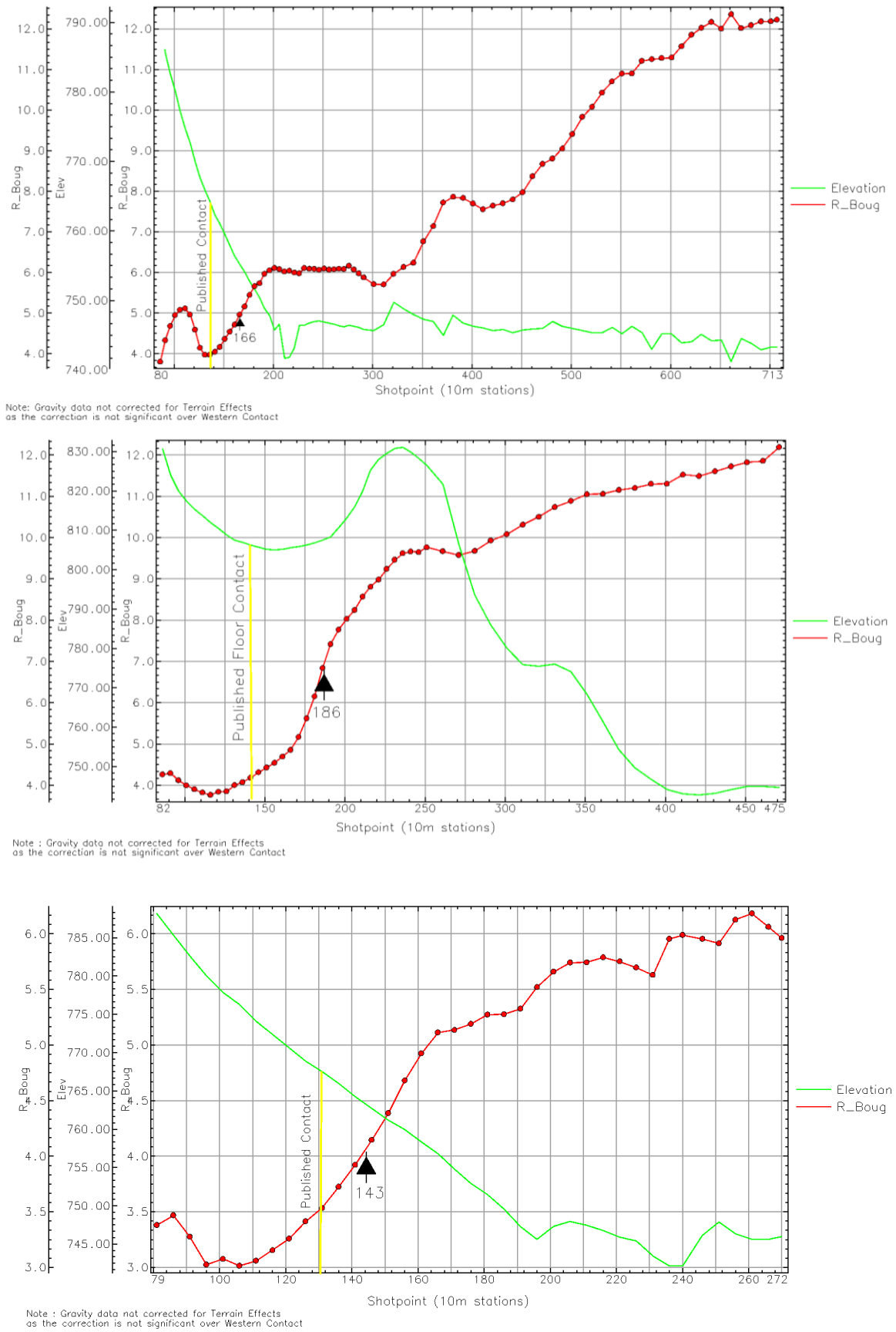


Figure 9: Bouguer Gravity and surface elevation profiles along seismic lines 01 (top), 04 (middle) and 05 (bottom), illustrating the published floor rock contact and the suggested floor rock contact (black arrow) based on increased density of the Rustenburg Layered Suite lithologies (Campbell, 2010).

Aeromagnetics. High-resolution aeromagnetic, DTM and radiometric surveys over the project area mapped the outcrop distribution of Transvaal Supergroup footwall metasedimentary rocks plus Bushveld Complex Main and Upper Zone lithologies. The area flown is shown in Figure 10. The geophysical mapping results largely conformed to published regional geology except over the south of the area, where the location of the Upper Zone contact was refined and mapped approximately 400 m further south than mapped by Schwellnus *et al.,* 1962).

Figure 10 highlights the discordance of the Rustenburg Layered Suite with the southern and eastern flanks of the Phosiri Dome. Critical, Main and Upper Zone lithologies are all present and outcrop within 1,500 m of the southern flank of the Dome, whilst only Main Zone lithologies are apparent proximal to the east flank of the Dome.

The presence of younger cross-cutting dykes appears restricted to 3 sets of NNE striking sets and two sets of NW striking dykes, which, with one exception, outcrop to the north or east of the lease area (Figure 10).

Apart from the Stofpoort and Wonderkop Faults to the west of the Phosiri Dome and the NW trending fault in the north of the area, there are no obvious faults with large displacements that were detected within the lease area from the airborne data.

Twenty-one possible small iron-rich ultramafic pegmatite (IRUP) bodies occur as pipe, vein or sheet like bodies, ranging from a few meters to several tens of meters. According to Viljoen and Scoon, 1985, these formed post-cumulate crystallisation. Magnetite plugs also outcrop over the lease area. Their maximum diameter ranges only up to 130 m and they are recognizable as discrete positive magnetic anomalies on the airborne geophysics (Figure 10).

In general, geophysical findings indicate a relative paucity of “loss-of-ground” features, although strike faulting is not readily mapped with this technique and cannot be ruled out.

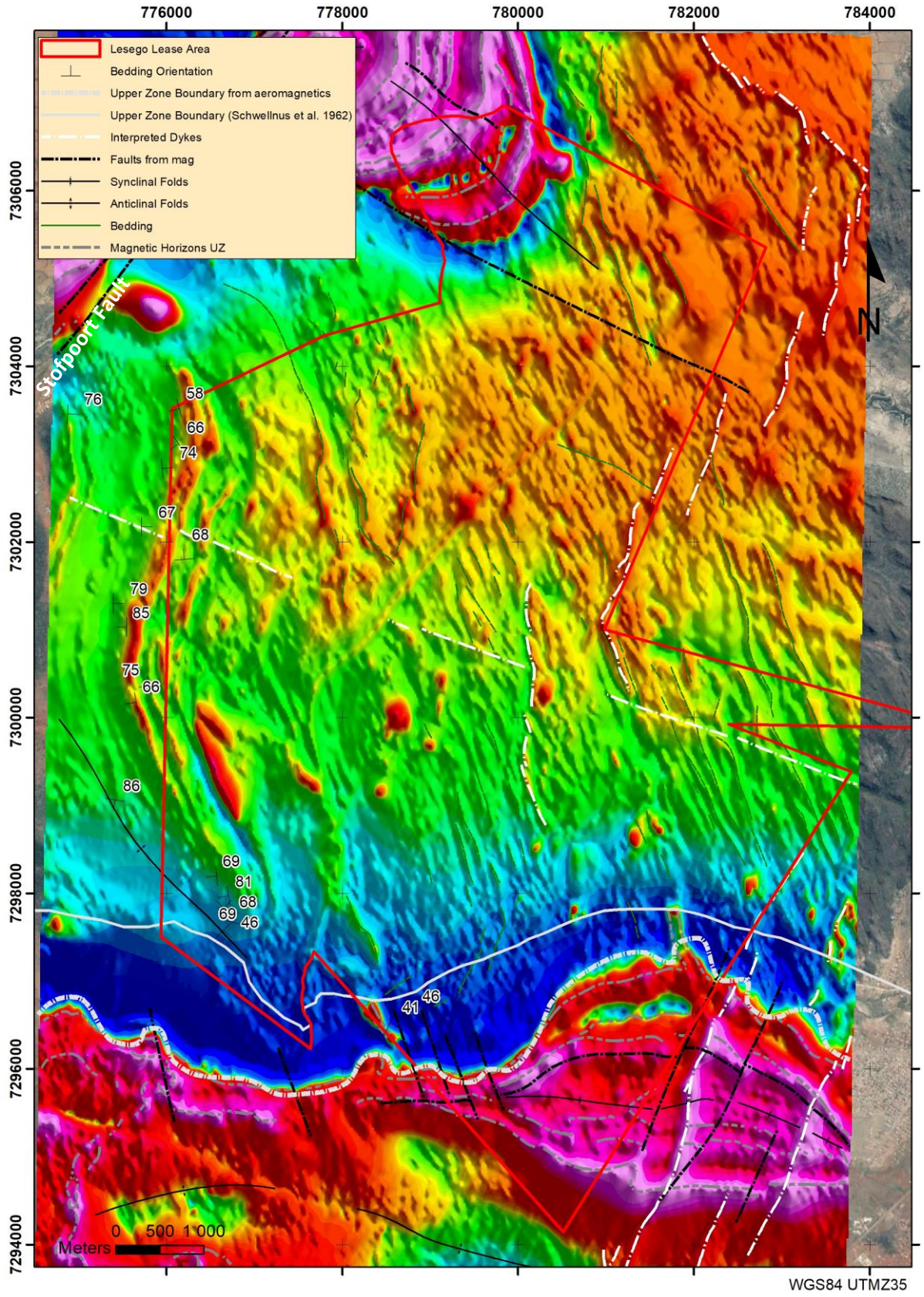


Figure 10: Total field magnetics image from the aeromagnetic survey flown over the project area showing interpreted faults (in black) and dykes (in white) (after Campbell, 2010). Red and purple indicates areas of relatively high magnetic intensity, highlighting IRUPS, dykes, Upper Zone lithologies and the Vermont Formation of the Pretoria Group, whilst green areas indicate areas of relatively low magnetic intensity of Main, Critical Zone and Transvaal Metasedimentary rocks. Note the shift of the Main Zone – Upper Zone boundary to the south based on the magnetic signature of the Upper Zone lithologies (after Schwellnus et al., 1962 and Campbell, 2010).

Soil Geochemistry

In August 2007 a soil sampling survey was carried out along 13 traverses perpendicular to the western slope of the eastern flank of the Phosiri Dome (Figure 11). A total of 430 individual samples were collected at station intervals of 50 m, covering an area 6.5 km long and approximately 1.5 km wide. The survey was designed to geochemically assess the potential presence of sub-outcropping Upper Critical Zone rocks, including the UG2 Chromitite and the Merensky Reef. The survey area is covered by sandy soils in the relatively flat-lying eastern part and by rock scree along the slopes of the ridge along the western boundary that is underlain by Pretoria Group metasediments. Samples were dried and screened to -0.18 mm prior to an aqua regia digestion and multi-element analysis using an ICP-MS finish.

The gridded and contoured chromium (Cr) values in soil for the 430 samples are shown in Figure 11. The observed overall decrease in Cr content to values below 50 ppm Cr towards the outcropping Main Zone rocks in the east is consistent with published whole-rock data for the upper Critical Zone – Main Zone transition (Sharpe, 1985).

The relatively high Cr concentrations (maximum of 405 ppm Cr along line 8) of the eastern flank of the Phosiri Dome are interpreted to indicate the presence of Critical Zone rocks. The linear anomaly of Cr values above 150 ppm Cr (stippled line in Figure 11) between sampling lines 1 and 11 is noteworthy and best explained by one or more sub-outcropping chromitite layers. Maximum Cr concentrations ranging between 400 ppm and 760 ppm Cr are observed in the immediate vicinity of known outcropping chromitite layers on sampling line 13, which traverses the easternmost part of the southern limb of the Phosiri Dome.

Based on evidence from subsequent trenching and drilling activities, the chrome anomaly in the soil on the eastern flank of the Phosiri Dome is probably the result of sub outcropping UG1 or MG chromitites, or else the remnants of a very thin (less than 2 cm) and highly disturbed UG2 Chromitite which was exposed and mapped in subsequent trenching activities.

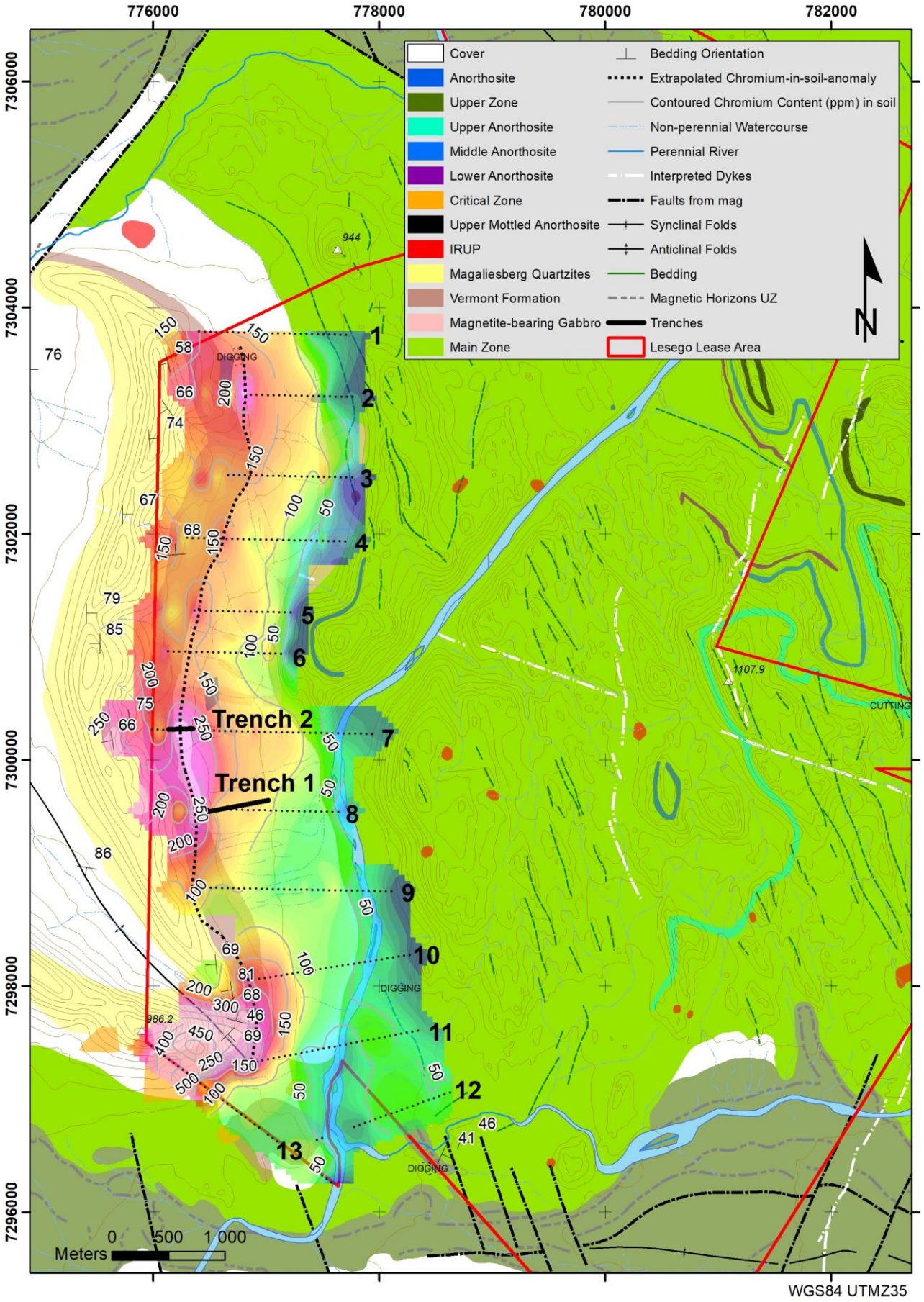


Figure 11: Geological map showing chrome in soil values and mapped and interpreted structures in the Lesego project area, as well as the location of the two trenches. The dotted line refers to the 150 ppm Cr in soil contour (after Schwellnus et al., 1962 and data compiled by the author).

Geological Mapping and Trenching

Geological mapping by the Lesego team resulted in the tracing of the Upper, Middle and Lower Anorthosites of the Main Zone on Dal Josephat and Eerste Regt farms (Figure 11). The continuity of the mapped horizons suggested an absence of significant faulting in the mapped area, which correlated with the results of the seismic survey.

Two trenches were excavated across the contact between the metasediments and the rocks of the Rustenburg Layered Suite approximately 280 m apart along strike on the eastern flank of the Phosiri Dome on Spelonk 478 KS (Figure 11). Both trenches showed that the metasediments are intercalated with the Rustenburg Layered Suite on a centimeter to tens of centimeter scale. It was not possible to discern any foliations in Rustenburg Layered Suite lithologies in the intercalated rocks, so it is unclear on whether the intercalation is tectonic or intrusive. Lithologies are overturned, showing steep (>60°) dips to the west. Little structure could be discerned owing to the high degree of weathering.

Two chromitite layers were exposed in the southern-most trench, Trench 1. The most westerly chromitite (Chromitite 1) exposed in the trench is a 67 cm thick, west dipping (~60°), fine-grained unit hosted by a coarse-grained feldspathic pyroxenite. The second chromitite layer (Chromitite 2) is a 111 cm thick, fine-grained chromitite unit with a mottled anorthosite hangingwall and a very coarse-grained feldspathic pyroxenite footwall unit, striking in a north-south direction and dipping steeply (~55°) to the west. These layers do not appear to be continuous along strike, as the only chromitites intersected in Trench 2 to the north were small (<5 cm), irregular disseminated chromitites within a coarse-grained feldspathic pyroxenite.

The Pt:Pd ratio of Chromitite 1 and Chromitite 2 is similar to that of the average of the Pt:Pd ratio of the UG1B and UG1A respectively, intersected in exploration drill holes LES013, LES026, LES032 and LES059, presented in Table 7, indicating that Chromitite 1 is the UG1B and Chromitite 2 is the UG1A. Both layers have thinned from an average thickness of 121 cm for the UG1A and 148 cm for the UG1B to the values recorded in the trench. No other chromitite occurrences which could be correlated with the UG2 were mapped in the trenches.

Table 7: PGE+Au, Ni and Cu grades over the entire sampled width of the two chromitite horizons identified in Trench 1, as well as the average grades from all UG1A and UG1B intersections from Lesego's exploration drill holes.

	Width (cm)	4E	Pt	Pd	Rh	Au	Cu	Ni	Pt/Pd
Units	*cm*	*g/t*	*g/t*	*g/t*	*g/t*	*g/t*	*ppm*	*ppm*	
Chromitite 1 (Trench 1)	**67**	**0.87**	**0.55**	**0.16**	**0.15**	**0.01**	**60.87**	**148.46**	**3.44**
Chromitite 2 (Trench 1)	**111**	**1.09**	**0.57**	**0.37**	**0.14**	**0.01**	**52.65**	**175.61**	**1.54**
Average UG1A	**121**	**0.93**	**0.36**	**0.44**	**0.11**	**0.03**	**229.4**	**957.56**	**1.50**
Average UG1B	**148**	**1.28**	**0.60**	**0.49**	**0.17**	**0.01**	**81.34**	**929.04**	**3.59**

Uken (1998) noted the previously unpublished presence of a "thin, up to 600 m wide sliver of granite from the Lebowa Granite Suite" in contact with the eastern limb of the Phosiri Dome, which appears to have masked Critical Zone lithologies from surface mapping. These felsic rocks were subsequently lithologically classified from petrographic studies from trench samples by the Lesego team as a weakly altered weakly altered gabbronorite.

A petrographic investigation (Thatcher, 2011) of the same material from drill hole LES035 showed that the material consists of a weakly altered (saussuritised, chloritised, amphibolised), fine- to medium-grained (<50 µm to 4.24 mm), igneous-textured rock with no obvious mineral fabrics. The modal composition consisted of ~45% plagioclase, including minor internal saussurite, ~39% clinopyroxene (augite), including minor internal alteration to hornblende, ~8.5% biotite, including minor alteration to chlorite, 7.5% opaque minerals, and some minor apatite. It is therefore classified as a magnetite-biotite-bearing gabbro.

Exploration Drilling

Following on from the completion of the seismic survey, an initial series of five diamond boreholes (LES001 to LES005, Figure 15) were drilled along the seismic lines to test the nature of the identified reflectors and to obtain a statistically relevant sample of intersections to allow for a reasonable estimate of average global grades for both the UG2 Chromitite and Merensky Reef. This drilling confirmed that marker horizons h_5 and h_8 (Figure 6) represented the Bastard/Merensky Reef and UG2 Chromitite layers respectively.

A further 51 diamond boreholes (Figure 15) successfully delineated both the Merensky and UG2 reefs from 350 m below surface down to 2,250 m. Both reefs show a strike extent of approximately 2,000 m at 350 m depth but this strike length increases considerably at approximately 700 m below surface, and then to approximately 3,500 m at 1,200 m depth and the reefs achieve a full ~7,000 m of strike length at approximately 1,600 m below surface (Figure 12). It is postulated that the Phosiri Dome restricted the formation of the reefs to the north and south of the shallow portions of the ore body and a synclinal structure along the eastern flank of the Phosiri Dome with the fold hinge plunging at 80° in westerly direction (Figure 12) provided enough space to accommodate the formation of the reefs within the Critical Zone package. The Phosiri Dome has had a dramatic effect on the orientation of the reefs close to the flanks of the Dome. At a depth of 350 m, the reefs dip at approximately 80° to the east, gradually changing to ~30° at 1,200 m depth below surface and flattening out to a constant 10° towards the east at 1,600 m below surface (Figure 12).

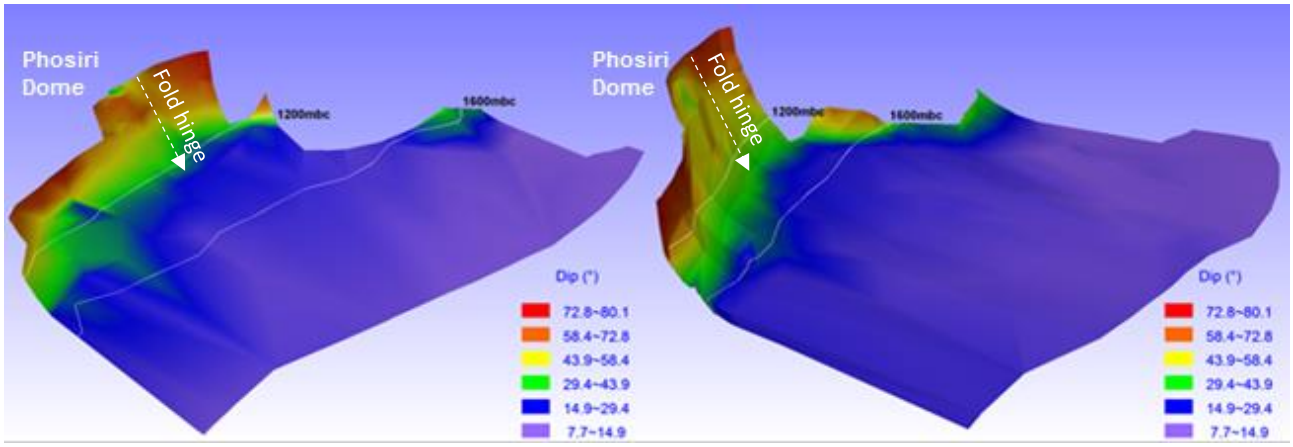


Figure 12: Wireframe model showing the extent and dip of the Merensky Reef (image on the left) and UG2 chromitite (image on the right) looking from the southeast towards the eastern flank of the dome.

Between depths of approximately 350 m and surface on Spelonk and Olifantspoort, there appears to be an extensive amount of gabbroic material contaminated with anatectic melt (Figure 13) from floor (or possibly roof) metasedimentary rocks, which have intruded into the mafic-ultramafic rocks of the Rustenburg Layered Suite. This may have possibly played a role in obliterating any Critical Zone rocks on surface adjacent to the eastern flank of the dome on Olifantspoort and the southern portions of Spelonk, save for a small window of Critical Zone rocks mapped in trenches directly adjacent to the dome, as highlighted by the soil chrome anomaly in Figure 11.

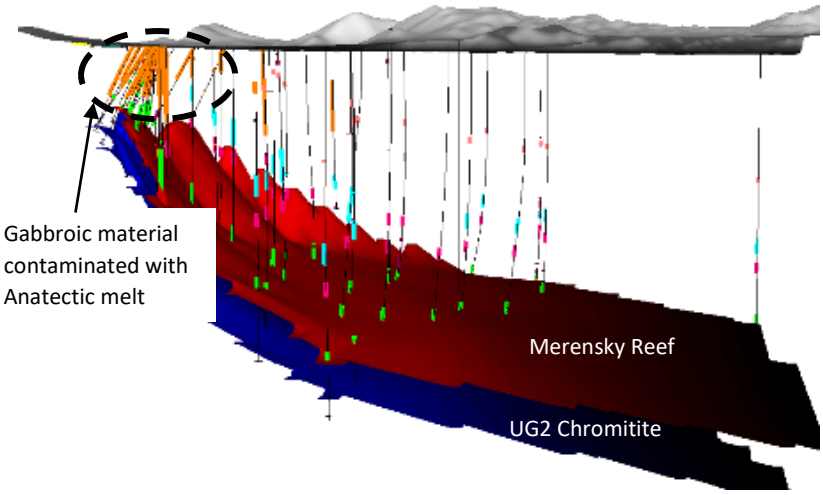


Figure 13: Three-dimensional view looking north of the exploration drill holes on the Phosiri Project showing in orange gabbroic material heavily contaminated with anatectic melt.

The presence of this contaminated gabbroic material explains the paucity of reflectors in the seismic survey close to the eastern flank of the Phosiri Dome, and possibly played a role in the disruption of mineralisation mechanisms in the formation of the Merensky Reef and UG2 Chromitite.

The drilling confirmed that the eastern flank of the Phosiri Dome appears to be less disrupted than the southern flank and, whilst the Bushveld Complex lithologies are shown to be steeply inclined close to the footwall contact, the seismic and drilling evidence shows a substantial 'flattening' of dip approximately 1,700 m east of the footwall contact, creating a large area of sub-horizontal, largely undisturbed, Rustenburg Layered Suite lithologies at a depth of approximately 1,200 m adjacent to the eastern flank (Figure 12).

The influence of the Phosiri Dome is especially evident in the anorthositic hangingwall to the Merensky Reef in proximity to the Phosiri Dome. The anorthosite commonly shows characteristics of strain in the form of deformed large intercumulus pyroxene mottles (Figure 14), indicating deformation due to the emplacement of the Phosiri Dome after the crystallisation of the mottled anorthosite.



Figure 14: Photograph of drill core from drill hole LES039 located approximately 400 m from the Phosiri Dome, showing the deformed mottled anorthosite hangingwall to the Merensky Reef pyroxenite. The mottled anorthosite shows strong foliations, indicating strain probably due to the post crystallisation emplacement of the Phosiri Dome.

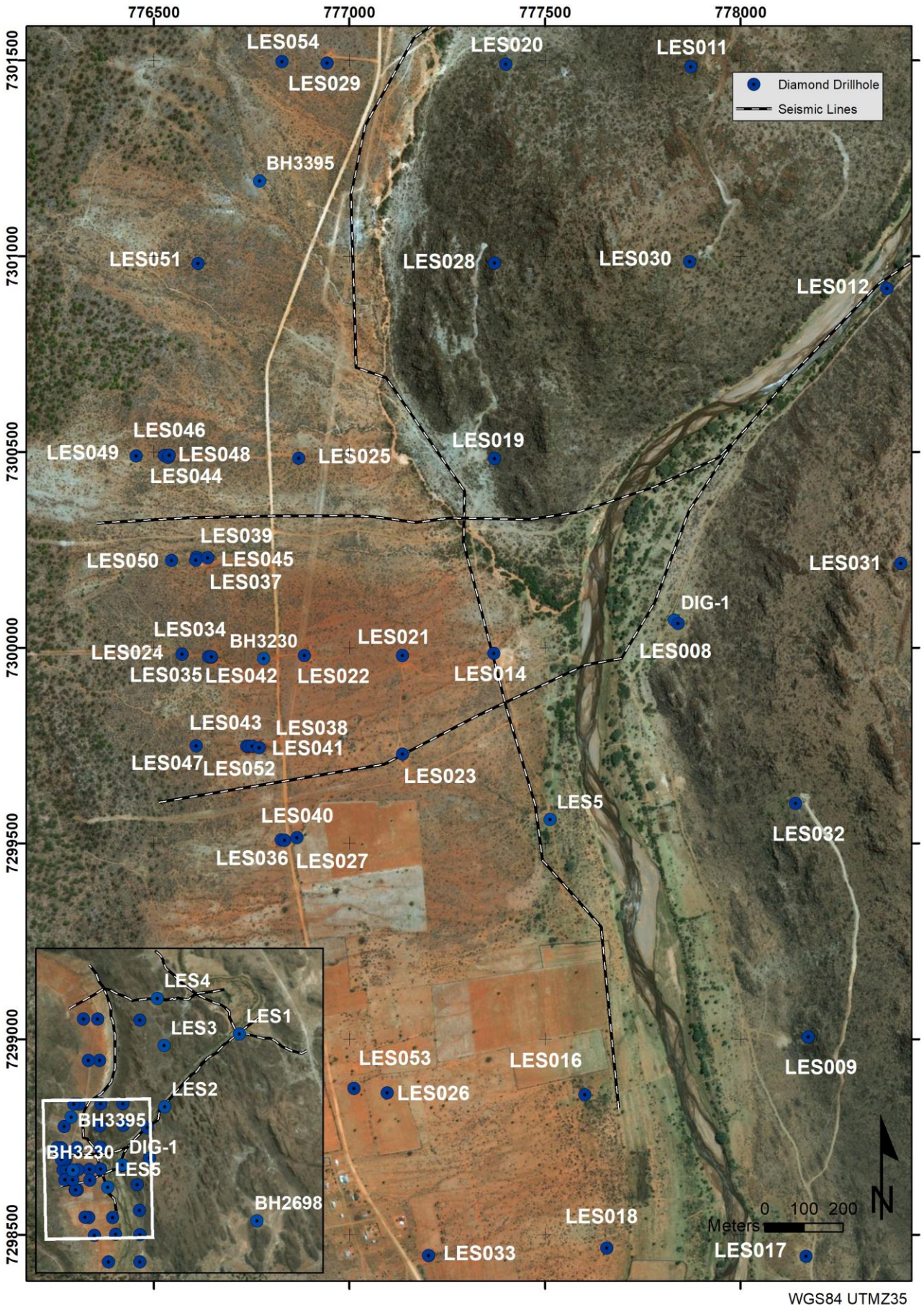


Figure 15: Location of all diamond exploration drill holes drilled on the Lesego lease area, as well as the seismic traverses conducted in 2007. The white block on the inset denotes the area displayed in the main image.

Lithology and Petrography

UG2 Chromitite Horizon

The UG2 Chromitite package on the Lesego Lease Area appears similar to the stratigraphy developed at Lonmin's Limpopo Division (previously Messina Platinum Mine) (Von Gruenewaldt *et al.*, 1990; Lea, 1996), and at Bokoni Platinum Mine (previously Atok Mine) (Mossom, 1986). The UG2 lies between 200 m and 300 m below the Merensky Reef package. The footwall to the UG2 package is a noritic unit of variable thickness (Figure 15). A basal feldspathic pegmatoidal pyroxenite unit of varying thickness forms the immediate footwall to the main UG2 chromitite seam which is generally between 80 cm and 130 cm thick. Overlying the pegmatoidal pyroxenite unit is the main chromitite seam, which is approximately 110 cm thick. In places, the main chromitite seam is split by a pyroxenite parting varying from a few centimeters to up to 1.5 m thick. The leader chromitite seam occurs in relatively close proximity to the upper contact of the main chromitite seam (within 25 cm to 80 cm). Where the parting is present, the leader chromitite moves proportionally further away from the main chromitite seam, up to several meters in places. On this basis, the UG2 has been divided into two main facies, a "single reef" and "split reef" facies (Figure 16).

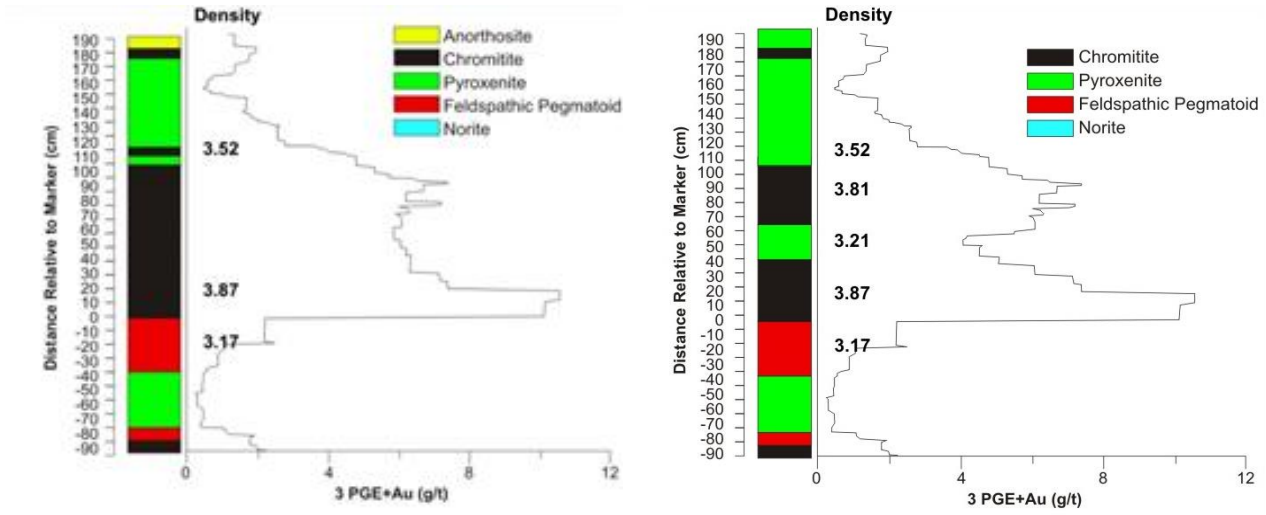


Figure 16: Typical stratigraphy and grade profile across the UG2 Chromitite in the Lesego Lease Area. (a) Single reef facies, (b) Split reef facies with two chromitite seams separated by a pyroxenite parting compiled from composite boreholes (after Njowa and Clay, 2010).

Merensky Reef

The Merensky Reef and Bastard Reef stratigraphy observed within the project area are typical of the north western part of the Eastern Limb of the Bushveld Complex (Lea, 1996), and would be classified as "Thick Reef" based on Cawthorn's (2011) reef facies classification system.

The immediate footwall to the Merensky pyroxenite is an oikiocrystic chloritised norite. There is evidence in several boreholes of the development of multiple layers of mineralised Merensky pyroxenite and pegmatoid containing significant quantities of PGE+Au, a situation similar to that observed on the easternmost leaseholds of Lonmin's Limpopo Mine (Von Gruenewaldt *et al.*, 1990; Lea, 1996).

The Merensky pyroxenite consists of a moderate to thick pyroxenite package (generally 4 to 15 m) with a centimeter - scale chromitite stringer occurring between 20 cm to 90 cm below the hanging wall norite/pyroxenite contact (Figure 17).

A second, usually more robust chromitite stringer commonly occurs at the base of the internal pyroxenite unit. This pyroxenite unit corresponds to the more traditional hangingwall pyroxenite seen at Limpopo Mine (Lea, 1996).

The chromitite units consist of 70 - 90% modal chromite, present as euhedral to rounded grains varying in size from 0.1 mm – 1 mm. In places, chromite grains coalesce to form semi-massive chromite seams that can reach a thickness of 3 – 4 mm. The intervening silicate phase between chromite grains consists of a combination of plagioclase and orthopyroxene crystals (10 - 20%), with smaller quantities of plagioclase (5 - 10%), rutile (1%) and base metal sulphides (2 - 3%). The lower contacts of the chromitites are generally sharp, whereas the upper contacts are gradational (Price, 2015).

Below the lower chromitite stringer a footwall feldspathic pegmatoidal unit of variable thickness is generally present, corresponding to the traditional M2 Pegmatoid in the Limpopo Mine area (Lea, 1996). The pegmatoidal pyroxenite is characterised by coarse, rounded crystals of orthopyroxene reaching 4 mm – 18 mm in size, in addition to commonly poikilitic plagioclase and clinopyroxene. Plagioclase exhibits a distinctive interstitial texture, whereas large oikocrysts of clinopyroxene up to 20 mm in size enclose smaller sub-millimetre orthopyroxene chadacrysts.

Some large orthopyroxene grains appear to be composite grains consisting of multiple crystals forced together. Olivine occurs sporadically as large 1 cm crystals and is typically heavily serpentinised. Abundant accessory phases are identified, including hornblende, phlogopite, chromite, apatite, quartz, monazite, carbonate veining and various sulphides, mainly pyrrhotite, pentlandite, chalcopyrite and pyrite, in that order of relative abundance.

Most of the visible sulphide mineralisation occurs within the pyroxenite unit and appears to be concentrated in and around the uppermost chromitite stringer. Visible sulfide mineralisation extends into the footwall feldspathic pegmatoidal pyroxenite as well as the norite hanging wall, albeit to a lesser extent. PGE grade is concentrated between the two chromitite stringers and into the underlying pegmatoidal feldspathic pyroxenite (Figure 16), similar to that described by Mitchell and Scoon (2007) on the Central Sector of the Eastern Limb at Winnaarshoek, approximately 50 km east of the Lesego Project.

The Bastard unit in the Lesego Lease Area consists of norite and feldspathic pyroxenite with rare interstitial sulfides and, locally, a basal chromitite stringer. The sequence between the Bastard Pyroxenite and the Merensky cycle consists of a well-developed package of mottled anorthosite (thicknesses of between 5.6 m and 4.4 m) grading into a spotted anorthosite (thicknesses of between 3.8 m and 2.9 m) and finally a gradational change into a leuconorite (thicknesses between 2.7 m and 1.3 m).

The immediate hangingwall to the Bastard cycle is the Giant Mottled Anorthosite (GMA) of Subzone A of the Main Zone (Figure 2) (SACS, 1980). A well-developed GMA sequence is observed at Lesego, in general ranging in thickness from 61 m to 79 m.

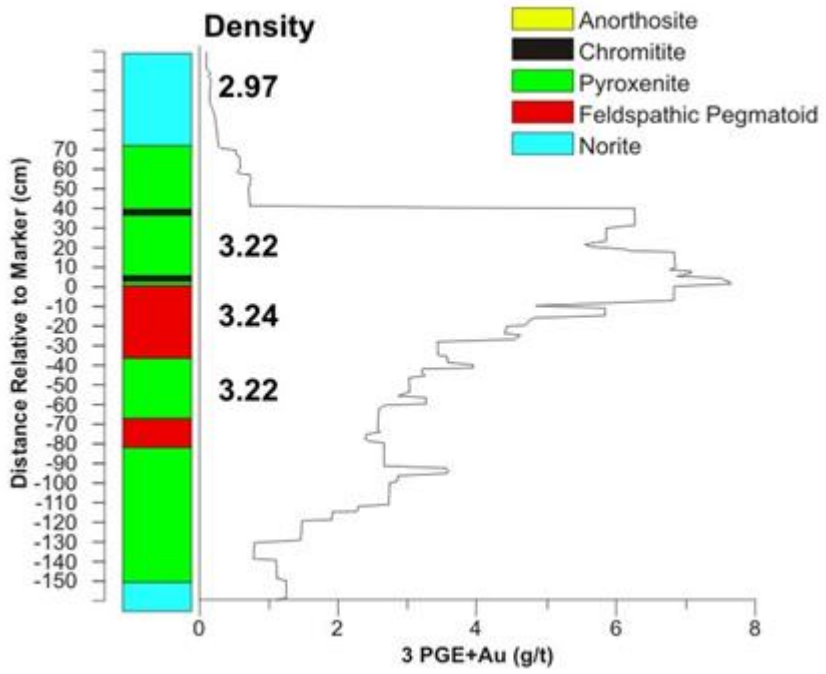


Figure 17: Typical stratigraphy representing the average width and grade profile compiled from composite boreholes across the Merensky Reef in the Lesego Project Area (after Njowa and Clay, 2010).

Precious Metal Mineralogy

Two separate mineralogical studies were carried out (Buurman, 2015; Price, 2015) to determine the composition, distribution, size and abundance of PGM across a complete section of the Merensky Reef from the Lesego Project area, as well as to deduce what effects, if any, the emplacement of the Phosiri Dome has had upon the mineralogy of the Merensky Reef and the PGM distribution present.

The Pt-Pd sulfides cooperite and braggite are typically the most common PGM, with considerable Pt-Pd tellurides and lesser Pt-arsenides, in addition to the Ru sulfide laurite, in the Merensky Reef in this area of the Bushveld (Schwellnus *et al*., 1976; Kinloch and Peyerl, 1990).

The pegmatoidal feldspathic pyroxenite including the two chromitite seams from drill holes LES037, LES034, LES036, LES040, LES034, LES024, LES022 (Figure 14) was sampled and analyzed by Buurman (2015), whilst the hanging wall, reef and footwall rocks from drill holes LES019 and LES025 (Figure 14) were sampled and analyzed by Price (2015). The samples were examined by transmitted light microscopy, reflected light microscopy and scanning electron microscope (SEM).

The dominant precious metal minerals (PMM) identified using SEM in the thin sections of the borehole samples taken from the pegmatoidal feldspathic pyroxenite are cooperite (33.11%), moncheite (29.18%), sperrylite (13.44%), braggite (7.21%), laurite (5.57%), kotulskite (3.61%), platarsite (2.3%) and michernite (1.64%); the presence of hollingworthite, niggliite, palladoarsenide and rustenburgite was noted (Buurman, 2015; Price, 2015).

In the samples taken from across all lithological horizons of the Merensky Reef in drill holes LES019 and LES025), the PGE sulfides are mainly braggite, cooperite, laurite, an unnamed CuPtRh sulfide and vysotskite, which account by count for 40.0% of total precious metal minerals, whereas PGE bismuthotellurides (michenerite and merenskyite) account for 36.4% of all grains. The remaining 23.6% is made up of minor precious metal minerals.

Price (2015) demonstrated that the highest PMM count by number and area are primarily in the chromitite units and that the PGE mineralisation present is bimodal, with highest concentrations associated in and immediately below the upper chromitite(s) and lesser PGE mineralisation in the thin chromitite atop the footwall anorthosite. These two peaks are separated by several meters of pyroxenites lacking PGE mineralisation. This correlates well with the grade distribution across the Merensky Reef (Figure 17).

The chromitite units and silicate units of the reef have distinctly different PGM assemblages. The bismuthotelluride PGMs occur throughout all rocks and dominate in the silicate lithologies. The chromitite units additionally contain Pt-Pd sulfides, an unnamed CuPt(Rh) sulfide and laurite. This contrast in PGM assemblage is consistent with that previously recorded by Prichard *et al*. (2004) at Impala Platinum Mines, on the western limb of the Bushveld Complex, but it is unknown at this stage how this compares to the PGM assemblage in the immediate vicinity.

Resource Statement

In total, 86,550 m of core was retrieved from the 56 boreholes drilled over the lease area (Figure 15). A global discount of 17% was applied to the resource statement to account for geological losses owing to faulting, potholing, dykes and IRUPs. This drilling resulted in the declaration of a SAMREC compliant resource of 204.18 Mt containing 39.03 million ounces of 3PGE+Au at a grade of 5.95 g/t above a depth of 2,250 m (Table 8) (Hall, 2013).

Table 8: Mineral Resources of the Lesego Project (Hall, 2013).

Resource Classification	Width (m)	Grade (g/t) 3PGE+Au	Cu %	Ni %	Tonnage (Mt)	Moz 3PGE+Au	Cu tons	Ni tons
Measured	1.21	5.61	0.09%	0.21%	43.97	7.94	38 235	91 838
Indicated	1.21	6.05	0.09%	0.20%	83.65	16.26	71 659	168 353
Inferred	1.18	6.03	0.09%	0.21%	76.56	14.83	69 434	160 733
Total Project Mineral Resources		**5.95**	**0.09%**	**0.21%**	**204.18**	**39.03**	**179 328**	**420 924**
MR Mineral Resources	1.09	5.66	0.13%	0.25%	80.47	14.65	101 277	204 878
UG2 Mineral Resources	1.27	6.13	0.06%	0.17%	123.71	24.38	78 050	216 046
Total Project Mineral Resources		**5.95**	**0.09%**	**0.21%**	**204.18**	**39.03**	**179 328**	**420 924**

*After Geological loss of 17% Combined Merensky Reef and UG2 Chromitite

The 4E prill split is consistent for the area with both the Merensky Reef and UG2 chromitite being platinum dominated; the Merensky Reef has a 1.8:1 Pt:Pd ratio, whilst the UG2 has a 1.3:1 Pt:Pd ratio (Table 9).

Table 9: Prill splits for the Lesego Resource

Reef	Pt	Pd	Rh	Au
Merensky Reef	59%	32%	3%	6%
UG2	48%	38%	12%	2%

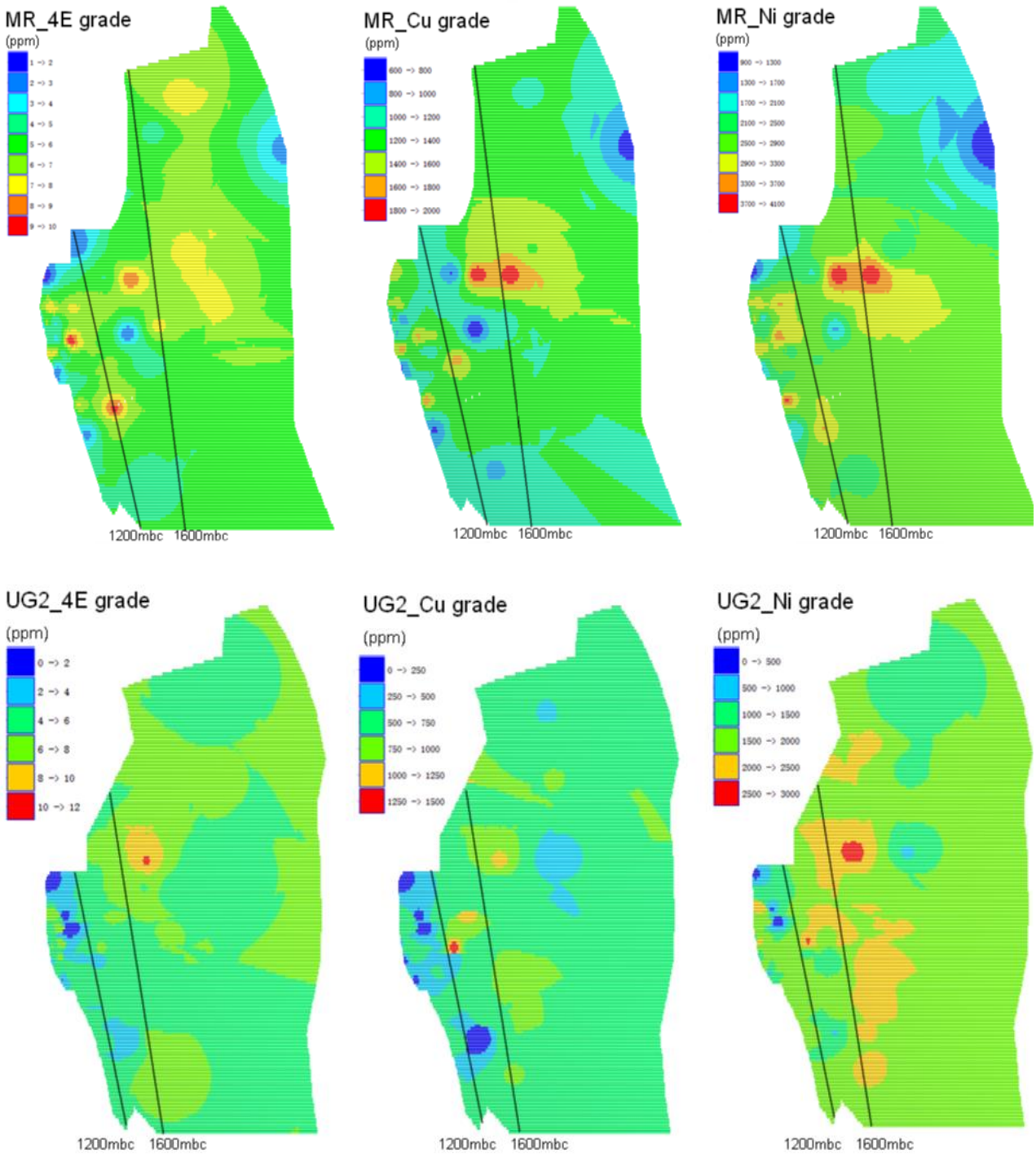


Figure 18: Contoured map of the Lesego Project Area showing 3PGE+Au, Cu and Ni grades over the Merensky Reef (top image) and UG2 (bottom image). Note the general improvement of grade with depth (to the right) and the low-grade portions at the margins of the resource.

The grades, and to a lesser degree, the thickness, of both the Merensky and UG2 reefs improve with depth, and it is clear that the Phosiri Dome had an adverse effect on the grades and thicknesses of the reefs when in close proximity to the Dome (Figure 18). It is unclear at this stage whether this is due to tectonic effects such as shearing or stretching of the Rustenburg Layered Suite lithologies during the emplacement of the Phosiri Dome during crystallisation of the reefs, or whether metamorphism and contamination by anatectic melts from the metasedimentary footwall rocks effected the mineralisation process.

Discussion

The discovery and resulting definition of the resources of the Lesego PGE Project resulted from a systematic phased exploration program testing a conceptual exploration model based on the syn-Bushveld emplacement of the Phosiri Dome.

On the southern flank of the Phosiri Dome, Scoon, page 1,047, (2002) identified a "relatively chaotic sequence underlying the Upper Zone with increased distance from the Zaaikloof (Phosiri) dome" and attributed the occurrence of marker layers in some sections and lack of these marker layers in other sections to not only the non-development or attenuation of these layers, but possibly also to strike-slip faulting associated with the upward movement of the Phosiri Dome. By contrast, the layering of the Rustenburg Layered Suite on the eastern flank of the Phosiri Dome, to the northeast of the fold hinge, appears to be relatively consistent and predictable with increased distance from the floor rocks. This may indicate an asymmetrical emplacement of the Phosiri Dome, or subsequent modification of the area of the Phosiri Dome which only affected the southern flank, however, on both the southern and eastern flanks of the Phosiri Dome, drilling has confirmed that a combination of uplift and tilting has resulted in the absence, or at the very least, the attenuation of marker layers close to the floor rocks (Scoon, 2002). Strain fabrics commonly seen in mottled anorthosites intersected in drill cores in close proximity to the Dome, as well as the steepening of the dip of Rustenburg Layered Suite lithologies, mean that emplacement of the Dome postdated the crystallisation of Rustenburg Layered Suite magmas.

The structural setting of the deposit is unique in the Bushveld Complex, given the sub-vertical dips of the reefs near surface, which shallow out with increasing depth. At depth the Merensky and UG2 reefs typically dip at angles of less than 35°, which lends itself to conventional breast mining techniques. Closer to the Phosiri Dome, the upper parts of the ore body, by virtue of its steep dips above 1,200 m depth, lends itself to an arguably safer, lower cost mechanised mining technique for the upper portions.

The inability to recognize the upper orebody in previous studies was a result of several factors. Firstly, the steep dip of the Rustenburg Layered Suite in close proximity to the Phosiri Dome meant that traditional two-dimensional seismic surveys adjacent to the Phosiri Dome would fail to detect any reflectors. The relatively sharp inflexion point of the Rustenburg Layered Suite at approximately 1,200 m means that the seismic signature of shallow-dipping reflectors disappeared relatively quickly and a gradual change in dip of the reflectors was not detectable. New exploration drilling by Lesego has revealed extensive sheets of gabbroic material contaminated with anatectic melt, which appears to have interfered with magmatic layering in the Rustenburg Layered Suite between 350 m and surface, thus obscuring any Critical Zone lithologies at surface.

This has important implications for exploration strategies around other possible Merensky Reef and UG2 Chromitite dome-associated targets in the Bushveld Complex. In order to increase the chances of success, a counter-intuitive strategy of starting exploration away from the immediate vicinity of the dome should be adopted, in order to understand the undisturbed stratigraphy through a process of mapping, soil geochemistry, seismics and subsequent drilling, and once this is better understood, the exploration program can move from the "known stratigraphy" into the disturbed horizons closer to the dome.

Conclusions

The Phosiri Dome was instrumental in the uplifting of the Rustenburg Layered Suite, bringing the Merensky and UG2 reefs to economically extractable depths. Dome emplacement was post the emplacement of the Critical Zone magmas. Exploration on the eastern flank of the Phosiri Dome has resulted in the discovery and evaluation of a previously unrecognized 39 million-ounce PGE resource that appears to be structurally more coherent than reef horizons identified on the southern flank of the Dome.

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Chapter 3

Mining and Processing

Overview

This chapter briefly focuses on the commissioning, mining, processing, economic aspects and environmental issues of the Lesego Project. The chapter aims to put the Lesego discovery into an economic context and its viability for eventual extraction.

A scoping study was conducted on the Project in 2011 based on the inferred resource declared from the seismics and the 5 initial drill holes. A Prefeasibility and Definitive Feasibility study was then completed in 2013 based on the measured and indicated resource presented in Table 3.

Mining and Processing

Mining

The depth, steep dip and narrow width of the reefs dictate the deposit should be exploited by underground mining methods. The preferred method for mining the reefs down to 1,200 m depth below surface is a sub-level open stoping mining method using trackless equipment, which is currently being used in places at Lonmin's Limpopo Section. Access to the reef will be via a decline from surface, with a main shaft used for hoisting men and material down to 1,200 m and a raise-bored ventilation shaft (Figure 18) (Cox and Montjoie, 2014).

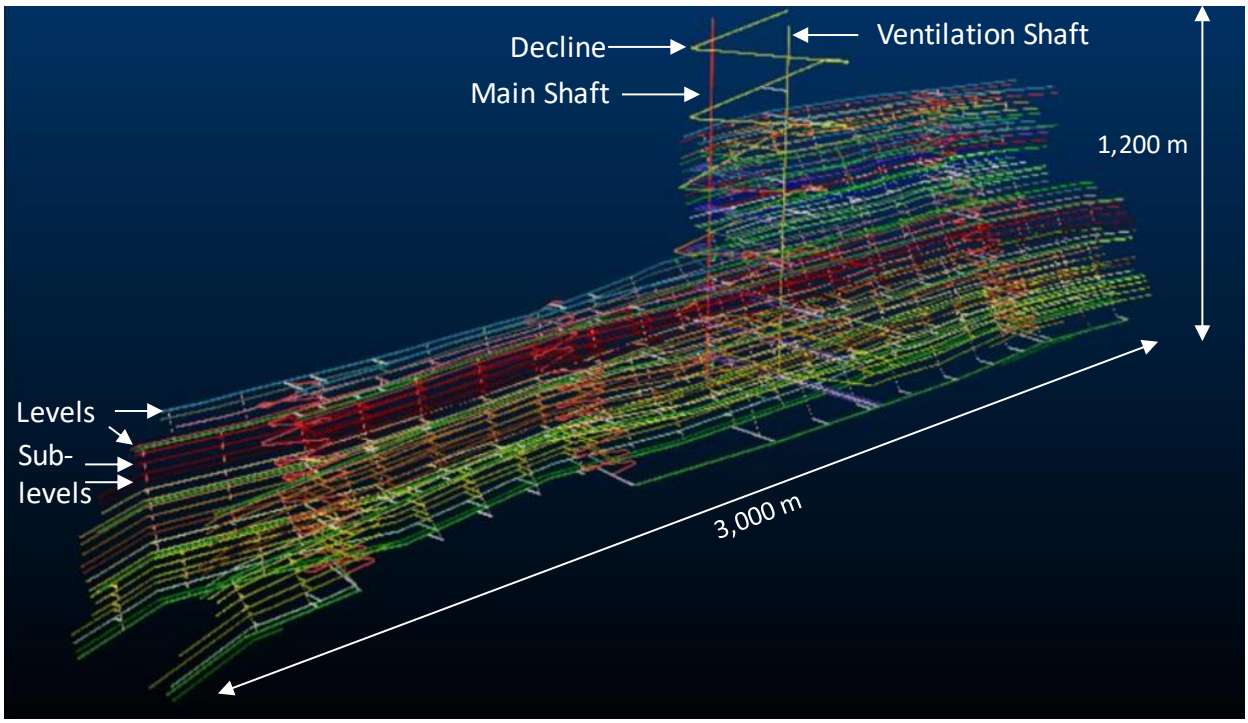


Figure 19: Oblique section looking northwest showing the primary development and secondary development required to access the steeply dipping portions of the ore body down to 1,200 m below surface.

Development of the mine will be phased, with Phase 1 only exploiting the resource from 350 m to 1,200 m depth below surface using a fully mechanized mining method, whilst Phases 2 and 3 will utilize a conventional breast mining method.

Mineral Processing

Both the Merensky and UG2 reefs responded well to bench-scale laboratory metallurgical test work, and plant-scale simulations performed by Lesego predict excellent recoveries in the order of 90% Pt and Pd in a MF2 (mill-float mill-float) plant, which is a standard design for Bushveld PGE mines (Hay, 2013).

Surface Infrastructure

The current mine design is optimized to extract shallow, higher grade portions of the upper orebody in the early years of mine development in order to improve the economics of the project. This area is located on the flat grassland below the eastern flank of the Phosiri Dome, an area ideal for constructing surface infrastructure (Figure 19).

The core of the Phosiri Dome has been identified as a favorable location for the tailings disposal facility (TDF) (Figure 19) owing to the following factors:

- The eastern and southern limbs of the Phosiri Dome, as well as the Machadodorp Volcanic Member forming the hills in the core of the Dome, provide a visual and physical barrier between the TDF and nearby communities and the Olifants River, reducing dust levels;
- There are no known mineral resources in this area, which contains Transvaal Group metasediments, so no potential resources are sterilised;
- The land is currently not being utilised for farming, grazing or homesteads, so impact on the community is minimal;
- The topography allows for the construction of a “valley-fill” style TDF which is more cost-effective than the “paddock” style TDF more commonly found in South Africa;
- The nose of the anticline acts as a funnel for ground water seepage, and water extraction using bore holes in this area will allow for the effective recycling of water from the TDF and the effective control and monitoring of any potential ground water pollution during operational phase as well as after mine closure.

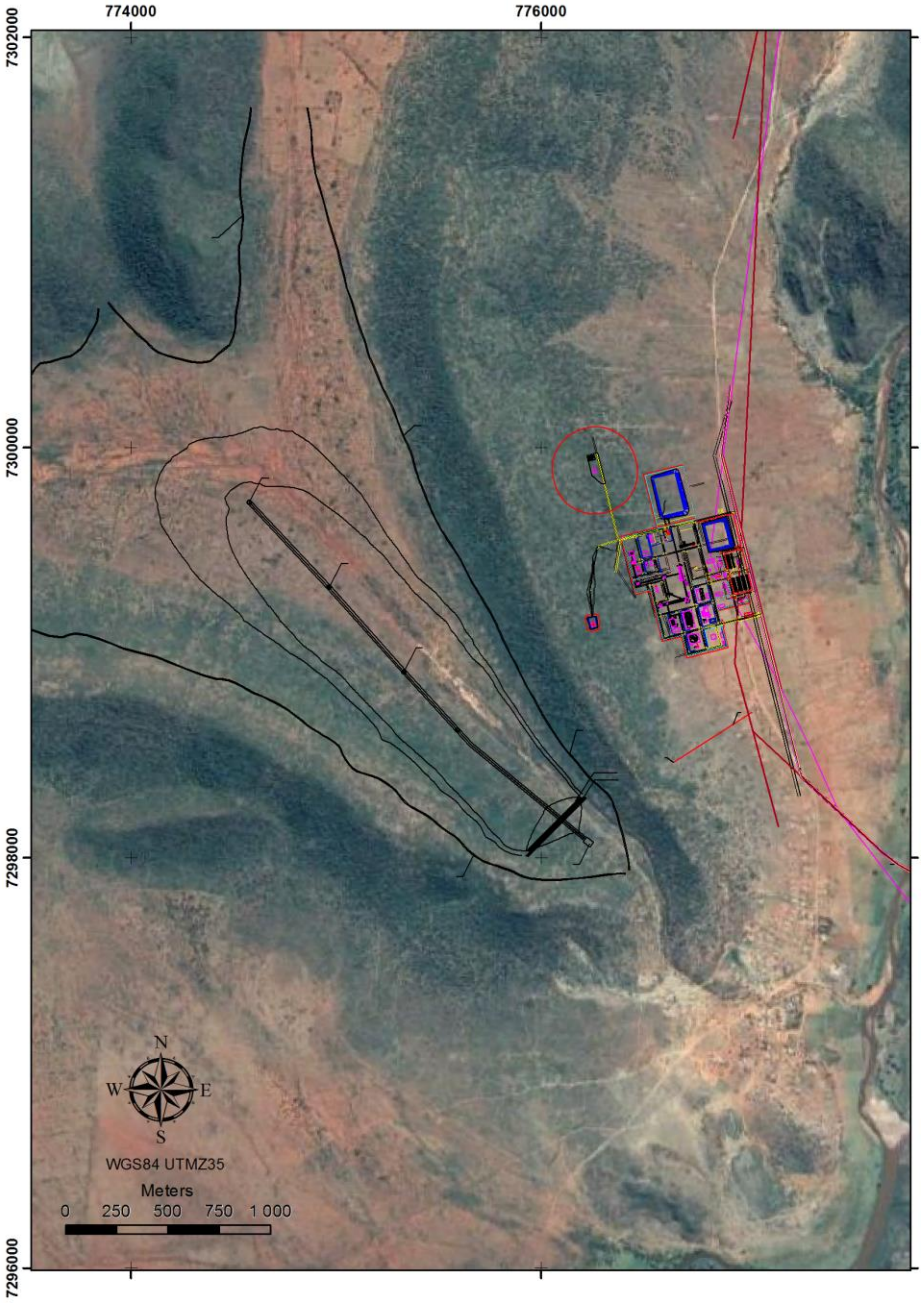


Figure 20: GoogleEarth image with the footprint of the tailings disposal facility in the core of the Phosiri Dome and the location of mine surface infrastructure on the eastern side of the eastern flank of the Dome.

Chapter 4

Discussion and Conclusions

Outlook for Commissioning

PGE producers globally are under pressure to cut costs and meet production targets as PGE prices remain suppressed. Major cost drivers for producers are labour and power, both of which have been increasing at above-inflation rates in recent years. The narrow profile and shallow dip of the Merensky and UG2 reefs do not lend themselves to mechanisation, and current mining technology has not yet managed to exploit underground shallow dipping Merensky and UG2 economically on a fully mechanized basis, owing to excessive dilution because of the increased mining width required to accommodate mining machinery.

Unlike the more common shallow-dipping Merensky and UG2 deposits in the Bushveld Complex, the steep reef dips along the eastern flank of the Phosiri Dome allow for mechanisation of a substantial portion of the ore-body using a tried and tested mining method commonly employed on steeply dipping orogenic gold deposits, as well as at Lonmin's Limpopo Section.

In the context of the South African mining industry, commissioning a new mine to be mechanized from construction phase is significantly easier than retrofitting a mine to be mechanized that was originally established as a labour intensive conventional operation (J. Grobler, pers. commun., 2017).

A comparison of the grade and tonnage of PGE projects and mines in the Bushveld Complex (Figure 21) shows that the Lesego Project compares favourably in terms of grade and tonnage and is an attractive project just on those merits. The discovery of reef at a depth of only 350 m below surface now means that there is a realistic chance of exploitation.

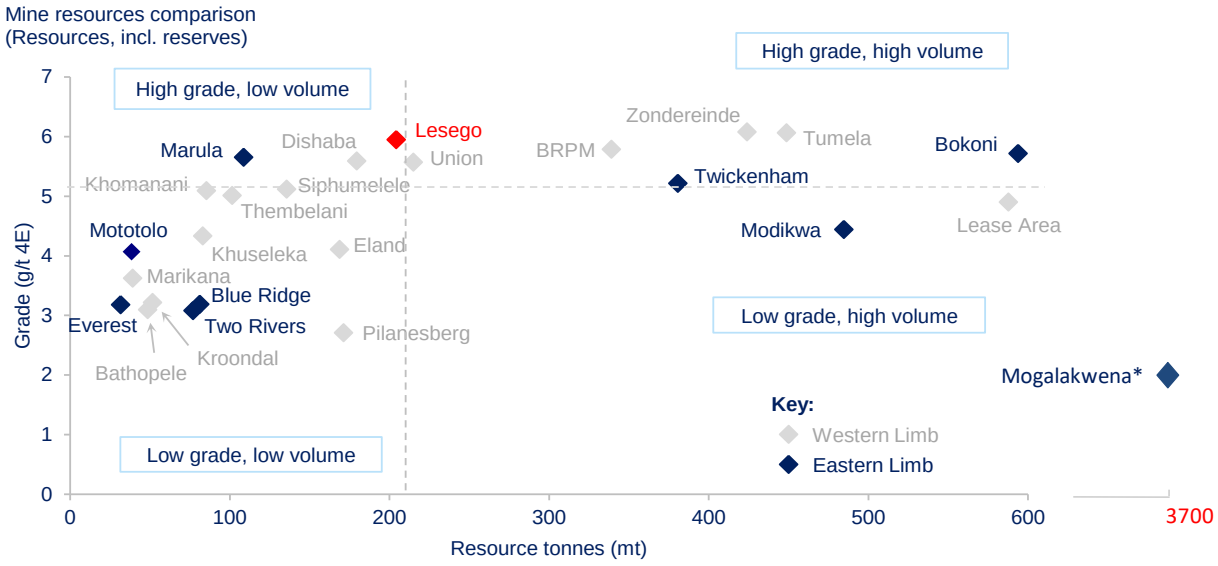
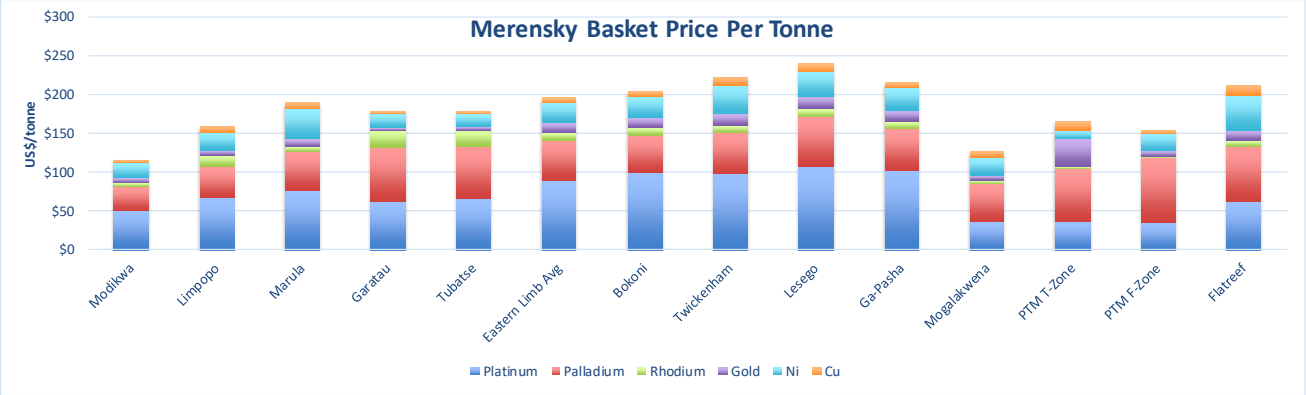


Figure 21: A comparison of the grade and tonnage of various mines on the Bushveld Complex (after Forrest, 2012).

The relatively high base metal content adds to the basket price of the Lesego ore, making it one of the highest value per ton ores on the Eastern Limb (Figure 22). The lower platinum to palladium ratio in the UG2 Chromitite relative to that of the Merensky Reef (Table 4) further makes the Merensky Reef a more attractive mining prospect. Source data is presented in Appendix 8.



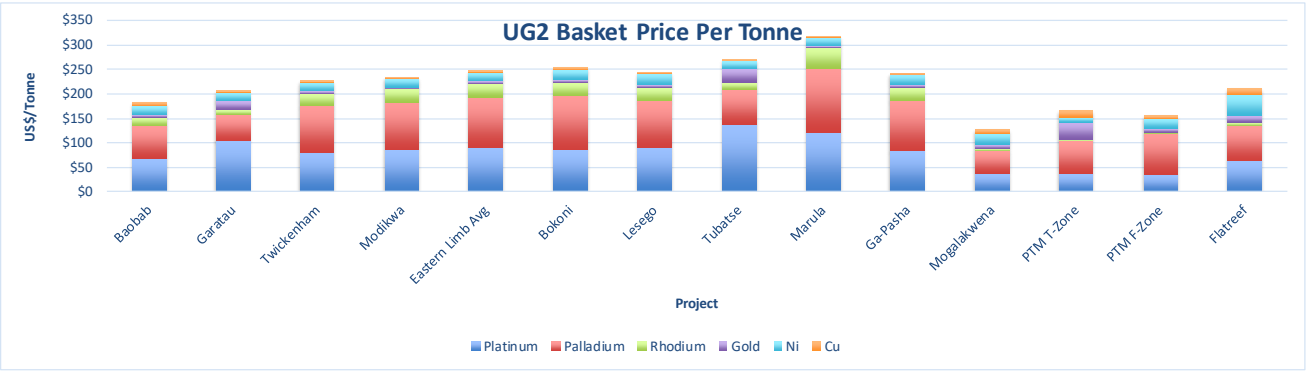


Figure 22: Comparison of the in-situ value per ton of Merensky Reef and UG2 Chromitite in the Eastern Bushveld Complex for various mines and projects (Source: Barker, 2008). Metal prices are spot prices on 26th January 2018. Note that for ease of comparison, Mogalakwena, PTM T-Zone, PTM F-Zone and Flatreef are all Northern Limb projects and are not considered Merensky Reef or UG2, but these have been included anyway as these projects are actively advancing and are useful benchmarks.

The implementation of a mechanized mining method will allow for a safer mine with a lower operating cost than a conventional underground mining operation. The high grade and lower operating cost will ensure that the Lesego Project is economically more robust and less exposed to metal price fluctuations.

Conclusions

The Phosiri Dome had a profound effect on the surrounding lithologies of the Rustenburg Layered Suite. The emplacement of the Phosiri Dome has resulted in the Merensky and UG2 reefs being uplifted to economically extractable depths, as well as resulting in sub-vertical dips of the reefs near surface, which lends itself to an arguably safer, lower cost mechanized mining technique. The resource is relatively high-grade when compared to other Bushveld Complex mines and projects.

The discovery of the Lesego Resource at relatively shallow depths has important implications for further exploration on the Bushveld Complex. A careful evaluation of footwall structures within the Bushveld Complex whilst bearing in mind the transgressive and unconformable relationship of the Upper Zone with Main and Critical Zone lithologies, as well as the transgressive relationship of the Main and Critical Zone lithologies with footwall structures, may lead to the generation of fresh exploration targets.

Unusual structures and stratigraphies are frequently encountered in close proximity to domal structures, and an understanding of the structural history of these domal structures can have important implications

for exploration success. A multifaceted exploration program that strives to understand the relationship between the Rustenburg Layered Suite and the relevant footwall domes prior to commencing with exploration drilling on the flanks of the dome may be useful in assisting with achieving exploration success.

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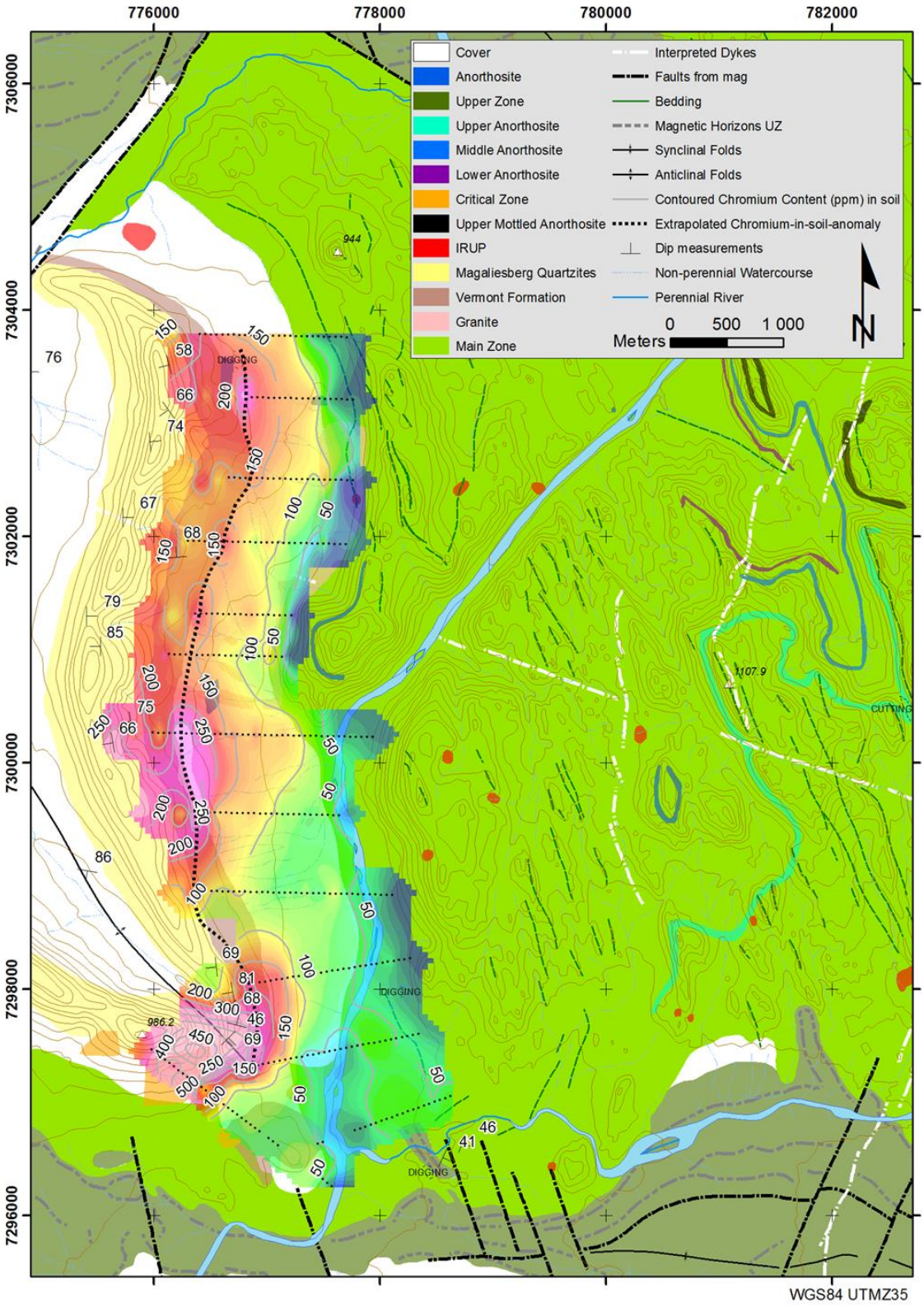
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Appendices

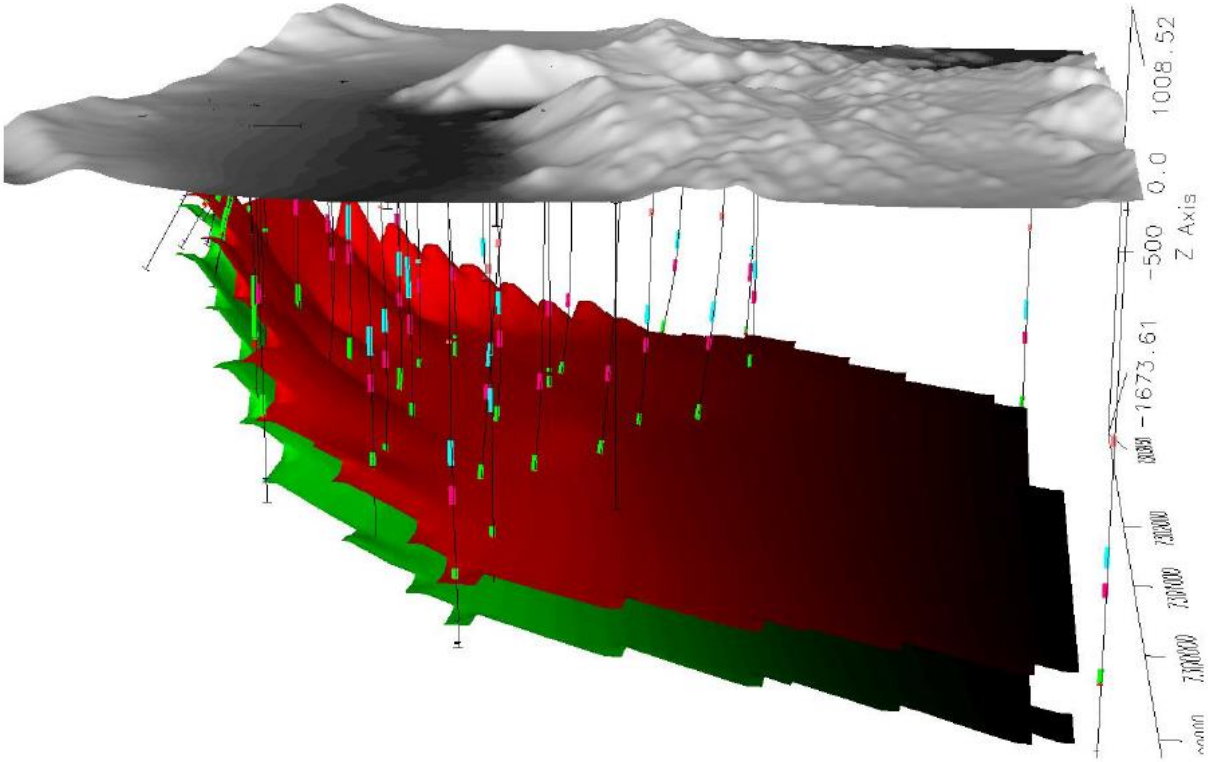
Evidence of Gathering of Own Data

The following pages are examples of work done by the author in advancing the Lesego project.

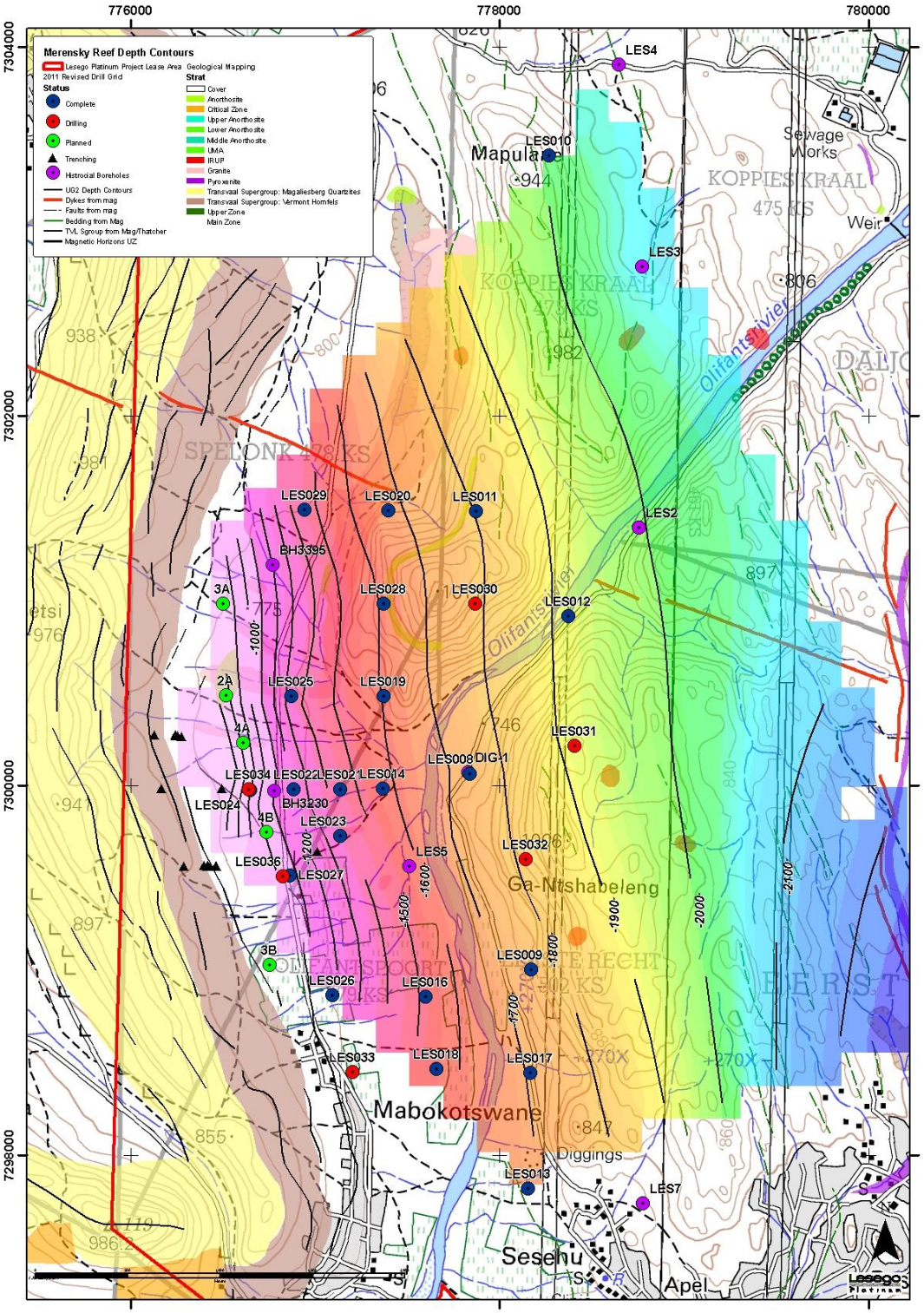
Appendix 1: Geological Map of the Lesego Area compiled from all available data sources



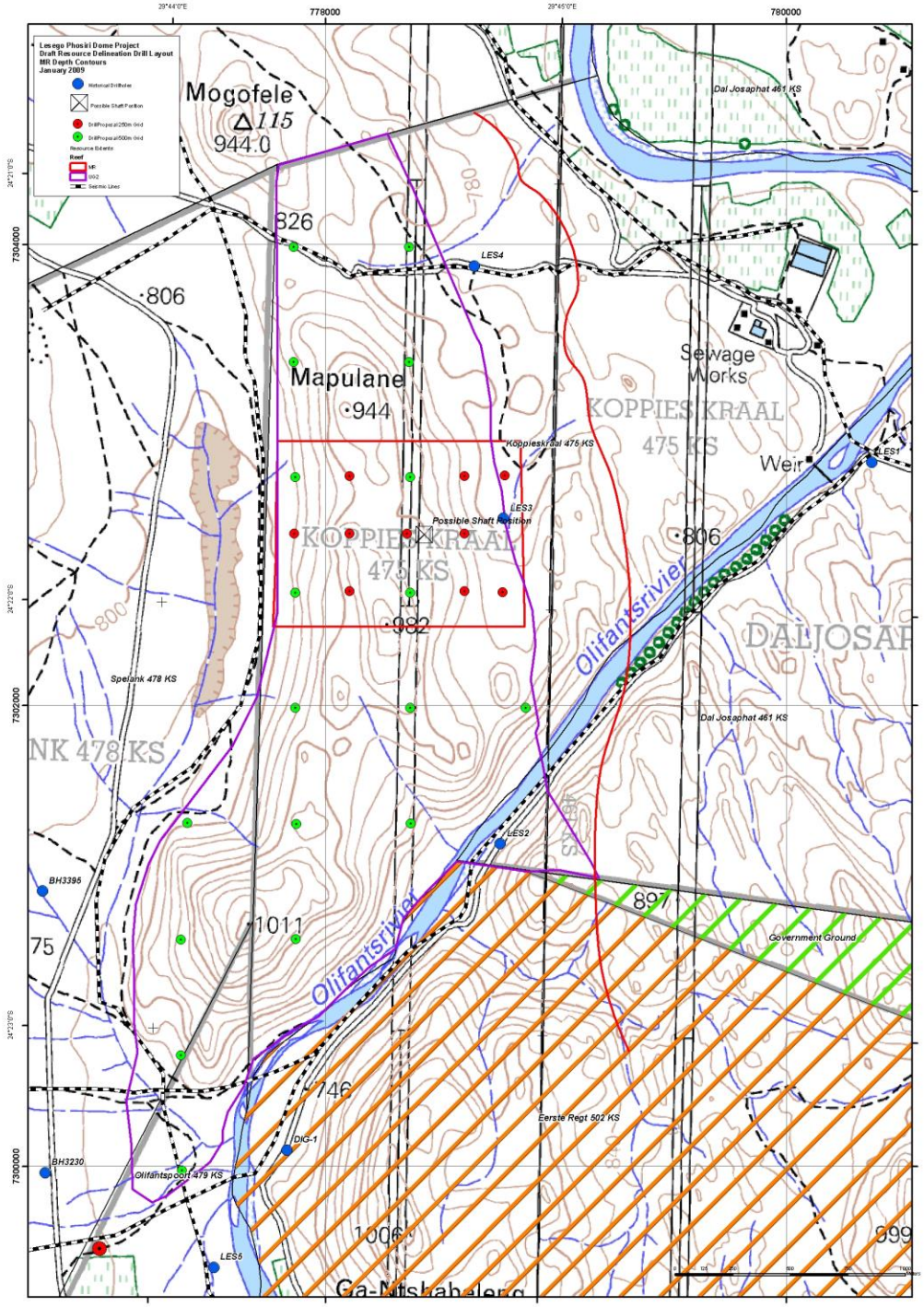
Appendix 2: Three-dimensional model of the Merensky Reef and UG2 Chromitite compiled in Geosoft Target



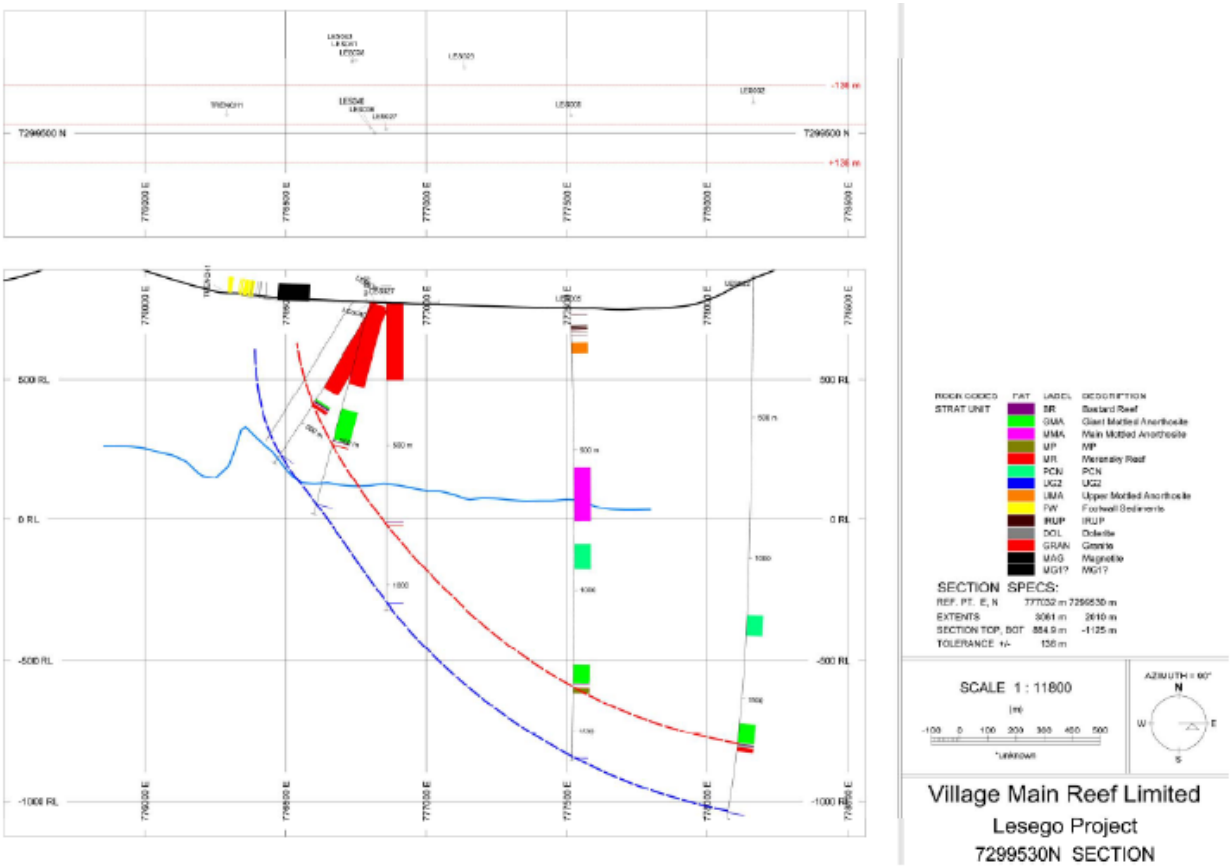
Appendix 3: Depth contour map created in Geosoft Target and imported into ArcMap



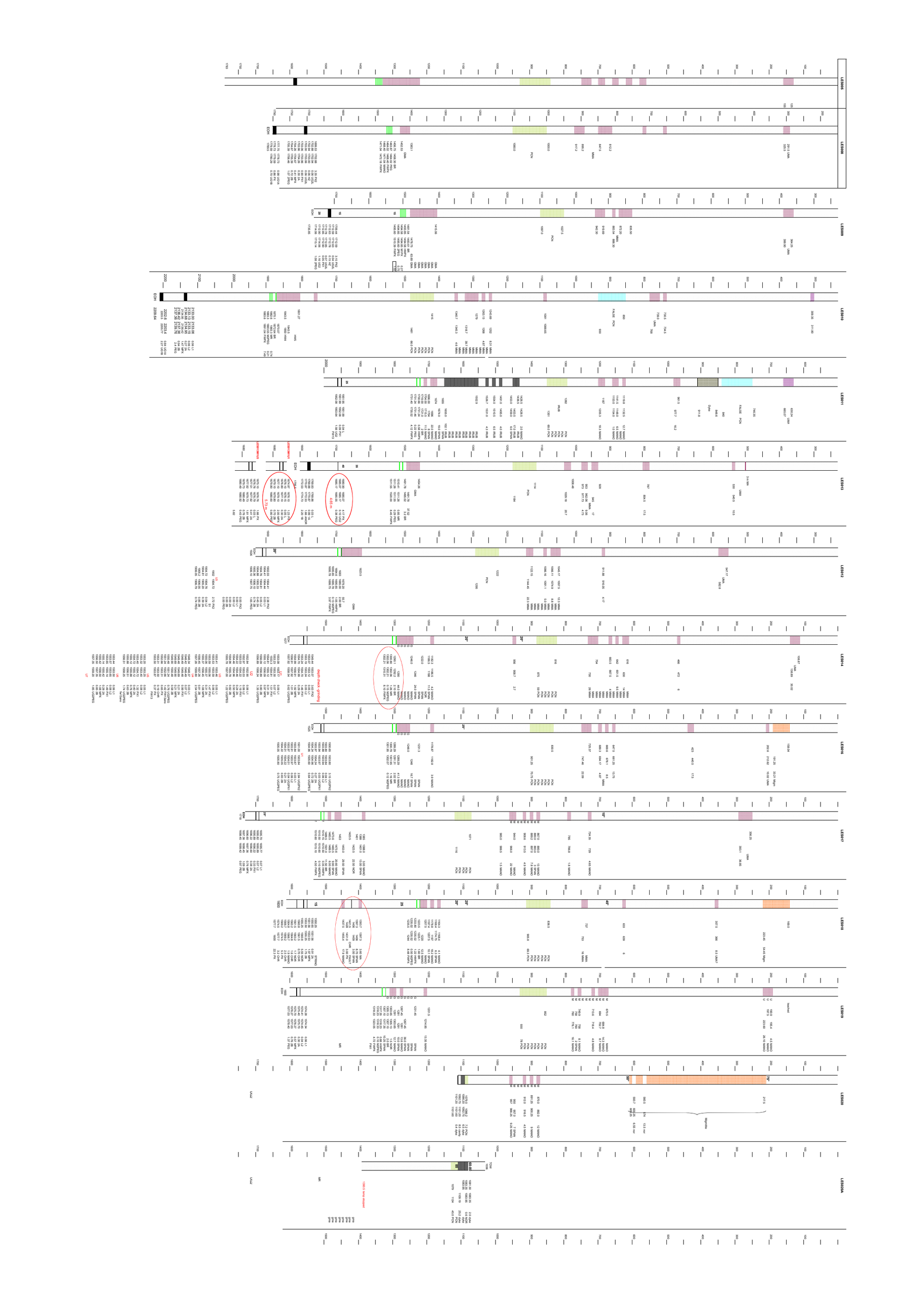
Appendix 4: Draft drill plan layout to determine Measured Resource based on initial Inferred Resource



Appendix 5: Typical Cross section compiled by the author in Geosoft Target used to plan exploration drill holes to target the shallow resource from 1,200 to surface.



Appendix 6: In field borehole stratigraphic logs (compiled with project geologist)


LES005
LES006
LES009
LES010
LES011
LES013
LES012
LES014
LES016
LES017
LES018
LES019
LES020
LES020A
Ayangma
Mayomba
Mayomba
Mayomba

Appendix 7: Selection of Optimised Reef Cuts for Resource Estimation

BHID	DEFLECTION	REEF	SAMPLE No.	LITHOLOGY	FROM	TO	WIDTH	CORR. FTOR	TRUE WIDTH	S.G	Pt	Pd	Rh	Au	3PGE+Au	TRUE WIDTH	S.G	Pt	Pd	Rh	Au	Weighted Average Grade by width and SG	Cumulative Width	cmg/t	cum cmg/t	Average Grade	cmg/t
LES008	LES008M0	Mere	N0136	MID1	1463.42	1463.61	0.19	1.00	0.19	2.9	0.03	0.01	0.01	0.02	0.07	0.19											
LES008	LES008M0	Mere	N0137	MID1	1463.61	1463.81	0.20	1.00	0.20	2.9	0.02	0.01	0.01	0.02	0.05	0.20											
LES008	LES008M0	Mere	N0138	M2PEG	1463.81	1464.00	0.19	1.00	0.19	3.2	3.46	1.23	0.21	0.46	5.35	0.19							0.19	101.36	101.36		0
LES008	LES008M0	Mere	N0140	FWPX	1464.00	1464.20	0.20	1.00	0.20	3.3	2.68	1.05	0.15	0.23	4.11	0.20							0.39	81.92	183.28		0
LES008	LES008M0	Mere	N0142	FWPX	1464.20	1464.41	0.21	1.00	0.21	3.3	0.83	0.37	0.05	0.11	1.36	0.21							0.60	28.55	211.83		0
LES008	LES008M0	Mere	N0143	FWPX	1464.41	1464.61	0.20	1.00	0.20	3.2	0.03	0.01	0.01	0.01	0.06	0.20							0.80	1.27	213.10		0
LES008	LES008M0	Mere	N0144	FWPX	1464.61	1464.80	0.19	1.00	0.19	3.2	0.01	0.01	0.01	0.01	0.04	0.19	3.23	1.38	0.53	0.08	0.16	2.15	0.99	0.76	213.86	2.19	212.516
LES008	LES008M0	Mere	N0145	FWPX	1464.80	1465.00	0.20	1.00	0.20	3.3	0.12	0.06	0.01	0.01	0.20	0.20											
LES008	LES008M0	Mere	N0146	FWPX	1465.00	1465.20	0.20	1.00	0.20	3.2	0.20	0.09	0.01	0.04	0.34	0.20											
LES008	LES008M0	Mere	N0147	FWPX	1465.20	1465.38	0.18	1.00	0.18	3.3	0.01	0.01	0.01	0.02	0.05	0.18											
LES008	LES008M0	Mere	N0148	FWPX	1465.38	1465.70	0.32	1.00	0.32	3.3	0.01	0.01	0.01	0.01	0.04	0.32											
LES008	LES008M0	Mere	N0149	FWPX	1465.70	1466.20	0.50	1.00	0.50	3.2	0.01	0.01	0.01	0.01	0.04	0.50											
LES008	LES008M0	Mere	N0150	FWPX	1466.20	1466.70	0.50	1.00	0.50	3.2	0.04	0.04	0.01	0.03	0.12	0.50											
LES008	LES008M0	Mere	N0153	FWPX	1466.70	1467.19	0.49	1.00	0.49	3.3	0.41	0.25	0.01	0.18	0.86	0.49											
LES008	LES008M0	Mere	N0154	FWPX	1467.19	1467.69	0.50	1.00	0.50	3.3	0.04	0.07	0.01	0.03	0.16	0.50											
LES008	LES008M0	Mere	N0155	FWPX	1467.69	1468.18	0.49	1.00	0.49	3.2	0.28	0.22	0.01	0.11	0.62	0.49											
LES008	LES008M0	Mere	N0156	AN	1468.18	1468.44	0.26	1.00	0.26	3.2	0.16	0.11	0.01	0.03	0.31	0.26											
LES008	LES008M0	Mere	N0157	AN	1468.44	1468.94	0.50	1.00	0.50	2.8	0.01	0.01	0.01	0.01	0.04	0.50											
LES008	LES008M0	Mere	N0158	AN	1468.94	1469.43	0.49	1.00	0.49	2.8	0.01	0.01	0.01	0.01	0.04	0.49											
LES008	LES008M0	Mere	N0159	AN	1469.43	1469.94	0.51	1.00	0.51	2.7	0.01	0.01	0.01	0.01	0.04	0.51											
LES008	LES008M0	Mere	N0160	AN	1469.94	1470.44	0.50	1.00	0.50	2.8	0.01	0.01	0.01	0.01	0.04	0.50											
LES008	LES008M0	Mere	N0161	FWPX	1470.44	1470.94	0.50	1.00	0.50	2.8	0.01	0.01	0.01	0.01	0.04	0.50											
LES008	LES008M0	Mere	N0162	FWPX	1470.94	1471.52	0.58	1.00	0.58	3.2	0.01	0.01	0.01	0.01	0.04	0.58											
LES008	LES008M0	Mere	N0163	FWPX	1471.52	1471.79	0.27	1.00	0.27	3.2	2.47	1.43	0.09	1.03	5.02	0.27											
LES008	LES008M0	Mere	N0165	FWPX	1471.79	1472.21	0.42	1.00	0.42	3.1	0.04	0.03	0.01	0.02	0.09	0.42											
LES008	LES008M0	Mere	N0166	FW1	1472.21	1472.41	0.20	1.00	0.20	2.8	0.01	0.01	0.01	0.01	0.04	0.20											
LES008	LES008M0	Mere	N0167	FW1	1472.41	1472.61	0.20	1.00	0.20	2.8	0.01	0.01	0.01	0.01	0.04	0.20											
LES008	LES008M3	Mere	N0168	MID1	1463.77	1463.97	0.20	1.00	0.20	2.9	0.01	0.01	0.01	0.01	0.04	0.20											
LES008	LES008M3	Mere	N0169	MID1	1463.97	1464.17	0.20	1.00	0.20	2.9	0.07	0.03	0.01	0.03	0.14	0.20											
LES008	LES008M3	Mere	N0170	M2PEG	1464.17	1464.38	0.21	1.00	0.21	3.3	2.66	1.59	0.15	0.34	4.74	0.21							0.21	99.26	99.26		0
LES008	LES008M3	Mere	N0172	FWPX	1464.38	1464.57	0.19	1.00	0.19	3.3	0.66	0.47	0.05	0.13	1.31	0.19							0.40	24.72	123.98		0
LES008	LES008M3	Mere	N0173	FWPX	1464.57	1464.76	0.19	1.00	0.19	3.2	3.10	1.58	0.14	0.36	5.18	0.19							0.59	97.99	221.97		0
LES008	LES008M3	Mere	N0174	FWPX	1464.76	1464.96	0.20	1.00	0.20	3.3	0.04	0.04	0.01	0.02	0.11	0.20							0.79	2.24	224.21		0
LES008	LES008M3	Mere	N0175	FWPX	1464.96	1465.17	0.21	1.00	0.21	3.2	0.53	0.33	0.03	0.09	0.98	0.21	3.26	1.39	0.80	0.08	0.18	2.45	1.00	20.55	244.77	2.46	244.104
LES008	LES008M3	Mere	N0176	FWPX	1465.17	1465.37	0.20	1.00	0.20	3.3	0.34	0.16	0.01	0.03	0.55	0.20											
LES008	LES008M3	Mere	N0178	FWPX	1465.37	1465.55	0.18	1.00	0.18	3.2	0.01	0.02	0.01	0.02	0.06	0.18											
LES008	LES008M3	Mere	N0179	FWPX	1465.55	1465.75	0.20	1.00	0.20	3.2	1.07	0.72	0.07	0.30	2.16	0.20											
LES008	LES008M3	Mere	N0180	FWPX	1465.75	1465.96	0.21	1.00	0.21	3.2	0.63	0.44	0.04	0.10	1.22	0.21											
LES008	LES008M3	Mere	N0181	FWPX	1465.96	1466.18	0.22	1.00	0.22	3.2	2.17	1.75	0.11	0.21	4.25	0.22											
LES008	LES008M3	Mere	N0182	FWPX	1466.18	1466.38	0.20	1.00	0.20	3.2	0.40	0.31	0.02	0.08	0.80	0.20											
LES008	LES008M4	Mere	N0183	MID1	1463.74	1463.95	0.21	1.00	0.21	2.87	0.03	0.02	0.01	0.02	0.07	0.21											
LES008	LES008M4	Mere	N0184	MID1	1463.95	1464.15	0.20	1.00	0.20	2.88	0.02	0.01	0.01	0.07	0.11	0.20											
LES008	LES008M4	Mere	N0185	M2PEG	1464.15	1464.35	0.20	1.00	0.20	3.13	1.67	0.38	0.09	0.08	2.22	0.20							0.20	44.16	44.16		0
LES008	LES008M4	Mere	N0187	FWPX	1464.35	1464.55	0.20	1.00	0.20	3.23	1.22	0.50	0.05	0.07	1.83	0.20							0.40	36.45	80.61		0
LES008	LES008M4	Mere	N0188	FWPX	1464.55	1464.74	0.19	1.00	0.19	3.29	2.52	1.15	0.11	0.18	3.95	0.19							0.59	74.82	155.43		0
LES008	LES008M4	Mere	N0189	FWPX	1464.74	1464.94	0.20	1.00	0.20	3.22	0.42	0.22	0.03	0.04	0.71	0.20							0.79	14.08	169.52		0
LES008	LES008M4	Mere	N0190	FWPX	1464.94	1465.13	0.19	1.00	0.19	3.29	0.02	0.01	0.01	0.01	0.05	0.19							0.98	1.02	170.54		0
LES008	LES008M4	Mere	N0191	FWPX	1465.13	1465.34	0.21	1.00	0.21	3.25	0.97	0.64	0.06	0.07	1.74	0.21	3.24	1.13	0.48	0.06	0.07	1.75	1.19	36.48	207.02	1.75	206.974
LES008	LES008M4	Mere	N0193	FWPX	1465.34	1465.55	0.21	1.00	0.21	3.26	0.04	0.03	0.01	0.01	0.09	0.21											
LES008	LES008M4	Mere	N0194	FWPX	1465.55	1465.74	0.19	1.00	0.19	3.30	0.01	0.01	0.01	0.01	0.04	0.19											
LES008	LES008M4	Mere	N0195	FWPX	1465.74	1465.94	0.20	1.00	0.20	3.27	3.16	2.00	0.16	0.48	5.80	0.20											
LES008	LES008M4	Mere	N0196	FWPX	1465.94	1466.14	0.20	1.00	0.20	3.26	2.99	1.71	0.12	0.32	5.14	0.20											
LES008	LES008M4	Mere	N0197	FWPX	1466.14	1466.35	0.21	1.00	0.21	3.26	2.52	1.54	0.11	0.38	4.54	0.21											
LES008	LES008M4	Mere	N0198	FWPX	1466.35	1466.54	0.19	1.00	0.19	3.36	3.27	1.89	0.13	0.56	5.85	0.19											
LES008	LES008M4	Mere	Q3953	FWPX	1466.54	1466.74	0.20	1.00	0.20	3.31	1.66	1.16	0.08	0.22	3.12	0.20											
LES008	LES008M4	Mere	Q3954	FWPX	1466.74	1466.94	0.20	1.00	0.20	3.31	0.06	0.12	0.01	0.04	0.23	0.20											
LES008	LES008M4	Mere	Q3955	FWPX	1466.94	1467.14	0.20	1.00	0.20	3.29	2.24	1.40	0.12	0.26	4.02	0.20											
LES008	LES008M4	Mere	Q3957	FWPX	1467.14	1467.34	0.20	1.00	0.20	3.35	2.81	1.76	0.13	0.80	5.5	0.20											
LES008	LES008M4	Mere	Q3958	FWPX	1467.34	1467.64	0.30	1.00	0.30	3.28	0.54	0.32	0.01	0.07	0.94	0.30											
LES008	LES008M4	Mere	Q3961	FWPX	1467.64	1467.84	0.20	1.00	0.20	3.29	0.03	0.02	0.01	0.01	0.07	0.20											
LES008	LES008M4	Mere	Q3962	FWPX	1467.84	1468.04	0.20	1.00	0.20	3.29	0.01	0.01	0.01	0.01	0.04	0.20											
LES008	LES008M4	Mere	Q3963	FWPX	1468.04	1468.24	0.20	1.00	0.20	3.28	0.01	0.01	0.01	0.01	0.04	0.20											
LES008	LES008M4	Mere	Q3964	FWPX	1468.24	1468.45	0.21	1.00	0.21	3.18	6.38	3.70	0.33	0.11	10.52	0.21											
LES008	LES008M4	Mere	Q3965	FW1	1468.45	1468.61	0.16	1.00	0.16	2.78	0.06	0.04	0.01	0.01	0.12	0.16											
LES008	LES008U0	UG2	N0001	UG2PX2	1702.44	1702.63	0.19	1.00	0.19	3.2	0.97	0.33	0.08	0.02	1.40	0.19											
LES008	LES008U0	UG2	N0002	UG2PX2	1702.63	1702.83	0.20	1.00	0.20	3.3	0.14	0.05	0.02	0.02	0.23	0.20											
LES008	LES008U0	UG2	N0003	UG2L	1702.83	1703.08	0.25	1.00	0.25	3.6	1.38	0.60	0.24	0.02	2.25	0.25											
LES008	LES008U0	UG2	N0004	UG2PX1	1703.08	1703.50	0.42	1.00	0.42	3.2	0.15	0.04	0.03	0.01	0.24	0.42											
LES008	LES008U0	UG2	N0006	UG2PX1	1703.50	1703.90	0.40	1.00	0.40	3.1	0.23	0.07	0.05	0.01	0.37	0.40											
LES008	LES008U0	UG2	N0007	UG2A	1703.90	1704.09	0.19	1.00	0.19	3.8	1.28	0.10	0.21	0.01	1.60	0.19							0.19	30.34	30.34		0
LES008	LES008U0	UG2	N0008	UG2A	1704.09	1704.29	0.20	1.00	0.20	3.8	3.61	0.28	0.46	0.01	4.36	0.20							0.39	86.94	117.28		0
LES008	LES008U0	UG2	N0009	UG2MPX	1704.29	1704.61	0.32	1.00	0.32	3.2	0.06	0.03	0.01	0.01	0.11	0.32							0.71	3.53	120.81		0
LES008	LES008U0	UG2	N0010	UG2B	1704.61	1704.81	0.20	1.00	0.20	3.7	4.19	4.23	0.66	0.26	9.34	0.20							0.91	186.10	306.91		0
LES008	LES008U0	UG2	N0011	UG2B	1704.81	1704.97	0.16	1.00	0.16	3.9	2.30	1.19	0.46	0.04	4.00	0.16							1.07	63.74	370.65		0
LES008	LES008U0	UG2	N0012	UG2B	1704.97	1705.14	0.17	1.00	0.17	3.9	1.72	1.35	0.39	0.05	3.52	0.17							1.24	59.53	430.18		0
LES008	LES008U0	UG2	N0013	UG2B	1705.14	1705.34	0.20	1.00	0.20	3.7	4.18	4.92	0.93	0.16	10.19	0.20	3.68	2.38	1.66	0.43	0.08	4.54	1.43	203.06	633.23	4.73	651.728
LES008	LES008U0	UG2	N0015	UG2PEG	1705.34	1705.54	0.20	1.00	0.20	3.2	0.40	1.03	0.07	0.03	1.53	0.20											
LES008	LES008U0	UG2	N0016	UG2PEG	1705.54	1705.73	0.19	1.00	0.19	3.2	0.07	0.08	0.02	0.02	0.18	0.19											
LES008	LES008U0	UG2	N0017	UG2PEG	1705.73	1706.03	0.30	1.00	0.30	3.2	0.04	0.02	0.01	0.02	0.09	0.30											
LES008	LES008U0	UG2	N0019	UG2PEG	1706.03	1706.23	0.20	1.00	0.20	3.2	0.03	0.02	0.01	0.03	0.09	0.20											
LES008	LES008U0	UG2	N0020	UG2PEG	1706.23	1706.43	0.20	1.00	0.20	3.1	0.24	0.49	0.03	0.05	0.81	0.20											
LES008	LES008U0	UG2	N0022	FW13ANO	1706.43	1706.63	0.20	1.00	0.20	3.0	0.04	0.02	0.01	0.01	0.08	0.20											
LES008	LES008U0	UG2	N0023	FW13ANO	1706.63	1706.82	0.19	1.00	0.19	3.0	0.01	0.01	0.01	0.01	0.05	0.19											
LES008	LES008U4	UG2	N0024	UG2PX2	1702.33	1702.59	0.26	1.00	0.26	3.3	1.12	0.80	0.10	0.02	2.05	0.26											
LES008	LES008U4	UG2	N0025	UG2PX2	1702.59	1702.84	0.25	1.00	0.25	3.3	0.13	0.04	0.01	0.01	0.19	0.25											
LES008	LES008U4	UG2	N0026	UG2L	1702.84	1703.12	0.28	1.00	0.28	3.6	1.46	0.62	0.25	0.02	2.36	0.28											
LES008	LES008U4	UG2	N0027	UG2PX1	1703.12	1703.32	0.20	1.00	0.20	3.1	0.19	0.04	0.04	0.01	0.28	0.20											
LES008	LES008U4	UG2	N0028	UG2PX1	1703.32	1703.66	0.34	1.00	0.34	3.0	0.20	0.04	0.05	0.01	0.29	0.34											
LES008	LES008U4	UG2	N0029	UG2PX1	1703.66	1703.86	0.20	1.00	0.20	3.3	0.17	0.03	0.03	0.01	0.25	0.20											
LES008	LES008U4	UG2	N0030	UG2A	1703.86	1704.07	0.21	1.00	0.21	3.8	2.21	0.16	0.34	0.01	2.72	0.21							0.21	56.98	56.98		0
LES008	LES008U4	UG2	N0032	UG2A	1704.07	1704.28	0.21	1.00	0.21	3.7	3.26	0.42	0.42	0.01	4.12	0.21							0.42	86.19	143.18		0
LES008	LES008U4	UG2	N0033	UG2MPX	1704.28	1704.61	0.33	1.00	0.33	3.2	0.14	0.06	0.02	0.02	0.24	0.33							0.75	8.00	151.18		0
LES008	LES008U4	UG2	N0034	UG2B	1704.61	1704.81	0.20	1.00	0.20	3.8	4.79	5.57	0.76	0.26	11.39	0.20							0.95	226.93	378.11		0
LES008	LES008U4	UG2	N0035	UG2B	1704.81	1705.13	0.32	1.00	0.32	3.9	2.10	1.48	0.44	0.06	4.08	0.32							1.27	130.10	508.21		0
LES008	LES008U4	UG2	N0036	UG2B	1705.13	1705.33	0.20	1.00	0.20	3.7	3.57	4.21	0.76	0.14	8.68	0.20	3.68	2.48	1.81	0.43	0.08	4.80	1.46	173.03	681.24	5.21	702.48
LES008	LES008U4	UG2	N0037	UG2PEG	1705.33	1705.53	0.20	1.00	0.20	3.3	0.53	1.34	0.09	0.03	1.99	0.20											
LES008	LES008U4	UG2	N0039	UG2PEG	1705.53	1705.73	0.20	1.00	0.20	3.3	0.09	0.09	0.02	0.02	0.22	0.20											
LES008	LES008U4	UG2	N0041	UG2PEG	1705.73	1705.93	0.20	1.00	0.20	3.2	0.04	0.05	0.01	0.04	0.14	0.20											
LES008	LES008U4	UG2	N0042	UG2PEG	1705.93	1706.12	0.19	1.00	0.19	3.2	0.03	0.05	0.01	0.02	0.10	0.19											
LES008	LES008U4	UG2	N0043	UG2PEG	1706.12	1706.31	0.19	1.00	0.19	3.2	0.27	0.10	0.09	0.05	0.51	0.19											
LES008	LES008U4	UG2	N0044	FW13ANO	1706.31	1706.51	0.20	1.00	0.20	2.8	0.02	0.02	0.01	0.01	0.06	0.20											
LES008	LES008U4	UG2	N0045	FW13ANO	1706.51	1706.70	0.19	1.00	0.19	2.9	0.02	0.01	0.01	0.01	0.05	0.19											

LES008	LES008U5	UG2	N0046	UG2PX2	1702.21	1702.47	0.26	1.00	0.26	3.3	0.99	0.58	0.10	0.03	1.69	0.26											
LES008	LES008U5	UG2	N0047	UG2PX2	1702.47	1702.66	0.19	1.00	0.19	3.0	0.12	0.05	0.01	0.01	0.19	0.19											
LES008	LES008U5	UG2	N0048	UG2L	1702.66	1702.94	0.28	1.00	0.28	3.2	1.51	0.91	0.26	0.04	2.72	0.28											
LES008	LES008U5	UG2	N0049	UG2PX1	1702.94	1703.33	0.39	1.00	0.39	3.3	0.20	0.08	0.04	0.01	0.33	0.39											
LES008	LES008U5	UG2	N0050	UG2PX1	1703.33	1703.72	0.39	1.00	0.39	3.2	0.24	0.06	0.05	0.01	0.37	0.39											
LES008	LES008U5	UG2	N0051	UG2A	1703.72	1703.91	0.19	1.00	0.19	3.8	2.03	0.12	0.31	0.01	2.47	0.19							0.19	46.82	46.82		0
LES008	LES008U5	UG2	N0053	UG2A	1703.91	1704.10	0.19	1.00	0.19	3.8	3.47	0.21	0.48	0.01	4.17	0.19							0.38	78.92	125.75		0
LES008	LES008U5	UG2	N0054	UG2MPX	1704.10	1704.34	0.24	1.00	0.24	3.2	0.13	0.03	0.01	0.01	0.18	0.24							0.62	4.30	130.04		0
LES008	LES008U5	UG2	N0056	UG2MPX	1704.34	1704.59	0.25	1.00	0.25	3.2	0.03	0.01	0.01	0.01	0.06	0.25							0.87	1.50	131.54		0
LES008	LES008U5	UG2	N0057	UG2B	1704.59	1704.79	0.20	1.00	0.20	3.9	3.93	5.05	0.58	0.24	9.80	0.20							1.07	195.24	326.78		0
LES008	LES008U5	UG2	N0058	UG2B	1704.79	1704.99	0.20	1.00	0.20	3.9	2.66	1.17	0.52	0.04	4.38	0.20							1.27	87.26	414.04		0
LES008	LES008U5	UG2	N0059	UG2B	1704.99	1705.20	0.21	1.00	0.21	3.9	1.98	1.33	0.44	0.05	3.80	0.21							1.47	79.51	493.56		0
LES008	LES008U5	UG2	N0060	UG2B	1705.20	1705.40	0.20	1.00	0.20	3.8	2.74	3.39	0.52	0.13	6.79	0.20	3.70	2.11	1.43	0.36	0.06	3.96	1.67	135.21	628.77	3.96	663.439
LES008	LES008U5	UG2	N0062	UG2PEG	1705.40	1705.60	0.20	1.00	0.20	3.3	0.46	1.38	0.06	0.07	1.97	0.20											
LES008	LES008U5	UG2	N0063	UG2PEG	1705.60	1705.80	0.20	1.00	0.20	3.2	0.20	0.43	0.04	0.03	0.71	0.20											
LES008	LES008U5	UG2	N0064	UG2PEG	1705.80	1706.00	0.20	1.00	0.20	3.2	0.04	0.03	0.01	0.02	0.10	0.20											
LES008	LES008U5	UG2	N0065	UG2PEG	1706.00	1706.20	0.20	1.00	0.20	3.2	0.03	0.04	0.01	0.01	0.09	0.20											
LES008	LES008U5	UG2	N0067	UG2PEG	1706.20	1706.51	0.31	1.00	0.31	3.2	0.01	0.02	0.01	0.01	0.05	0.31											
LES008	LES008U5	UG2	N0068	UG2PEG	1706.51	1706.72	0.21	1.00	0.21	3.2	0.13	0.04	0.03	0.01	0.21	0.21											
LES008	LES008U5	UG2	N0069	UG2PEG	1706.72	1706.91	0.19	1.00	0.19	3.2	0.31	0.08	0.07	0.01	0.48	0.19											
LES008	LES008U5	UG2	N0070	UG2PEG	1706.91	1707.11	0.20	1.00	0.20	3.2	0.44	0.43	0.04	0.05	0.96	0.20											
LES008	LES008U5	UG2	N0071	FW13ANO	1707.11	1707.31	0.20	1.00	0.20	2.8	0.24	1.13	0.02	0.05	1.43	0.20											
LES008	LES008U5	UG2	N0072	FW13ANO	1707.31	1707.48	0.17	1.00	0.17	2.8	0.43	0.36	0.05	0.01	0.85	0.17											
LES009	LES009M0	Mere	N0219	MID1	1493.39	1493.60	0.21	0.98	0.21	3.0	0.13	0.08	0.01	0.14	0.36	0.21											
LES009	LES009M0	Mere	N0220	MID1	1493.60	1493.80	0.20	0.98	0.20	3.0	0.04	0.02	0.01	0.04	0.11	0.20											
LES009	LES009M0	Mere	N0221	HWPX	1493.80	1494.00	0.20	0.98	0.20	3.2	0.08	0.03	0.01	0.06	0.18	0.20											
LES009	LES009M0	Mere	N0223	HWPX	1494.00	1494.20	0.20	0.98	0.20	2.4	0.14	0.07	0.01	0.11	0.33	0.20											
LES009	LES009M0	Mere	N0224	HWPX	1494.20	1494.40	0.20	0.98	0.20	3.2	0.14	0.08	0.01	0.04	0.27	0.20											
LES009	LES009M0	Mere	N0225	HWPX	1494.40	1494.60	0.20	0.98	0.20	3.3	6.15	2.47	0.21	0.24	9.07	0.20							0.20	177.44	177.44		0
LES009	LES009M0	Mere	N0226	M2PEG	1494.60	1494.80	0.20	0.98	0.20	3.3	4.92	2.17	0.26	1.05	8.40	0.20							0.39	164.33	341.76		0
LES009	LES009M0	Mere	N0227	M2PEG	1494.80	1495.02	0.22	0.98	0.22	3.1	8.43	3.66	0.71	0.23	13.03	0.22							0.61	280.40	622.16		0
LES009	LES009M0	Mere	N0228	M2PEG	1495.02	1495.22	0.20	0.98	0.20	3.2	2.32	1.44	0.07	0.27	4.10	0.20							0.80	80.21	702.37		0
LES009	LES009M0	Mere	N0229	M2PEG	1495.22	1495.42	0.20	0.98	0.20	3.0	1.09	0.58	0.05	0.09	1.81	0.20							1.00	35.41	737.78		0
LES009	LES009M0	Mere	N0230	M2PEG	1495.42	1495.62	0.20	0.98	0.20	3.2	0.70	0.65	0.03	0.17	1.55	0.20	3.18	4.03	1.87	0.23	0.34	6.47	1.19	30.32	768.10	6.33	772.173
LES009	LES009M0	Mere	N0232	FWPX	1495.62	1495.82	0.20	0.98	0.20	3.2	0.14	0.14	0.01	0.06	0.35	0.20											
LES009	LES009M0	Mere	N0233	FWPX	1495.82	1495.98	0.16	0.98	0.16	3.2	0.05	0.05	0.01	0.05	0.16	0.16											
LES009	LES009M0	Mere	N0234	FWPX	1495.98	1496.19	0.21	0.98	0.21	3.3	0.06	0.16	0.01	0.03	0.26	0.21											
LES009	LES009M0	Mere	N0235	FWPX	1496.19	1496.37	0.18	0.98	0.18	3.2	0.50	0.30	0.02	0.10	0.92	0.18											
LES009	LES009M0	Mere	N0237	FWPX	1496.37	1496.87	0.50	0.98	0.49	3.2	0.02	0.01	0.01	0.01	0.05	0.49											
LES009	LES009M0	Mere	N0238	FWPX	1496.87	1497.37	0.50	0.98	0.49	3.3	0.01	0.01	0.01	0.02	0.05	0.49											
LES009	LES009M0	Mere	N0239	FWPX	1497.37	1497.87	0.50	0.98	0.49	3.2	0.01	0.01	0.01	0.01	0.04	0.49											
LES009	LES009M0	Mere	N0240	FWPX	1497.87	1498.37	0.50	0.98	0.49	3.7	0.01	0.01	0.01	0.01	0.04	0.49											
LES009	LES009M0	Mere	N0241	FWPX	1498.37	1498.87	0.50	0.98	0.49	3.0	0.01	0.01	0.01	0.01	0.04	0.49											
LES009	LES009M0	Mere	N0242	FWPX	1498.87	1499.35	0.48	0.98	0.47	3.2	0.01	0.01	0.01	0.01	0.04	0.47											
LES009	LES009M0	Mere	N0243	FWPX	1499.35	1499.85	0.50	0.98	0.49	3.2	0.01	0.01	0.01	0.01	0.04	0.49											
LES009	LES009M0	Mere	N0244	FWPX	1499.85	1500.35	0.50	0.98	0.49	3.3	0.01	0.01	0.01	0.01	0.04	0.49											
LES009	LES009M0	Mere	N0246	FWPX	1500.35	1500.85	0.50	0.98	0.49	3.2	0.01	0.02	0.01	0.01	0.05	0.49											
LES009	LES009M0	Mere	N0247	FWPX	1500.85	1501.34	0.49	0.98	0.48	3.2	0.04	0.02	0.01	0.01	0.08	0.48											
LES009	LES009M0	Mere	N0248	FWPX	1501.34	1501.84	0.50	0.98	0.49	3.3	0.01	0.02	0.01	0.01	0.05	0.49											
LES009	LES009M0	Mere	N0249	FWPX	1501.84	1502.35	0.51	0.98	0.50	3.2	0.01	0.01	0.01	0.01	0.04	0.50											
LES009	LES009M0	Mere	N0250	FWPX	1502.35	1502.84	0.49	0.98	0.48	3.2	0.01	0.02	0.01	0.01	0.05	0.48											
LES009	LES009M0	Mere	N0251	FWPX	1502.84	1503.34	0.50	0.98	0.49	2.9	0.02	0.03	0.01	0.01	0.07	0.49											
LES009	LES009M0	Mere	N0252	FWPX	1503.34	1503.83	0.49	0.98	0.48	3.1	0.02	0.02	0.01	0.01	0.06	0.48											
LES009	LES009M0	Mere	N0253	FWPX	1503.83	1504.33	0.50	0.98	0.49	3.2	0.02	0.03	0.01	0.01	0.07	0.49											
LES009	LES009M0	Mere	N0255	FWPX	1504.33	1504.83	0.50	0.98	0.49	3.2	0.01	0.04	0.01	0.01	0.07	0.49											
LES009	LES009M0	Mere	N0256	FWPX	1504.83	1505.33	0.50	0.98	0.49	3.2	0.01	0.02	0.01	0.01	0.05	0.49											
LES009	LES009M0	Mere	N0258	FWPX	1505.33	1505.83	0.50	0.98	0.49	3.2	0.01	0.03	0.01	0.01	0.06	0.49											
LES009	LES009M0	Mere	N0259	FWPX	1505.83	1506.34	0.51	0.98	0.50	3.2	0.01	0.02	0.01	0.01	0.05	0.50											
LES009	LES009M0	Mere	N0260	FWPX	1506.34	1506.85	0.51	0.98	0.50	3.4	0.01	0.03	0.01	0.01	0.06	0.50											
LES009	LES009M0	Mere	N0261	FWPX	1506.85	1507.36	0.51	0.98	0.50	3.2	0.01	0.02	0.01	0.01	0.05	0.50											
LES009	LES009M0	Mere	N0262	FWPX	1507.36	1507.86	0.50	0.98	0.49	3.2	0.01	0.03	0.01	0.01	0.06	0.49											
LES009	LES009M0	Mere	N0263	FWPX	1507.86	1508.35	0.49	0.98	0.48	2.5	0.01	0.04	0.01	0.01	0.07	0.48											
LES009	LES009M0	Mere	N0265	FWPX	1508.35	1508.85	0.50	0.98	0.49	3.2	0.01	0.01	0.01	0.01	0.04	0.49											
LES009	LES009M0	Mere	N0266	FWPX	1508.85	1509.35	0.50	0.98	0.49	3.2	0.01	0.01	0.01	0.01	0.04	0.49											
LES009	LES009M0	Mere	N0267	FWPX	1509.35	1509.85	0.50	0.98	0.49	3.2	0.01	0.01	0.01	0.01	0.04	0.49											
LES009	LES009M0	Mere	N0268	FWPX	1509.85	1510.44	0.59	0.98	0.58	3.2	0.01	0.01	0.01	0.01	0.04	0.58											
LES009	LES009M0	Mere	N0269	FW2	1510.44	1510.64	0.20	0.98	0.20	3.0	0.01	0.01	0.01	0.01	0.04	0.20											
LES009	LES009M0	Mere	N0270	FW2	1510.64	1510.85	0.21	0.98	0.21	3.0	0.02	0.01	0.01	0.03	0.07	0.21											
LES009	LES009M2	Mere	N0199	MID1	1491.41	1491.61	0.20	0.98	0.20	3.0	0.01	0.01	0.01	0.01	0.04	0.20											
LES009	LES009M2	Mere	N0200	MID1	1491.61	1491.80	0.19	0.98	0.19	3.0	0.04	0.01	0.01	0.03	0.09	0.19											
LES009	LES009M2	Mere	N0201	HWPX	1491.80	1492.01	0.21	0.98	0.21	3.3	0.08	0.03	0.01	0.09	0.21	0.21											
LES009	LES009M2	Mere	N0202	HWPX	1492.01	1492.21	0.20	0.98	0.20	3.2	0.12	0.04	0.01	0.13	0.30	0.20											
LES009	LES009M2	Mere	N0203	HWPX	1492.21	1492.41	0.20	0.98	0.20	3.2	0.13	0.06	0.01	0.13	0.33	0.20											
LES009	LES009M2	Mere	N0204	HWPX	1492.41	1492.61	0.20	0.98	0.20	3.3	1.62	0.81	0.08	0.29	2.80	0.20							0.20	54.78	54.78		0
LES009	LES009M2	Mere	N0205	MCR	1492.61	1492.77	0.16	0.98	0.16	3.3	5.59	2.07	0.25	0.34	8.25	0.16							0.35	129.12	183.89		0
LES009	LES009M2	Mere	N0207	M1PX	1492.77	1492.94	0.17	0.98	0.17	3.2	2.61	1.63	0.11	0.42	4.77	0.17							0.52	79.32	263.21		0
LES009	LES009M2	Mere	N0208	M2PEG	1492.94	1493.17	0.23	0.98	0.22	3.3	6.15	2.15	0.51	0.19	9.00	0.22							0.74	202.48	465.69		0
LES009	LES009M2	Mere	N0209	M2PEG	1493.17	1493.47	0.30	0.98	0.29	3.1	2.39	1.69	0.23	0.42	4.73	0.29							1.04	138.80	604.49		0
LES009	LES009M2	Mere	N0211	FWPX	1493.47	1493.67	0.20	0.98	0.20	3.3	7.90	5.23	0.33	0.71	14.17	0.20	3.25	4.28	2.24	0.26	0.39	7.18	1.23	277.21	881.69	7.29	884.764
LES009	LES009M2	Mere	N0212	FWPX	1493.67	1493.86	0.19	0.98	0.19	2.2	1.60	1.27	0.06	0.39	3.32	0.19							1.42				0
LES009	LES009M2	Mere	N0213	FWPX	1493.86	1494.06	0.20	0.98	0.20	3.3	1.17	1.25	0.04	0.36	2.82	0.20							1.61				0
LES009	LES009M2	Mere	N0214	FWPX	1494.06	1494.26	0.20	0.98	0.20	3.1	0.78	0.47	0.02	0.18	1.45	0.20							1.81				0
LES009	LES009M2	Mere	N0215	FWPX	1494.26	1494.46	0.20	0.98	0.20	3.2	2.80	1.79	0.11	0.55	5.25	0.20							2.01				0
LES009	LES009M2	Mere	N0217	FWPX	1494.46	1494.64	0.18	0.98	0.18	3.3	7.11	3.11	0.26	1.22	11.70	0.18							2.18			6.21	1353.58
LES009	LES009M2	Mere	N0218	FWPX	1494.64	1494.84	0.20	0.98	0.20	3.2	0.17	0.10	0.01	0.05	0.33	0.20											
LES009	LES009M3	Mere	N0271	MID1	1491.32	1491.51	0.19	0.98	0.19	3.0	0.04	0.02	0.01	0.03	0.10	0.19											
LES009	LES009M3	Mere	N0272	MID1	1491.51	1491.71	0.20	0.98	0.20	3.0	0.03	0.02	0.01	0.04	0.10	0.20											
LES009	LES009M3	Mere	N0274	HWPX	1491.71	1491.91	0.20	0.98	0.20	3.3	0.16	0.07	0.01	0.10	0.34	0.20											
LES009	LES009M3	Mere	N0275	HWPX	1491.91	1492.10	0.19	0.98	0.19	3.3	0.13	0.05	0.01	0.14	0.33	0.19											
LES009	LES009M3	Mere	N0277	HWPX	1492.10	1492.31	0.21	0.98	0.21	3.2	0.17	0.09	0.01	0.13	0.40	0.21											
LES009	LES009M3	Mere	N0278	HWPX	1492.31	1492.50	0.19	0.98	0.19	3.3	1.03	0.60	0.04	0.23	1.90	0.19											
LES009	LES009M3	Mere	N0279	MCR	1492.50	1492.70	0.20	0.98	0.20	3.3	10.2	3.74	0.37	1.35	15.68	0.20							0.20	306.75	306.75		0
LES009	LES009M3	Mere	N0281	M1PX	1492.70	1492.86	0.16	0.98	0.16	3.3	5.64	3.31	0.30	0.93	10.18	0.16							0.35	159.32	466.07		0
LES009	LES009M3	Mere	N0282	M2PEG	1492.86	1493.05	0.19	0.98	0.19	3.3	7.32	2.73	0.51	0.28	10.84	0.19							0.54	201.46	667.53		0
LES009	LES009M3	Mere	N0283	M2PEG	1493.05	1493.32	0.27	0.98	0.26	3.1	3.98	2.49	0.30	0.33	7.10	0.26							0.80	187.51	855.04		0
LES009	LES009M3	Mere	N0284	FWPX	1493.32	1493.57	0.25	0.98	0.24	3.2	1.37	0.70	0.04	0.28	2.39	0.24							1.05	58.44	913.48		0
LES009	LES009M3	Mere	N0285	FWPX	1493.57	1493.77	0.20	0.98	0.20	3.2	0.81	0.52	0.02	0.19	1.54	0.20	3.23	4.71	2.18	0.25	0.53	7.67	1.24	30.13	943.61	7.96	952.86
LES009	LES009M3	Mere	N0286	FWPX	1493.77	1493.97	0.20	0.98	0.20	3.2	0.05	0.03	0.01	0.02	0.11	0.20							1.44				0
LES009	LES009M3	Mere	N0287	FWPX	1493.97	1494.18	0.21	0.98	0.21	3.2	2.10	1.77	0.07	0.26	4.20	0.21							1.64				0
LES009	LES009M3	Mere	N0288	FWPX	1494.18	1494.37	0.19	0.98	0.19	3.2	1.39	0.86	0.05	0.29	2.59	0.19							1.83				0
LES009	LES009M3	Mere	N0289	FWPX	1494.37	1494.57	0.20	0.98	0.20	3.2	5.46	2.07	0.20	0.76	8.49	0.20							2.02				0
LES009	LES009M3	Mere	N0290	FWPX	1494.57	1494.77	0.20	0.98	0.20	3.2	0.87	0.63	0.04	0.75	2.29	0.20							2.22			5.95	1320.33
LES009	LES009M3	Mere	N0291	FWPX	1494.77	1494.97	0.20	0.98	0.20	3.2	0.04	0.02	0.01	0.02	0.09	0.20											

LES009	LES009M4	Mere	N0292	MID1	1491.11	1491.31	0.20	0.98	0.20	3.0	0.03	0.02	0.01	0.03	0.09	0.20											
LES009	LES009M4	Mere	N0293	MID1	1491.31	1491.51	0.20	0.98	0.20	3.0	0.08	0.03	0.01	0.08	0.20	0.20											
LES009	LES009M4	Mere	N0294	HWPX	1491.51	1491.71	0.20	0.98	0.20	3.2	0.04	0.05	0.01	0.03	0.13	0.20											
LES009	LES009M4	Mere	N0295	HWPX	1491.71	1491.91	0.20	0.98	0.20	3.2	0.11	0.05	0.01	0.14	0.31	0.20							0.20	6.06	6.06		0
LES009	LES009M4	Mere	N0296	HWPX	1491.91	1492.20	0.29	0.98	0.28	3.2	2.97	1.62	0.13	0.33	5.05	0.28							0.48	143.25	149.31		0
LES009	LES009M4	Mere	N0297	MCR	1492.20	1492.41	0.21	0.98	0.21	3.3	0.18	0.10	0.01	0.11	0.40	0.21							0.68	8.22	157.53		0
LES009	LES009M4	Mere	N0298	MCR	1492.41	1492.67	0.26	0.98	0.25	3.4	4.09	1.34	0.19	0.33	5.95	0.25							0.94	151.32	308.85		0
LES009	LES009M4	Mere	N0300	M2PEG	1492.67	1492.87	0.20	0.98	0.20	3.3	5.30	1.96	0.53	0.39	8.18	0.20							1.13	160.02	468.88		0
LES009	LES009M4	Mere	N0301	M2PEG	1492.87	1493.19	0.32	0.98	0.31	3.1	1.03	0.74	0.02	0.18	1.97	0.31	3.25	2.30	1.00	0.14	0.25	3.68	1.45	61.66	530.54	3.64	533.191
LES009	LES009M4	Mere	N0302	FWPX	1493.19	1493.39	0.20	0.98	0.20	3.1	0.02	0.02	0.01	0.09	0.14	0.20							1.64				0
LES009	LES009M4	Mere	N0303	FWPX	1493.39	1493.59	0.20	0.98	0.20	3.1	0.01	0.02	0.01	0.05	0.09	0.20							1.84				0
LES009	LES009M4	Mere	N0305	FWPX	1493.59	1493.79	0.20	0.98	0.20	3.1	0.02	0.03	0.01	0.04	0.10	0.20							2.03				0
LES009	LES009M4	Mere	N0306	FWPX	1493.79	1493.98	0.19	0.98	0.19	3.2	0.08	0.08	0.01	0.07	0.24	0.19							2.22				0
LES009	LES009M4	Mere	N0308	FWPX	1493.98	1494.20	0.22	0.98	0.22	3.3	3.73	2.43	0.15	1.00	7.31	0.22							2.44			2.70	658.494
LES009	LES009M4	Mere	N0309	FWPX	1494.20	1494.41	0.21	0.98	0.21	2.5	1.49	0.89	0.04	0.15	2.57	0.21											
LES009	LES009M4	Mere	N0310	FWPX	1494.41	1494.61	0.20	0.98	0.20	2.5	0.42	0.32	0.01	0.10	0.85	0.20											
LES009	LES009U0	UG2	N0073	UG2PX2	1712.14	1712.33	0.19	0.98	0.19	3.26	1.36	0.80	0.12	0.02	2.30	0.19											
LES009	LES009U0	UG2	N0074	UG2PX2	1712.33	1712.53	0.20	0.98	0.20	3.17	0.21	0.38	0.02	0.03	0.63	0.20											
LES009	LES009U0	UG2	N0075	UG2L1	1712.53	1712.70	0.17	0.98	0.17	3.53	1.59	1.25	0.22	0.04	3.09	0.17							0.17	51.73	51.73		0
LES009	LES009U0	UG2	N0077	UG2L2	1712.70	1712.87	0.17	0.98	0.17	3.41	1.11	0.59	0.21	0.01	1.91	0.17							0.33	32.04	83.77		0
LES009	LES009U0	UG2	N0078	UG2	1712.87	1713.06	0.19	0.98	0.19	3.65	1.83	0.19	0.29	0.01	2.32	0.19							0.52	43.43	127.20		0
LES009	LES009U0	UG2	N0079	UG2	1713.06	1713.26	0.20	0.98	0.20	3.78	4.14	0.74	0.58	0.02	5.48	0.20							0.72	107.97	235.17		0
LES009	LES009U0	UG2	N0080	UG2	1713.26	1713.50	0.24	0.98	0.24	3.75	3.37	4.21	0.65	0.22	8.45	0.24							0.96	199.70	434.87		0
LES009	LES009U0	UG2	N0081	UG2	1713.50	1713.70	0.20	0.98	0.20	3.77	2.32	1.15	0.48	0.05	4.00	0.20							1.15	78.69	513.56		0
LES009	LES009U0	UG2	N0082	UG2	1713.70	1713.90	0.20	0.98	0.20	3.83	1.90	1.21	0.40	0.04	3.55	0.20							1.35	69.86	583.42		0
LES009	LES009U0	UG2	N0083	UG2	1713.90	1714.10	0.20	0.98	0.20	3.66	5.42	6.99	0.95	0.39	13.76	0.20	3.69	2.80	2.16	0.49	0.10	5.56	1.55	270.95	854.37	5.32	859.043
LES009	LES009U0	UG2	N0085	UG2PEG	1714.10	1714.30	0.20	0.98	0.20	3.23	0.53	1.21	0.11	0.04	1.88	0.20											
LES009	LES009U0	UG2	N0086	UG2PEG	1714.30	1714.50	0.20	0.98	0.20	3.18	0.11	0.08	0.02	0.01	0.22	0.20											
LES009	LES009U0	UG2	N0087	UG2PEG	1714.50	1714.70	0.20	0.98	0.20	3.18	0.09	0.02	0.01	0.01	0.13	0.20											
LES009	LES009U0	UG2	N0088	UG2PEG	1714.70	1714.97	0.27	0.98	0.27	3.10	0.02	0.01	0.01	0.01	0.05	0.27											
LES009	LES009U0	UG2	N0090	UG2PEG	1714.97	1715.17	0.20	0.98	0.20	3.01	0.13	0.07	0.04	0.01	0.25	0.20											
LES009	LES009U0	UG2	N0091	FW13ANO	1715.17	1715.37	0.20	0.98	0.20	2.78	0.02	0.03	0.01	0.01	0.07	0.20											
LES009	LES009U4	UG2	N0093	UG2PX2	1712.65	1712.83	0.18	0.98	0.18	3.29	0.22	0.05	0.01	0.01	0.29	0.18											
LES009	LES009U4	UG2	N0094	UG2PX2	1712.83	1713.02	0.19	0.98	0.19	3.20	0.21	0.16	0.01	0.02	0.40	0.19											
LES009	LES009U4	UG2	N0096	UG2L1	1713.02	1713.18	0.16	0.98	0.16	3.59	1.98	1.08	0.34	0.03	3.43	0.16							0.16	54.01	54.01		0
LES009	LES009U4	UG2	N0097	UG2L2	1713.18	1713.34	0.16	0.98	0.16	3.42	0.99	0.31	0.21	0.02	1.53	0.16							0.32	24.14	78.16		0
LES009	LES009U4	UG2	N0098	UG2	1713.34	1713.54	0.20	0.98	0.20	3.72	1.87	0.14	0.31	0.01	2.33	0.20							0.51	45.83	123.99		0
LES009	LES009U4	UG2	N0099	UG2	1713.54	1713.74	0.20	0.98	0.20	3.82	3.13	0.35	0.45	0.02	3.94	0.20							0.71	77.68	201.67		0
LES009	LES009U4	UG2	N0100	UG2	1713.74	1713.93	0.19	0.98	0.19	3.77	7.46	12.09	1.12	0.70	21.37	0.19							0.90	399.86	601.53		0
LES009	LES009U4	UG2	N0101	UG2	1713.93	1714.12	0.19	0.98	0.19	3.74	2.57	2.21	0.54	0.18	5.51	0.19							1.08	103.05	704.58		0
LES009	LES009U4	UG2	N0103	UG2	1714.12	1714.31	0.19	0.98	0.19	3.80	2.23	2.16	0.45	0.09	4.95	0.19							1.27	92.56	797.14		0
LES009	LES009U4	UG2	N0104	UG2	1714.31	1714.50	0.19	0.98	0.19	3.80	1.90	1.47	0.43	0.06	3.86	0.19							1.46	72.21	869.35		0
LES009	LES009U4	UG2	N0105	UG2	1714.50	1714.72	0.22	0.98	0.22	3.63	4.90	6.96	0.88	0.26	13.00	0.22	3.71	3.10	3.11	0.54	0.16	6.91	1.67	281.66	1151.01	6.66	1156.48
LES009	LES009U4	UG2	N0106	UG2PEG	1714.72	1714.92	0.20	0.98	0.20	3.01	0.15	0.28	0.03	0.02	0.47	0.20											
LES009	LES009U4	UG2	N0107	UG2PEG	1714.92	1715.15	0.23	0.98	0.23	3.02	0.07	0.02	0.02	0.01	0.12	0.23											
LES009	LES009U4	UG2	N0109	UG2PEG	1715.15	1715.35	0.20	0.98	0.20	3.18	0.03	0.01	0.01	0.03	0.07	0.20											
LES009	LES009U4	UG2	N0110	UG2PEG	1715.35	1715.54	0.19	0.98	0.19	3.13	0.02	0.01	0.01	0.01	0.05	0.19											
LES009	LES009U4	UG2	N0092	FW13ANO	1715.37	1715.55	0.18	0.98	0.18	2.79	0.03	0.02	0.01	0.01	0.07	0.18											
LES009	LES009U4	UG2	N0111	UG2PEG	1715.54	1715.74	0.20	0.98	0.20	3.09	0.18	0.07	0.05	0.02	0.31	0.20											
LES009	LES009U4	UG2	N0113	FW13ANO	1715.74	1715.94	0.20	0.98	0.20	2.77	0.03	0.01	0.01	0.01	0.07	0.20											
LES009	LES009U4	UG2	N0114	FW13ANO	1715.94	1716.14	0.20	0.98	0.20	3.03	1.10	0.93	0.10	0.03	2.17	0.20											
LES009	LES009U5	UG2	N0115	UG2PX2	1712.51	1712.75	0.24	0.98	0.24	3.06	1.12	0.88	0.11	0.03	2.16	0.24											
LES009	LES009U5	UG2	N0116	UG2PX2	1712.75	1712.98	0.23	0.98	0.23	3.16	0.17	0.08	0.01	0.02	0.29	0.23											
LES009	LES009U5	UG2	N0117	UG2L1	1712.98	1713.16	0.18	0.98	0.18	3.46	1.53	1.09	0.24	0.03	2.89	0.18							0.18	51.21	51.21		0
LES009	LES009U5	UG2	N0118	UG2L2	1713.16	1713.33	0.17	0.98	0.17	3.52	1.49	1.45	0.31	0.01	3.26	0.17							0.34	54.54	105.74		0
LES009	LES009U5	UG2	N0119	UG2	1713.33	1713.52	0.19	0.98	0.19	3.75	1.97	0.21	0.33	0.01	2.52	0.19							0.53	47.25	152.99		0
LES009	LES009U5	UG2	N0120	UG2	1713.52	1713.72	0.20	0.98	0.20	3.76	2.55	0.13	0.38	0.01	3.08	0.20							0.73	60.60	213.59		0
LES009	LES009U5	UG2	N0122	UG2	1713.72	1713.93	0.21	0.98	0.21	3.71	4.19	4.10	0.78	0.34	9.41	0.21							0.94	194.65	408.24		0
LES009	LES009U5	UG2	N0123	UG2	1713.93	1714.13	0.20	0.98	0.20	3.79	2.21	1.31	0.45	0.06	4.03	0.20							1.13	79.37	487.61		0
LES009	LES009U5	UG2	N0124	UG2	1714.13	1714.34	0.21	0.98	0.21	3.79	1.96	1.77	0.43	0.05	4.21	0.21							1.34	86.98	574.58		0
LES009	LES009U5	UG2	N0125	UG2	1714.34	1714.54	0.20	0.98	0.20	3.83	2.44	2.63	0.51	0.18	5.76	0.20							1.54	113.44	688.03		0
LES009	LES009U5	UG2	N0127	UG2	1714.54	1714.74	0.20	0.98	0.20	3.72	6.85	7.63	1.05	0.30	15.84	0.20	3.71	2.86	2.31	0.51	0.11	5.79	1.73	312.06	1000.08	5.67	982.15
LES009	LES009U5	UG2	N0128	UG2PEG	1714.74	1714.94	0.20	0.98	0.20	3.07	0.21	0.20	0.07	0.01	0.49	0.20											
LES009	LES009U5	UG2	N0129	UG2PEG	1714.94	1715.14	0.20	0.98	0.20	3.03	0.17	0.39	0.05	0.02	0.63	0.20											
LES009	LES009U5	UG2	N0130	UG2PEG	1715.14	1715.34	0.20	0.98	0.20	3.07	0.03	0.03	0.01	0.01	0.08	0.20											
LES009	LES009U5	UG2	N0131	UG2PEG	1715.34	1715.51	0.17	0.98	0.17	3.08	0.02	0.02	0.01	0.01	0.06	0.17											
LES009	LES009U5	UG2	N0132	UG2PEG	1715.51	1715.71	0.20	0.98	0.20	3.09	0.18	0.09	0.05	0.02	0.33	0.20											
LES009	LES009U5	UG2	N0134	FW13ANO	1715.71	1715.91	0.20	0.98	0.20	2.81	0.04	0.04	0.01	0.02	0.10	0.20											
LES009	LES009U5	UG2	N0135	FW13ANO	1715.91	1716.11	0.20	0.98	0.20	2.79	0.03	0.01	0.01	0.01	0.07	0.20											
LES010	LES010M0	Mere	N0865	MID1	1882.16	1882.34	0.18	0.98	0.18	3.02	0.03	0.02	0.01	0.02	0.08	0.18											
LES010	LES010M0	Mere	N0866	MID1	1882.34	1882.54	0.20	0.98	0.20	3.04	0.03	0.01	0.01	0.05	0.10	0.20											
LES010	LES010M0	Mere	N0867	HWPX	1882.54	1882.73	0.19	0.98	0.19	3.20	0.09	0.03	0.01	0.10	0.23	0.19							0.19	4.30	4.30		0
LES010	LES010M0	Mere	N0869	HWPX	1882.73	1882.93	0.20	0.98	0.20	3.24	0.12	0.06	0.01	0.16	0.35	0.20							0.38	6.89	11.20		0
LES010	LES010M0	Mere	N0870	HWPX	1882.93	1883.15	0.22	0.98	0.22	3.33	3.07	1.05	0.19	0.24	4.55	0.22							0.60	98.58	109.78		0
LES010	LES010M0	Mere	N0871	M1PX	1883.15	1883.30	0.15	0.98	0.15	3.31	4.06	1.85	0.20	0.52	6.63	0.15							0.75	97.94	207.72		0
LES010	LES010M0	Mere	N0873	M2PEG	1883.30	1883.60	0.30	0.98	0.30	3.30	6.35	2.20	0.52	0.57	9.64	0.30	3.28	3.07	1.13	0.22	0.33	4.76	1.04	284.81	492.52	4.28	496.711
LES010	LES010M0	Mere	N0874	FWPX	1883.60	1883.80	0.20	0.98	0.20	3.34	0.02	0.02	0.01	0.01	0.06	0.20											
LES010	LES010M0	Mere	N0875	FWPX	1883.80	1883.99	0.19	0.98	0.19	3.24	0.04	0.02	0.01	0.01	0.08	0.19											
LES010	LES010M0	Mere	N0876	FWPX	1883.99	1884.19	0.20	0.98	0.20	3.20	0.01	0.01	0.01	0.01	0.04	0.20											
LES010	LES010M0	Mere	N0877	FWPX	1884.19	1884.69	0.50	0.98	0.49	3.24	0.01	0.01	0.01	0.01	0.04	0.49											
LES010	LES010M0	Mere	N0878	FWPX	1884.69	1885.20	0.51	0.98	0.50	3.24	0.01	0.01	0.01	0.01	0.04	0.50											
LES010	LES010M0	Mere	N0880	FWPX	1885.20	1885.70	0.50	0.98	0.49	3.24	0.01	0.01	0.01	0.01	0.04	0.49											
LES010	LES010M0	Mere	N0881	FWPX	1885.70	1886.19	0.49	0.98	0.48	3.23	0.01	0.01	0.01	0.01	0.04	0.48											
LES010	LES010M0	Mere	N0882	FWPX	1886.19	1886.69	0.50	0.98	0.49	3.25	0.01	0.02	0.01	0.01	0.05	0.49											
LES010	LES010M0	Mere	N0883	FWPX	1886.69	1887.17	0.48	0.98	0.47	3.16	0.01	0.01	0.01	0.01	0.04	0.47											
LES010	LES010M0	Mere	N0884	FWPX	1887.17	1887.66	0.49	0.98	0.48	3.17	0.03	0.01	0.01	0.01	0.06	0.48											
LES010	LES010M0	Mere	N0886	FWPX	1887.66	1888.66	1.00	0.98	0.98	3.18	0.02	0.03	0.01	0.01	0.07	0.98											
LES010	LES010M0	Mere	N0887	FWPX	1888.66	1889.66	1.00	0.98	0.98	3.18	0.03	0.18	0.01	0.01	0.23	0.98											
LES010	LES010M0	Mere	N0888	FWPX	1889.66	1890.64	0.98	0.98	0.97	3.17	0.01	0.02	0.01	0.01	0.05	0.97											
LES010	LES010M0	Mere	N0890	FWPX	1890.64	1891.15	0.51	0.98	0.50	3.17	0.01	0.01	0.01	0.01	0.04	0.50											
LES010	LES010M0	Mere	N0891	FW1	1891.15	1891.35	0.20	0.98	0.20	3.03	0.01	0.01	0.01	0.01	0.04	0.20											
LES010	LES010M0	Mere	N0892	FW1	1891.35	1891.55	0.20	0.98	0.20	2.98	0.01	0.01	0.01	0.01	0.04	0.20											
LES010	LES010M6	Mere	N0893	MID1	1881.88	1882.09	0.21	0.98	0.21	3.02	0.04	0.01	0.01	0.02	0.08	0.21											
LES010	LES010M6	Mere	N0894	MID1	1882.09	1882.27	0.18	0.98	0.18	3.05	0.03	0.02	0.01	0.04	0.10	0.18											
LES010	LES010M6	Mere	N0895	HWPX	1882.27	1882.49	0.22	0.98	0.22	3.23	0.09	0.04	0.01	0.11	0.25	0.22											
LES010	LES010M6	Mere	N0897	HWPX	1882.49	1882.68	0.19	0.98	0.19	3.25	0.15	0.07	0.01	0.16	0.39	0.19											
LES010	LES010M6	Mere	N0898	HWPX	1882.68	1882.84	0.16	0.98	0.16	3.26	1.65	0.64	0.08	0.16	2.53	0.16							0.16	39.87	39.87		0
LES010	LES010M6	Mere	N0899	M1PX	1882.84	1883.05	0.21	0.98	0.21	3.28	4.71	2.75	0.23	0.35	8.04	0.21							0.36	166.27	206.14		0
LES010	LES010M6	Mere	N0901	M2PEG	1883.05	1883.24	0.19	0.98	0.19	3.29	3.67	1.23	0.21	0.23	5.34	0.19							0.55	99.92	306.06		0
LES010	LES010M6	Mere	N0902	M2PEG	1883.24	1883.44	0.20	0.98	0.20	3.29	2.37	1.16	0.11	0.29	3.93	0.20							0.75	77.41	383.46		0
LES010	LES010M6	Mere	N0903	M2PEG	1883.44	1883.68	0.24	0.98	0.24	3.21	4.97	3.21	0.46	0.18	8.82	0.24							0.98	208.46	591.93		0
LES010	LES010M6	Mere	N0905	M2PEG	1883.68	1883.88	0.20	0.98	0.20	3.26	0.75	0.43	0.02	0.11	1.31	0.20	3.26	3.14	1.66	0.20	0.22	5.22	1.18	25.80	617.73	3.83	616.57
LES010	LES010M6	Mere	N0906	FWPX	1883.88	1884.08	0.20	0.98	0.20	3.25	0.71	0.43	0.02	0.10	1.26	0.20											
LES010	LES010M6	Mere	N0907	FWPX	1884.08	1884.30	0.22	0.98	0.22	3.26	0.63	0.41	0.02	0.10	1.16	0.22											
LES010	LES010M6	Mere	N0908	FWPX	1884.30	1884.50	0.20	0.98	0.20	3.24	0.01	0.01	0.01	0.01	0.04	0.20											
LES010	LES010M6	Mere	N0909	FWPX	1884.50	1884.70	0.20	0.98	0.20	3.24	0.01	0.01	0.01	0.01	0.04	0.20											
LES010	LES010M6	Mere	N0911	FWPX	1884.70	1884.89	0.19	0.98	0.19	3.24	0.01	0.01	0.01	0.01	0.04	0.19											
LES010	LES010M6	Mere	N0912	FWPX	1884.89	1885.10	0.21	0.98	0.21	3.25	0.05	0.03	0.01	0.01	0.10	0.21											
LES010	LES010M6	Mere	N0913	FWPX	1885.10	1885.27	0.17	0.98	0.17	3.24	0.01	0.01	0.01	0.01	0.04	0.17											
LES010	LES010M6	Mere	N0914	FWPX	1885.27	1885.47	0.20	0.98	0.20	3.23	0.01	0.01	0.01	0.01	0.04	0.20											

LES010	LES010M7	Mere	N0915	MID1	1881.90	1882.10	0.20	0.98	0.20	3.02	0.03	0.01	0.01	0.03	0.08	0.20											
LES010	LES010M7	Mere	N0916	MID1	1882.10	1882.30	0.20	0.98	0.20	3.05	0.05	0.03	0.01	0.05	0.14	0.20											
LES010	LES010M7	Mere	N0917	HWPX	1882.30	1882.50	0.20	0.98	0.20	3.24	0.09	0.04	0.01	0.10	0.24	0.20							0.20	4.73	4.73		0
LES010	LES010M7	Mere	N0918	HWPX	1882.50	1882.70	0.20	0.98	0.20	3.25	0.14	0.06	0.01	0.15	0.36	0.20							0.39	7.09	11.82		0
LES010	LES010M7	Mere	N0920	HWPX	1882.70	1882.89	0.19	0.98	0.19	3.25	2.16	0.74	0.09	0.15	3.14	0.19							0.58	58.75	70.57		0
LES010	LES010M7	Mere	N0921	M1PX	1882.89	1883.09	0.20	0.98	0.20	3.27	3.75	1.77	0.16	0.30	5.98	0.20							0.78	117.78	188.35		0
LES010	LES010M7	Mere	N0922	M2PEG	1883.09	1883.28	0.19	0.98	0.19	3.26	5.20	1.43	0.31	0.39	7.33	0.19							0.97	137.15	325.51		0
LES010	LES010M7	Mere	N0923	M2PEG	1883.28	1883.51	0.23	0.98	0.23	3.26	2.45	1.33	0.11	0.19	4.08	0.23	3.26	2.28	0.90	0.11	0.21	3.51	1.19	92.41	417.92	2.67	418.679
LES010	LES010M7	Mere	N0924	M2PEG	1883.51	1883.67	0.16	0.98	0.16	3.18	0.02	0.02	0.01	0.02	0.07	0.16											
LES010	LES010M7	Mere	N0926	M2PEG	1883.67	1883.85	0.18	0.98	0.18	3.22	0.49	0.43	0.02	0.15	1.09	0.18											
LES010	LES010M7	Mere	N0927	FWPX	1883.85	1884.05	0.20	0.98	0.20	3.25	0.77	0.38	0.02	0.08	1.25	0.20											
LES010	LES010M7	Mere	N0928	FWPX	1884.05	1884.26	0.21	0.98	0.21	3.23	0.01	0.01	0.01	0.01	0.04	0.21											
LES010	LES010M7	Mere	N0930	FWPX	1884.26	1884.46	0.20	0.98	0.20	3.23	0.01	0.01	0.01	0.02	0.05	0.20											
LES010	LES010M7	Mere	N0931	FWPX	1884.46	1884.66	0.20	0.98	0.20	3.26	0.02	0.01	0.01	0.01	0.05	0.20											
LES010	LES010M7	Mere	N0932	FWPX	1884.66	1884.84	0.18	0.98	0.18	3.24	0.01	0.01	0.01	0.01	0.04	0.18											
LES010	LES010M7	Mere	N0934	FWPX	1884.84	1885.35	0.51	0.98	0.50	3.25	0.01	0.01	0.01	0.01	0.04	0.50											
LES010	LES010M7	Mere	N0935	FWPX	1885.35	1885.84	0.49	0.98	0.48	3.25	0.01	0.01	0.01	0.03	0.06	0.48											
LES010	LES010M7	Mere	N0936	FWPX	1885.84	1886.33	0.49	0.98	0.48	3.25	0.02	0.03	0.01	0.02	0.08	0.48											
LES010	LES010U0	UG2	N0937	UG2HZ2	2132.58	2132.77	0.19	1.00	0.19	3.22	0.16	0.08	0.01	0.01	0.26	0.19											
LES010	LES010U0	UG2	N0938	UG2HZ2	2132.77	2132.96	0.19	1.00	0.19	3.11	0.08	0.04	0.01	0.01	0.14	0.19											
LES010	LES010U0	UG2	N0939	UG2L	2132.96	2133.24	0.28	1.00	0.28	3.46	1.31	0.70	0.22	0.02	2.25	0.28											
LES010	LES010U0	UG2	N0940	UG2PX1	2133.24	2133.74	0.50	1.00	0.50	3.17	0.13	0.02	0.01	0.01	0.17	0.50											
LES010	LES010U0	UG2	N0941	UG2PX1	2133.74	2134.24	0.50	1.00	0.50	3.15	0.14	0.05	0.01	0.01	0.21	0.50											
LES010	LES010U0	UG2	N0942	UG2PX1	2134.24	2134.65	0.41	1.00	0.41	3.22	0.23	0.07	0.04	0.01	0.35	0.41											
LES010	LES010U0	UG2	N0943	UG2A	2134.65	2134.82	0.17	1.00	0.17	3.82	2.32	0.15	0.32	0.01	2.8	0.17							0.17	47.42	47.42		0
LES010	LES010U0	UG2	N0944	UG2A	2134.82	2134.99	0.17	1.00	0.17	3.81	3.87	0.27	0.47	0.01	4.62	0.17							0.34	78.24	125.66		0
LES010	LES010U0	UG2	N0945	UG2MPX	2134.99	2135.19	0.20	1.00	0.20	3.19	0.07	0.03	0.01	0.01	0.12	0.20							0.54	2.39	128.05		0
LES010	LES010U0	UG2	N0946	UG2MPX	2135.19	2135.39	0.20	1.00	0.20	3.21	0.21	0.03	0.02	0.01	0.27	0.20							0.74	5.38	133.43		0
LES010	LES010U0	UG2	N0947	UG2MPX	2135.39	2135.59	0.20	1.00	0.20	3.21	0.01	0.01	0.01	0.01	0.04	0.20							0.94	0.80	134.23		0
LES010	LES010U0	UG2	N0949	UG2MPX	2135.59	2135.79	0.20	1.00	0.20	3.23	0.03	0.01	0.01	0.01	0.06	0.20							1.14	1.20	135.42		0
LES010	LES010U0	UG2	N0950	UG2MPX	2135.79	2136.00	0.21	1.00	0.21	3.15	0.01	0.01	0.01	0.01	0.04	0.21							1.34	0.84	136.26		0
LES010	LES010U0	UG2	N0951	UG2MPX	2136.00	2136.20	0.20	1.00	0.20	3.13	0.02	0.01	0.01	0.01	0.05	0.20							1.54	1.00	137.26		0
LES010	LES010U0	UG2	N0953	UG2MPX	2136.20	2136.40	0.20	1.00	0.20	3.10	0.01	0.04	0.01	0.01	0.07	0.20							1.74	1.39	138.65		0
LES010	LES010U0	UG2	N0954	UG2B	2136.40	2136.57	0.17	1.00	0.17	3.45	5.01	5.35	0.71	0.36	11.43	0.17							1.91	193.57	332.22		0
LES010	LES010U0	UG2	N0955	UG2B	2136.57	2136.78	0.21	1.00	0.21	3.80	2.52	2.30	0.45	0.08	5.35	0.21							2.12	111.92	444.14		0
LES010	LES010U0	UG2	N0956	UG2B	2136.78	2137.00	0.22	1.00	0.22	3.88	2.30	1.39	0.44	0.04	4.17	0.22							2.34	91.39	535.53		0
LES010	LES010U0	UG2	N0958	UG2B	2137.00	2137.21	0.21	1.00	0.21	3.82	1.64	1.17	0.34	0.03	3.18	0.21							2.55	66.53	602.06		0
LES010	LES010U0	UG2	N0959	UG2B	2137.21	2137.40	0.19	1.00	0.19	3.81	7.31	9.53	1.07	0.37	18.28	0.19	3.50	1.86	1.51	0.29	0.07	3.73	2.74	346.00	948.06	3.67	1020.99
LES010	LES010U0	UG2	N0960	UG2PEG	2137.40	2137.60	0.20	1.00	0.20	3.01	0.60	1.39	0.13	0.03	2.15	0.20											
LES010	LES010U0	UG2	N0961	UG2PEG	2137.60	2137.79	0.19	1.00	0.19	3.00	0.09	0.12	0.01	0.02	0.24	0.19											
LES010	LES010U0	UG2	N0962	UG2PEG	2137.79	2138.03	0.24	1.00	0.24	3.04	0.15	0.17	0.02	0.01	0.35	0.24											
LES010	LES010U0	UG2	N0963	UG2PEG	2138.03	2138.24	0.21	1.00	0.21	3.42	3.46	5.31	0.70	0.15	9.62	0.21											
LES010	LES010U0	UG2	N0964	UG2PEG	2138.24	2138.45	0.21	1.00	0.21	3.33	2.30	3.78	0.57	0.13	6.78	0.21											
LES010	LES010U0	UG2	N0966	UG2PEG	2138.45	2138.73	0.28	1.00	0.28	3.15	0.48	2.02	0.07	0.10	2.67	0.28											
LES010	LES010U0	UG2	N0967	UG2PEG	2138.73	2138.99	0.26	1.00	0.26	3.16	0.02	0.04	0.01	0.01	0.08	0.26											
LES010	LES010U0	UG2	N0968	UG2PEG	2138.99	2139.19	0.20	1.00	0.20	3.18	0.07	0.03	0.01	0.01	0.12	0.20											
LES010	LES010U0	UG2	N0969	UG2PEG	2139.19	2139.39	0.20	1.00	0.20	3.17	0.03	0.02	0.01	0.01	0.07	0.20											
LES010	LES010U0	UG2	N0970	UG2PEG	2139.39	2139.59	0.20	1.00	0.20	3.17	0.01	0.01	0.01	0.01	0.04	0.20											
LES010	LES010U0	UG2	N0971	UG2PEG	2139.59	2139.78	0.19	1.00	0.19	3.03	0.66	1.76	0.07	0.01	2.5	0.19											
LES010	LES010U0	UG2	N0973	FW13ANO	2139.78	2139.98	0.20	1.00	0.20	2.8	0.34	0.11	0.04	0.01	0.5	0.20											
LES010	LES010U0	UG2	N0974	FW13ANO	2139.98	2140.19	0.21	1.00	0.21	2.79	0.03	0.02	0.01	0.01	0.07	0.21											
LES010	LES010U1U1	UG2	N1161	UG2HZ2	2133.14	2133.32	0.18	1.00	0.18	3.29	0.16	0.07	0.01	0.01	0.25	0.18											
LES010	LES010U1U1	UG2	N1162	UG2HZ2	2133.32	2133.51	0.19	1.00	0.19	3.26	0.10	0.03	0.01	0.01	0.15	0.19											
LES010	LES010U1U1	UG2	N1163	UG2L	2133.51	2133.78	0.27	1.00	0.27	3.62	1.32	0.61	0.21	0.02	2.16	0.27											
LES010	LES010U1U1	UG2	N1164	UG2PX1	2133.78	2134.00	0.22	1.00	0.22	3.25	0.24	0.06	0.03	0.01	0.34	0.22											
LES010	LES010U1U1	UG2	N1165	UG2PX1	2134.00	2134.54	0.54	1.00	0.54	3.17	0.10	0.02	0.02	0.01	0.15	0.54											
LES010	LES010U1U1	UG2	N1167	UG2PX1	2134.54	2134.98	0.44	1.00	0.44	3.26	0.28	0.07	0.04	0.01	0.4	0.44											
LES010	LES010U1U1	UG2	N1168	UG2PX1	2134.98	2135.18	0.20	1.00	0.20	3.27	0.22	0.05	0.03	0.01	0.31	0.20											
LES010	LES010U1U1	UG2	N1169	UG2A	2135.18	2135.35	0.17	1.00	0.17	3.83	2.16	0.16	0.30	0.01	2.63	0.17							0.17	44.54	44.54		0
LES010	LES010U1U1	UG2	N1170	UG2A	2135.35	2135.52	0.17	1.00	0.17	3.81	4.14	0.82	0.49	0.01	5.46	0.17							0.34	92.47	137.01		0
LES010	LES010U1U1	UG2	N1171	UG2MPX	2135.52	2136.09	0.57	1.00	0.56	3.19	0.06	0.03	0.01	0.01	0.11	0.56							0.90	6.19	143.20		0
LES010	LES010U1U1	UG2	N1172	UG2MPX	2136.09	2136.57	0.49	1.00	0.48	3.22	0.09	0.03	0.01	0.01	0.14	0.48							1.38	6.76	149.96		0
LES010	LES010U1U1	UG2	N1173	UG2MPX	2136.57	2136.73	0.15	1.00	0.15	3.22	0.03	0.01	0.01	0.01	0.06	0.15							1.54	0.93	150.89		0
LES010	LES010U1U1	UG2	N1175	UG2MPX	2136.73	2136.92	0.20	1.00	0.19	3.43	2.93	3.08	0.41	0.26	6.68	0.19							1.73	129.76	280.65		0
LES010	LES010U1U1	UG2	N1176	UG2MPX	2136.92	2137.12	0.20	1.00	0.20	3.23	0.05	0.06	0.01	0.01	0.13	0.20							1.93	2.59	283.24		0
LES010	LES010U1U1	UG2	N1177	UG2B	2137.12	2137.32	0.20	1.00	0.19	3.83	2.60	2.32	0.44	0.10	5.46	0.19							2.13	106.06	389.31		0
LES010	LES010U1U1	UG2	N1179	UG2B	2137.32	2137.51	0.20	1.00	0.19	3.95	2.37	1.72	0.46	0.06	4.61	0.19							2.32	89.55	478.86		0
LES010	LES010U1U1	UG2	N1180	UG2B	2137.51	2137.69	0.18	1.00	0.18	3.94	1.78	0.90	0.36	0.03	3.07	0.18							2.50	55.05	533.91		0
LES010	LES010U1U1	UG2	N1181	UG2B	2137.69	2137.88	0.19	1.00	0.19	3.86	4.92	6.89	0.83	0.27	12.91	0.19	3.52	1.59	1.23	0.25	0.06	3.13	2.69	244.36	778.27	3.23	841.469
LES010	LES010U1U1	UG2	N1183	UG2PEG	2137.88	2138.09	0.21	1.00	0.21	3.22	0.08	0.12	0.01	0.01	0.22	0.21											
LES010	LES010U1U1	UG2	N1184	UG2PEG	2138.09	2138.29	0.20	1.00	0.20	3.27	0.01	0.03	0.01	0.01	0.06	0.20											
LES010	LES010U1U1	UG2	N1185	UG2PEG	2138.29	2138.50	0.21	1.00	0.21	3.28	0.01	0.02	0.01	0.01	0.05	0.21											
LES010	LES010U1U1	UG2	N1186	UG2PEG	2138.50	2138.69	0.19	1.00	0.19	3.23	0.05	0.02	0.01	0.01	0.09	0.19											
LES010	LES010U1U1	UG2	N1187	UG2PEG	2138.69	2138.90	0.21	1.00	0.21	3.11	0.07	0.02	0.02	0.01	0.12	0.21											
LES010	LES010U1U1	UG2	N1188	UG2PEG	2138.90	2139.10	0.20	1.00	0.20	3.12	0.01	0.01	0.01	0.01	0.04	0.20											
LES010	LES010U1U1	UG2	N1190	UG2PEG	2139.10	2139.31	0.20	1.00	0.20	3.14	0.04	0.03	0.01	0.01	0.09	0.20											
LES010	LES010U1U1	UG2	N1191	UG2PEG	2139.31	2139.49	0.18	1.00	0.18	3.12	1.16	3.41	0.10	0.13	4.8	0.18											
LES010	LES010U1U1	UG2	N1192	FW13ANO	2139.49	2139.68	0.19	1.00	0.19	2.82	0.41	0.19	0.05	0.01	0.66	0.19											
LES010	LES010U1U1	UG2	N1193	FW13ANO	2139.68	2139.88	0.20	1.00	0.20	2.8	0.02	0.01	0.01	0.01	0.05	0.20											
LES010	LES010U6	UG2	N1194	UG2HZ2	2133.11	2133.29	0.18	1.00	0.18	3.19	0.15	0.05	0.01	0.01	0.22	0.18											
LES010	LES010U6	UG2	N1195	UG2HZ2	2133.29	2133.49	0.20	1.00	0.20	3.16	0.32	0.16	0.01	0.01	0.5	0.20											
LES010	LES010U6	UG2	N1196	UG2L	2133.49	2133.74	0.25	1.00	0.25	3.55	1.55	1.04	0.24	0.02	2.85	0.25											
LES010	LES010U6	UG2	N1197	UG2PX1	2133.74	2133.94	0.20	1.00	0.20	3.18	0.20	0.05	0.04	0.01	0.3	0.20											
LES010	LES010U6	UG2	N1198	UG2PX1	2133.94	2134.43	0.49	1.00	0.49	3.18	0.10	0.03	0.01	0.01	0.15	0.49											
LES010	LES010U6	UG2	N1200	UG2PX1	2134.43	2134.88	0.45	1.00	0.45	3.18	0.21	0.07	0.04	0.01	0.33	0.45											
LES010	LES010U6	UG2	N1201	UG2PX1	2134.88	2135.07	0.19	1.00	0.19	3.15	0.19	0.05	0.03	0.01	0.28	0.19											
LES010	LES010U6	UG2	N1202	UG2A	2135.07	2135.25	0.18	1.00	0.18	3.71	2.10	0.14	0.29	0.01	2.54	0.18							0.18	45.55	45.55		0
LES010	LES010U6	UG2	N1204	UG2A	2135.25	2135.45	0.20	1.00	0.19	3.86	3.66	0.27	0.43	0.01	4.37	0.19							0.37	84.89	130.44		0
LES010	LES010U6	UG2	N1205	UG2MPX	2135.45	2135.94	0.49	1.00	0.49	3.21	0.04	0.02	0.01	0.01	0.08	0.49							0.87	3.94	134.38		0
LES010	LES010U6	UG2	N1206	UG2MPX	2135.94	2136.27	0.33	1.00	0.33	3.22	0.07	0.02	0.01	0.01	0.11	0.33							1.20	3.62	138.00		0
LES010	LES010U6	UG2	N1207	UG2MPX	2136.27	2136.77	0.50	1.00	0.50	3.16	0.01	0.01	0.01	0.01	0.04	0.50							1.69	1.99	139.99		0
LES010	LES010U6	UG2	N1208	UG2MPX	2136.77	2137.01	0.24	1.00	0.24	3.37	2.54	4.34	0.46	0.30	7.64	0.24							1.93	182.66	322.65		0
LES010	LES010U6	UG2	N1210	UG2B	2137.01	2137.21	0.20	1.00	0.20	3.83	3.25	3.79	0.55	0.22	7.81	0.20							2.13	155.61	478.26		0
LES010	LES010U6	UG2	N1211	UG2B	2137.21	2137.41	0.20	1.00	0.20	3.82	2.08	1.45	0.40	0.06	3.99	0.20							2.33	79.50	557.75		0
LES010	LES010U6	UG2	N1212	UG2B	2137.41	2137.65	0.24	1.00	0.24	3.95	1.82	1.21	0.39	0.04	3.46	0.24							2.57	82.72	640.48		0
LES010	LES010U6	UG2	N1214	UG2B	2137.65	2137.91	0.26	1.00	0.26	3.88	6.75	7.30	0.81	0.25	15.11	0.26	3.53	1.91	1.65	0.29	0.08	3.92	2.83	391.37	1031.84	3.53	1109.93
LES010	LES010U6	UG2	N1215	UG2PEG	2137.91	2138.12	0.20	1.00	0.20	3.10	1.59	3.01	0.17	0.08	4.85	0.20											
LES010	LES010U6	UG2	N1216	UG2PEG	2138.12	2138.31	0.20	1.00	0.19	3.08	0.03	0.05	0.01	0.01	0.1	0.19											
LES010	LES010U6	UG2	N1217	UG2PEG	2138.31	2138.51	0.20	1.00	0.20	3.29	0.05	0.04	0.01	0.01	0.11	0.20											
LES010	LES010U6	UG2	N1218	UG2PEG	2138.51	2138.69	0.18	1.00	0.18	3.22	0.05	0.03	0.01	0.01	0.1	0.18											
LES010	LES010U6	UG2	N1219	UG2PEG	2138.69	2138.92	0.23	1.00	0.23	3.24	0.08	0.04	0.01	0.01	0.14	0.23											
LES010	LES010U6	UG2	N1221	UG2PEG	2138.92	2139.15	0.22	1.00	0.22	3.24	0.01	0.01	0.01	0.01	0.04	0.22											
LES010	LES010U6	UG2	N1222	UG2PEG	2139.15	2139.33	0.18	1.00	0.18	3.18	0.02	0.01	0.01	0.01	0.05	0.18											
LES010	LES010U6	UG2	N1223	UG2PEG	2139.33	2139.54	0.20	1.00	0.20	3.07	1.12	2.63	0.11	0.21	4.07	0.20											
LES010	LES010U6	UG2	N1224	FW13ANO	2139.54	2139.74	0.20	1.00	0.20	2.89	1.32	0.51	0.18	0.01	2.02	0.20											
LES010	LES010U6	UG2	N1225	FW13ANO	2139.74	2139.93	0.19	1.00	0.19	2.78	0.04	0.02	0.01	0.01	0.08	0.19											

LES011	LES011M0	Mere	N1695	MID1	1728.75	1728.95	0.20	0.91	0.18	2.92	0.02	0.01	0.01	0.01	0.05	0.18											
LES011	LES011M0	Mere	N1696	MID1	1728.95	1729.16	0.21	0.91	0.19	2.94	0.01	0.01	0.01	0.01	0.04	0.19											
LES011	LES011M0	Mere	N1697	HWPX	1729.16	1729.37	0.21	0.91	0.19	3.10	0.02	0.01	0.01	0.01	0.05	0.19											
LES011	LES011M0	Mere	N1698	HWPX	1729.37	1729.57	0.20	0.91	0.18	3.07	0.03	0.02	0.01	0.01	0.07	0.18											
LES011	LES011M0	Mere	N1699	HWPX	1729.57	1729.77	0.20	0.91	0.18	2.98	0.02	0.02	0.01	0.01	0.06	0.18											
LES011	LES011M0	Mere	N1700	HWPX	1729.77	1729.96	0.19	0.91	0.17	3.08	0.18	0.70	0.01	0.09	0.98	0.17											
LES011	LES011M0	Mere	N1701	HWPX	1729.96	1730.17	0.21	0.91	0.19	3.03	0.02	0.02	0.01	0.01	0.06	0.19											
LES011	LES011M0	Mere	N1702	HWPX	1730.17	1730.37	0.20	0.91	0.18	2.95	0.03	0.02	0.01	0.01	0.07	0.18											
LES011	LES011M0	Mere	N1704	HWPX	1730.37	1730.57	0.20	0.91	0.18	3.00	0.32	0.18	0.01	0.06	0.57	0.18											
LES011	LES011M0	Mere	N1705	HWPX	1730.57	1730.78	0.21	0.91	0.19	3.22	1.83	1.36	0.08	0.29	3.56	0.19											
LES011	LES011M0	Mere	N1706	HWPX	1730.78	1730.97	0.19	0.91	0.17	3.37	4.51	2.30	0.20	0.51	7.52	0.17							0.17	129.49	129.49		0
LES011	LES011M0	Mere	N1707	HWPX	1730.97	1731.18	0.21	0.91	0.19	3.34	3.17	1.75	0.19	0.47	5.58	0.19							0.36	106.20	235.69		0
LES011	LES011M0	Mere	N1708	HWPX	1731.18	1731.35	0.17	0.91	0.15	3.23	3.07	1.46	0.13	0.35	5.01	0.15							0.52	77.19	312.88		0
LES011	LES011M0	Mere	N1710	M2PEG	1731.35	1731.52	0.17	0.91	0.15	3.18	1.51	0.63	0.06	0.19	2.39	0.15							0.67	36.82	349.71		0
LES011	LES011M0	Mere	N1711	M2PEG	1731.52	1731.73	0.21	0.91	0.19	3.27	1.05	0.57	0.04	0.21	1.87	0.19							0.86	35.59	385.30		0
LES011	LES011M0	Mere	N1713	FWPX	1731.73	1731.92	0.19	0.91	0.17	3.35	3.83	2.38	0.19	0.55	6.95	0.17	3.29	2.87	1.53	0.14	0.38	4.92	1.03	119.68	504.98		0
LES011	LES011M0	Mere	N1714	FWPX	1731.92	1732.13	0.21	0.91	0.19	3.29	1.01	0.74	0.06	0.15	1.96	0.19											
LES011	LES011M0	Mere	N1715	FWPX	1732.13	1732.35	0.22	0.91	0.20	3.25	0.20	0.15	0.01	0.05	0.41	0.20											
LES011	LES011M0	Mere	N1717	FWPX	1732.35	1732.55	0.20	0.91	0.18	3.26	1.72	1.14	0.09	0.20	3.15	0.18											
LES011	LES011M0	Mere	N1718	FWPX	1732.55	1732.76	0.21	0.91	0.19	3.25	0.16	0.08	0.01	0.02	0.27	0.19											
LES011	LES011M0	Mere	N1719	FWPX	1732.76	1733.76	1.00	0.91	0.91	3.27	0.02	0.01	0.01	0.01	0.05	0.91											
LES011	LES011M0	Mere	N1720	FWPX	1733.76	1734.78	1.02	0.91	0.92	3.24	0.22	0.07	0.01	0.01	0.31	0.92											
LES011	LES011M0	Mere	N1721	FWPX	1734.78	1735.56	0.78	0.91	0.71	3.24	0.17	0.09	0.01	0.03	0.3	0.71											
LES011	LES011M0	Mere	N1723	FWPX	1735.56	1735.76	0.20	0.91	0.18	2.76	0.02	0.01	0.01	0.01	0.05	0.18											
LES011	LES011M0	Mere	N1724	FWPX	1735.76	1735.96	0.20	0.91	0.18	2.77	0.01	0.01	0.01	0.01	0.04	0.18											
LES011	LES011M3	Mere	N1725	MID1	1729.90	1730.10	0.20	0.91	0.18	2.95	0.02	0.03	0.01	0.01	0.07	0.18											
LES011	LES011M3	Mere	N1726	MID1	1730.10	1730.30	0.20	0.91	0.18	2.89	0.06	0.04	0.01	0.04	0.15	0.18											
LES011	LES011M3	Mere	N1727	HWPX	1730.30	1730.49	0.19	0.91	0.17	3.16	1.13	0.74	0.05	0.18	2.1	0.17											
LES011	LES011M3	Mere	N1728	HWPX	1730.49	1730.68	0.19	0.91	0.17	3.33	3.71	1.24	0.29	0.20	5.44	0.17							0.17	93.68	93.68		
LES011	LES011M3	Mere	N1730	HWPX	1730.68	1730.85	0.17	0.91	0.15	3.35	3.14	2.28	0.22	0.33	5.97	0.15							0.33	91.98	185.66		0
LES011	LES011M3	Mere	N1731	HWPX	1730.85	1731.06	0.21	0.91	0.19	3.40	2.84	1.63	0.13	0.40	5	0.19							0.52	95.16	280.82		0
LES011	LES011M3	Mere	N1732	M2PEG	1731.06	1731.29	0.23	0.91	0.21	3.23	1.09	0.97	0.05	0.20	2.31	0.21							0.73	48.15	328.97		0
LES011	LES011M3	Mere	N1734	M2PEG	1731.29	1731.48	0.19	0.91	0.17	3.27	0.35	0.23	0.02	0.07	0.67	0.17							0.90	11.54	340.51		0
LES011	LES011M3	Mere	N1735	M2PEG	1731.48	1731.66	0.18	0.91	0.16	3.32	3.04	2.30	0.16	0.35	5.85	0.16							1.06	95.43	435.94		0
LES011	LES011M3	Mere	N1737	M2PEG	1731.66	1731.84	0.18	0.91	0.16	3.31	3.98	3.14	0.23	0.45	7.8	0.16	3.31	2.54	1.64	0.15	0.28	4.62	1.22	127.25	563.19		0
LES011	LES011M3	Mere	N1738	FWPX	1731.84	1732.05	0.21	0.91	0.19	3.26	1.07	0.66	0.06	0.11	1.9	0.19											
LES011	LES011M3	Mere	N1739	FWPX	1732.05	1732.25	0.20	0.91	0.18	3.26	0.34	0.28	0.03	0.04	0.69	0.18											
LES011	LES011M3	Mere	N1740	FWPX	1732.25	1732.46	0.21	0.91	0.19	3.29	0.98	0.70	0.10	0.15	1.93	0.19											
LES011	LES011M3	Mere	N1741	FWPX	1732.46	1732.65	0.19	0.91	0.17	3.27	0.64	0.37	0.01	0.09	1.11	0.17											
LES011	LES011M3	Mere	N1743	FWPX	1732.65	1732.84	0.19	0.91	0.17	3.24	0.85	0.50	0.04	0.14	1.53	0.17											
LES011	LES011M3	Mere	N1744	FWPX	1732.84	1733.03	0.19	0.91	0.17	3.25	0.09	0.07	0.01	0.02	0.19	0.17											
LES011	LES011M6	Mere	N1745	MID1	1729.43	1729.62	0.19	0.91	0.17	3.04	0.07	0.32	0.01	0.07	0.47	0.1722											
LES011	LES011M6	Mere	N1746	MID1	1729.62	1729.81	0.19	0.91	0.17	3.09	0.04	0.02	0.01	0.03	0.10	0.1722											
LES011	LES011M6	Mere	N1747	HWPX	1729.81	1730.00	0.19	0.91	0.17	3.17	0.06	0.04	0.01	0.06	0.17	0.1722											
LES011	LES011M6	Mere	N1749	HWPX	1730	1730.17	0.17	0.91	0.15	3.27	0.14	0.06	0.01	0.14	0.35	0.1541											
LES011	LES011M6	Mere	N1750	HWPX	1730.17	1730.34	0.17	0.91	0.15	3.28	0.14	0.07	0.01	0.13	0.35	0.1541											
LES011	LES011M6	Mere	N1751	HWPX	1730.34	1730.54	0.20	0.91	0.18	3.26	1.26	0.50	0.05	0.13	1.94	0.1813											
LES011	LES011M6	Mere	N1752	M1PX	1730.54	1730.73	0.19	0.91	0.17	3.27	4.60	1.69	0.19	0.32	6.80	0.1722							0.17	117.09	117.09		0
LES011	LES011M6	Mere	N1754	M1PX	1730.73	1730.93	0.20	0.91	0.18	3.39	3.86	2.14	0.17	0.52	6.69	0.1813							0.35	121.26	238.36		0
LES011	LES011M6	Mere	N1755	M1PX	1730.93	1731.14	0.21	0.91	0.19	3.38	2.69	1.41	0.12	0.47	4.69	0.1903							0.54	89.26	327.62		0
LES011	LES011M6	Mere	N1756	M2PEG	1731.14	1731.37	0.23	0.91	0.21	3.30	5.01	2.42	0.40	0.34	8.17	0.2085							0.75	170.30	497.93		0
LES011	LES011M6	Mere	N1758	M2PEG	1731.37	1731.60	0.23	0.91	0.21	3.28	3.64	1.81	0.14	0.53	6.12	0.2085							0.96	127.57	625.50		0
LES011	LES011M6	Mere	N1759	FWPX	1731.6	1731.80	0.20	0.91	0.18	3.29	2.96	1.58	0.12	0.22	4.88	0.1813	3.32	3.80	1.85	0.19	0.40	6.25	1.14	88.46	713.95		0
LES011	LES011M6	Mere	N1760	FWPX	1731.8	1732.00	0.20	0.91	0.18	3.25	0.63	0.43	0.03	0.13	1.22	0.1813											
LES011	LES011M6	Mere	N1761	FWPX	1732	1732.23	0.23	0.91	0.21	3.29	0.98	0.44	0.02	0.15	1.59	0.2085											
LES011	LES011M6	Mere	N1762	FWPX	1732.23	1732.43	0.20	0.91	0.18	3.28	0.04	0.03	0.01	0.01	0.09	0.1813											
LES011	LES011M6	Mere	N1763	FWPX	1732.43	1732.63	0.20	0.91	0.18	3.27	0.06	0.06	0.01	0.01	0.14	0.1813											
LES011	LES011M6	Mere	N1765	FWPX	1732.63	1732.85	0.22	0.91	0.20	3.27	0.02	0.02	0.01	0.01	0.06	0.1994											
LES011	LES011M6	Mere	N1766	FWPX	1732.85	1733.05	0.20	0.91	0.18	3.25	0.02	0.02	0.01	0.01	0.06	0.1813											
LES011	LES011U0	UG2	N1266	UG2HZ2	1951.5	1951.72	0.22	0.94	0.21	3.09	1.27	0.66	0.11	0.04	2.08	0.2067											
LES011	LES011U0	UG2	N1268	UG2HZ2	1951.72	1951.94	0.22	0.94	0.21	3.04	0.24	0.07	0.02	0.01	0.34	0.2067											
LES011	LES011U0	UG2	N1269	UG2L	1951.94	1952.14	0.20	0.94	0.19	3.39	1.55	0.85	0.26	0.03	2.69	0.1879							0.19	50.56	50.56		
LES011	LES011U0	UG2	N1270	UG2	1952.14	1952.34	0.20	0.94	0.19	3.94	2.37	0.55	0.42	0.01	3.35	0.1879							0.38	62.96	113.51		
LES011	LES011U0	UG2	N1271	UG2	1952.34	1952.54	0.20	0.94	0.19	4.03	6.20	5.72	0.83	0.17	12.92	0.1879							0.56	242.82	356.33		0
LES011	LES011U0	UG2	N1272	UG2	1952.54	1952.74	0.20	0.94	0.19	4.10	7.05	14.05	1.23	0.68	23.01	0.1879							0.75	432.45	788.78		0
LES011	LES011U0	UG2	N1274	UG2	1952.74	1952.94	0.20	0.94	0.19	4.02	4.81	5.26	0.82	0.24	11.13	0.1879							0.94	209.18	997.95		0
LES011	LES011U0	UG2	N1275	UG2	1952.94	1953.15	0.21	0.94	0.20	3.95	3.54	3.12	0.58	0.14	7.38	0.1973							1.14	145.63	1143.59		0
LES011	LES011U0	UG2	N1277	UG2	1953.15	1953.35	0.20	0.94	0.19	3.87	7.28	8.17	1.12	0.30	16.87	0.1879							1.32	317.05	1460.64		0
LES011	LES011U0	UG2	N1278	UG2	1953.35	1953.59	0.24	0.94	0.23	3.82	5.58	11.30	0.94	0.55	18.37	0.2255							1.55	414.29	1874.93		0
LES011	LES011U0	UG2	N1279	UG2	1953.59	1953.81	0.22	0.94	0.21	3.64	3.78	4.22	0.78	0.19	8.97	0.2067	3.87	4.75	6.10	0.79	0.27	11.90	1.76	185.44	2060.37	8.25	2091.44
LES011	LES011U0	UG2	N1280	FW13	1953.81	1954.07	0.26	0.94	0.24	2.93	0.08	0.18	0.01	0.01	0.28	0.2443											
LES011	LES011U0	UG2	N1282	FW13	1954.07	1954.27	0.20	0.94	0.19	2.95	0.02	0.03	0.01	0.01	0.07	0.1879											
LES011	LES011U4	UG2	N1393	UG2HZ2	1951.45	1951.69	0.24	0.94	0.23	3.05	2.02	1.25	0.17	0.04	3.48	0.2255											
LES011	LES011U4	UG2	N1395	UG2HZ2	1951.69	1951.86	0.17	0.94	0.16	3.02	0.08	0.03	0.01	0.01	0.13	0.1597											
LES011	LES011U4	UG2	N1396	UG2L	1951.86	1952.05	0.19	0.94	0.18	3.27	1.30	0.52	0.20	0.01	2.03	0.1785							0.18	36.24	36.24		
LES011	LES011U4	UG2	N1397	UG2	1952.05	1952.22	0.17	0.94	0.16	3.87	2.09	0.80	0.40	0.02	3.31	0.1597							0.34	52.88	89.12		
LES011	LES011U4	UG2	N1399	UG2	1952.22	1952.41	0.19	0.94	0.18	4.14	3.14	0.19	0.46	0.01	3.80	0.1785							0.52	67.85	156.97		0
LES011	LES011U4	UG2	N1400	UG2	1952.41	1952.61	0.20	0.94	0.19	4.11	5.27	1.09	0.67	0.06	7.09	0.1879							0.70	133.25	290.21		0
LES011	LES011U4	UG2	N1401	UG2	1952.61	1952.81	0.20	0.94	0.19	4.00	8.70	12.45	1.07	0.81	23.03	0.1879							0.89	432.82	723.04		0
LES011	LES011U4	UG2	N1403	UG2	1952.81	1952.99	0.18	0.94	0.17	3.86	5.28	8.42	0.82	0.50	15.02	0.1691							1.06	254.06	977.09		0
LES011	LES011U4	UG2	N1404	UG2	1952.99	1953.22	0.23	0.94	0.22	3.78	5.29	5.13	0.91	0.20	11.53	0.2161							1.28	249.20	1226.29		0
LES011	LES011U4	UG2	N1405	UG2	1953.22	1953.42	0.20	0.94	0.19	3.36	2.44	6.37	0.47	0.34	9.62	0.1879							1.47	180.80	1407.09		0
LES011	LES011U4	UG2	N1406	UG2	1953.42	1953.62	0.20	0.94	0.19	3.68	3.05	6.26	0.53	0.41	10.25	0.1879	3.81	4.22	4.66	0.63	0.27	9.78	1.65	192.64	1599.72	6.90	1617.82
LES011	LES011U4	UG2	N1408	FW13	1953.62	1953.82	0.20	0.94	0.19	2.94	0.22	1.53	0.06	0.06	1.87	0.1879											
LES011	LES011U4	UG2	N1409	FW13	1953.82	1954.03	0.21	0.94	0.20	2.94	0.03	0.07	0.01	0.01	0.12	0.1973											
LES011	LES011U6	UG2	N1410	UG2HZ2	1951.41	1951.58	0.17	0.94	0.16	3.10	0.11	0.13	0.01	0.01	0.26	0.1597											
LES011	LES011U6	UG2	N1412	UG2HZ2	1951.58	1951.78	0.20	0.94	0.19	3.25	0.94	2.06	0.15	0.20	3.35	0.1879											
LES011	LES011U6	UG2	N1414	UG2	1951.78	1951.99	0.21	0.94	0.20	3.83	2.40	0.92	0.43	0.03	3.78	0.1973							0.20	74.59	74.59		0
LES011	LES011U6	UG2	N1415	UG2	1951.99	1952.20	0.21	0.94	0.20	3.98	2.63	0.17	0.37	0.01	3.18	0.1973							0.39	62.75	137.35		0
LES011	LES011U6	UG2	N1417	UG2	1952.2	1952.40	0.20	0.94	0.19	3.94	4.79	3.48	0.82	0.08	9.17	0.1879							0.58	172.34	309.69		0
LES011	LES011U6	UG2	N1418	UG2	1952.4	1952.60	0.20	0.94	0.19	3.94	3.81	3.48	0.75	0.14	8.18	0.1879							0.77	153.73	463.42		0
LES011	LES011U6	UG2	N1419	UG2	1952.6	1952.80	0.20	0.94	0.19	4.01	3.83	2.77	0.65	0.21	7.46	0.1879							0.96	140.20	603.62		0
LES011	LES011U6	UG2	N1420	UG2	1952.8	1953.02	0.22	0.94	0.21	3.95	5.34	5.12	1.19	0.19	11.84	0.2067							1.17	244.77	848.39		0
LES011	LES011U6	UG2	N1422	UG2	1953.02	1953.26	0.24	0.94	0.23	3.64	3.75	7.85	0.48	0.39	12.47	0.2255	3.90	3.80	3.45	0.67	0.15	8.08	1.39	281.23	1129.62	6.27	1123.46
LES011	LES011U6	UG2	N1423	FW13	1953.26	1953.46	0.20	0.94	0.19	2.90	0.17	0.34	0.02	0.02	0.55	0.1879											
LES011	LES011U6	UG2	N1424	FW13	1953.46	1953.67	0.21	0.94	0.20	2.94	0.03	0.03	0.01	0.01	0.08	0.1973											
LES012	LES012M0	Mere	N1056	HW1	1694.12	1694.32	0.20	0.97	0.19	2.96	0.02	0.01	0.01	0.01	0.05	0.19											
LES012	LES012M0	Mere	N1057	HW1	1694.32	1694.52	0.20	0.97	0.19	2.98	0.03	0.02	0.01	0.01	0.07	0.19											
LES012	LES012M0	Mere	N1059	HWPX	1694.52	1694.71	0.19	0.97	0.18	3.11	0.07	0.04	0.01	0.04	0.16	0.18											
LES012	LES012M0	Mere	N1060	HWPX	1694.71	1694.91	0.20	0.97	0.19	3.20	0.10	0.04	0.01	0.10	0.25	0.19											
LES012	LES012M0	Mere	N1061	M1PX	1694.91	1695.24	0.33	0.97	0.32	3.22	0.66	0.38	0.01	0.14	1.19	0.32							0.32	37.93	37.93		0
LES012	LES012M0	Mere	N1064	M1PX	1695.24	1695.43	0.19	0.97	0.18	3.30	5.51	2.49	0.23	0.61	8.84	0.18							0.50	162.24	200.17		0
LES012	LES012M0	Mere	N1065	M1PX	1695.43	1695.63	0.20	0.97	0.19	3.34	9.49	5.43	0.35	1.01	16.28	0.19							0.70	314.51	514.67		0
LES012	LES012M0	Mere	N1067	M2PEG	1695.63	1695.81	0.18	0.97	0.17	3.29	9.91	5.15	0.51	2.57	18.14	0.17							0.87	315.39	830.07		0
LES012	LES012M0	Mere	N1068	FWPX	1695.81	1696.02	0.21	0.97	0.20	3.20	1.80	2.09	0.39	0.46	4.74	0.20	3.26	4.85	2.77	0.26	0.84	8.73	1.07	96.15	926.22	9.84	935.765
LES012	LES012M0	Mere	N1069	FWPX	1696.02	1696.22	0.20	0.97	0.19	3.30	0.16	0.23	0.01	0.04	0.44	0.19											
LES012	LES012M0	Mere	N1070	FWPX	1696.22	1696.42	0.20	0.97	0.19	3.26	0.22	0.27	0.01	0.05	0.55	0.19											
LES012	LES012M0	Mere	N1071	FWPX	1696.42	1696.64	0.22	0.97	0.21	3.17	0.05	0.03	0.01	0.01	0.1	0.21											
LES012	LES012M0	Mere	N1072	FWPX	1696.64	1697.40	0.76	0.97	0.73	3.19	0.07	0.03	0.01	0.01	0.12	0.73											
LES012	LES012M0	Mere	N1074	FWPX	1697.40	1698.42	1.02	0.97	0.99	3.23	0.02	0.01	0.01	0.01	0.05	0.99											
LES012	LES012M0	Mere	N1075	FWPX	1698.42	1699.41	0.99	0.97	0.96	3.24	0.01	0.01	0.01	0.01	0.04	0.96											
LES012	LES012M0	Mere	N1076	FWPX	1699.41	1699.84	0.43	0.97	0.42	3.00	0.04	0.02	0.01	0.01	0.08	0.42											
LES012	LES012M0	Mere	N1077	FW1	1699.84	1700.12	0.28	0.97	0.27	2.75	0.02	0.01	0.01	0.01	0.05	0.27											
LES012	LES012M0	Mere	N1078	FW1	1700.12	1700.30	0.18	0.97	0.17	2.77	0.08	0.02	0.01	0.01	0.12	0.17											

LES012	LES012M5	Mere	N1041	HW1	1694.29	1694.49	0.20	0.97	0.19	3.00	0.02	0.01	0.01	0.02	0.06	0.19											
LES012	LES012M5	Mere	N1042	HW1	1694.49	1694.69	0.20	0.97	0.19	3.03	0.08	0.03	0.01	0.03	0.15	0.19											
LES012	LES012M5	Mere	N1044	HWPX	1694.69	1694.89	0.20	0.97	0.19	3.19	0.10	0.04	0.01	0.09	0.24	0.19											
LES012	LES012M5	Mere	N1045	M1PX	1694.89	1695.05	0.16	0.97	0.15	3.24	0.15	0.06	0.01	0.14	0.36	0.15							0.15	5.56	5.56		0
LES012	LES012M5	Mere	N1048	M1PX	1695.05	1695.24	0.19	0.97	0.18	3.24	0.15	0.10	0.01	0.11	0.37	0.18							0.34	6.79	12.35		0
LES012	LES012M5	Mere	N1049	M1PX	1695.24	1695.44	0.20	0.97	0.19	3.27	3.00	1.27	0.16	0.25	4.68	0.19							0.53	90.41	102.76		0
LES012	LES012M5	Mere	N1050	M1PX	1695.44	1695.67	0.23	0.97	0.22	3.25	3.19	1.88	0.14	0.73	5.94	0.22							0.75	131.96	234.73		0
LES012	LES012M5	Mere	N1052	M2PEG	1695.67	1695.82	0.15	0.97	0.14	3.34	10.7	5.04	0.60	1.51	17.88	0.14							0.90	259.06	493.79		0
LES012	LES012M5	Mere	N1053	FWPX	1695.82	1696.04	0.22	0.97	0.21	3.29	2.59	1.86	0.12	0.33	4.9	0.21	3.27	3.13	1.65	0.16	0.49	5.43	1.11	104.13	597.92	5.69	603.212
LES012	LES012M5	Mere	N1054	FWPX	1696.04	1696.24	0.20	0.97	0.19	3.30	0.14	0.07	0.01	0.09	0.31	0.19											
LES012	LES012M5	Mere	N1055	FWPX	1696.24	1696.46	0.22	0.97	0.21	3.28	0.06	0.04	0.01	0.01	0.12	0.21											
LES012	LES012M6	Mere	N1079	HW1	1694.42	1694.62	0.20	0.97	0.19	3.01	0.04	0.02	0.01	0.03	0.1	0.19											
LES012	LES012M6	Mere	N1080	HW1	1694.62	1694.82	0.20	0.97	0.19	3.03	0.06	0.03	0.01	0.04	0.14	0.19											
LES012	LES012M6	Mere	N1081	HWPX	1694.82	1695.02	0.20	0.97	0.19	3.19	0.10	0.06	0.01	0.10	0.27	0.19											
LES012	LES012M6	Mere	N1083	HWPX	1695.02	1695.20	0.18	0.97	0.17	3.24	0.16	0.07	0.01	0.17	0.41	0.17											
LES012	LES012M6	Mere	N1084	HWPX	1695.20	1695.38	0.18	0.97	0.17	3.24	0.27	0.15	0.02	0.09	0.53	0.17							0.17	9.21	9.21		0
LES012	LES012M6	Mere	N1085	M1PX	1695.38	1695.58	0.20	0.97	0.19	3.32	6.89	4.55	0.37	0.45	12.26	0.19							0.37	236.85	246.06		0
LES012	LES012M6	Mere	N1088	M1PX	1695.58	1695.82	0.24	0.97	0.23	3.33	8.93	6.00	0.35	0.90	16.18	0.23							0.60	375.09	621.15		0
LES012	LES012M6	Mere	N1089	M2PEG	1695.82	1696.02	0.20	0.97	0.19	3.27	7.87	3.48	0.33	0.64	12.32	0.19							0.79	238.00	859.15		0
LES012	LES012M6	Mere	N1090	FWPX	1696.02	1696.22	0.20	0.97	0.19	3.34	5.97	2.87	0.16	0.22	9.22	0.19							0.99	178.12	1037.27		0
LES012	LES012M6	Mere	N1091	FWPX	1696.22	1696.42	0.20	0.97	0.19	3.23	0.58	0.24	0.01	0.04	0.87	0.19	3.29	5.33	3.05	0.22	0.41	9.01	1.18	16.81	1054.08	8.56	1061.45
LES012	LES012U0	UG2	N0642	UG2PX2	1904.08	1904.28	0.20	0.91	0.18	3.22	0.88	0.37	0.07	0.01	1.33	0.18											
LES012	LES012U0	UG2	N0643	UG2PX2	1904.28	1904.47	0.19	0.91	0.17	3.26	1.92	1.18	0.18	0.05	3.33	0.17											
LES012	LES012U0	UG2	N0644	UG2PX2	1904.47	1904.64	0.17	0.91	0.15	3.11	0.14	0.08	0.03	0.02	0.27	0.15											
LES012	LES012U0	UG2	N0645	UG2L	1904.64	1904.84	0.20	0.91	0.18	3.33	1.22	0.91	0.21	0.04	2.38	0.18							0.18	43.14	43.14		
LES012	LES012U0	UG2	N0647	UG2A	1904.84	1905.10	0.26	0.91	0.24	3.90	1.88	0.51	0.39	0.01	2.79	0.24							0.42	65.74	108.88		
LES012	LES012U0	UG2	N0648	UG2A	1905.10	1905.35	0.25	0.91	0.23	3.92	3.21	1.03	0.45	0.02	4.71	0.23							0.64	106.72	215.60		
LES012	LES012U0	UG2	N0651	UG2B	1905.35	1905.55	0.20	0.91	0.18	3.87	1.84	1.61	0.46	0.07	3.98	0.18							0.82	72.14	287.74		
LES012	LES012U0	UG2	N0652	UG2B	1905.55	1905.75	0.20	0.91	0.18	4.13	2.49	1.61	0.57	0.05	4.72	0.18							1.01	85.56	373.30		
LES012	LES012U0	UG2	N0653	UG2B	1905.75	1905.94	0.19	0.91	0.17	4.08	1.93	1.65	0.44	0.07	4.09	0.17							1.18	70.43	443.73		
LES012	LES012U0	UG2	N0654	UG2B	1905.94	1906.15	0.21	0.91	0.19	3.80	2.17	2.23	0.52	0.10	5.02	0.19	3.88	2.16	1.33	0.44	0.05	3.97	1.37	95.54	539.27		
LES012	LES012U0	UG2	N0656	UG2PEG	1906.15	1906.35	0.20	0.91	0.18	3.24	0.48	0.77	0.13	0.04	1.42	0.18							1.55	25.74	565.01		
LES012	LES012U0	UG2	N0657	UG2PEG	1906.35	1906.53	0.18	0.91	0.16	3.39	2.01	2.3	0.51	0.08	4.90	0.16							1.71	79.94	644.95		
LES012	LES012U0	UG2	N0658	UG2PEG	1906.53	1906.76	0.23	0.91	0.21	3.63	4.67	6.6	1	0.30	12.57	0.21							1.92	262.02	906.97		
LES012	LES012U0	UG2	N0659	UG2PEG	1906.76	1906.93	0.17	0.91	0.15	3.48	3.38	2.9	0.94	0.08	7.30	0.15							2.08	112.47	1019.44		
LES012	LES012U0	UG2	N0661	UG2PEG	1906.93	1907.13	0.20	0.91	0.18	3.25	0.21	0.54	0.01	0.03	0.79	0.18											
LES012	LES012U0	UG2	N0662	UG2PEG	1907.13	1907.40	0.27	0.91	0.24	3.22	0.86	1.35	0.29	0.08	2.58	0.24											
LES012	LES012U0	UG2	N0663	UG2PEG	1907.40	1907.61	0.21	0.91	0.19	3.17	0.43	0.61	0.11	0.03	1.18	0.19											
LES012	LES012U0	UG2	N0664	UG2PEG	1907.61	1907.81	0.20	0.91	0.18	3.11	0.4	1.1	0.06	0.05	1.61	0.18											
LES012	LES012U0	UG2	N0665	FW13ANO	1907.81	1908.01	0.20	0.91	0.18	2.83	1.49	6.43	0.02	0.52	8.46	0.18											
LES012	LES012U0	UG2	N0666	FW13ANO	1908.01	1908.22	0.21	0.91	0.19	2.79	0.55	1.1	0.02	0.22	1.89	0.19											
LES012	LES012U6	UG2	N0667	UG2PX2	1904.18	1904.38	0.20	0.91	0.18	3.21	0.88	0.32	0.05	0.01	1.26	0.18											
LES012	LES012U6	UG2	N0668	UG2PX2	1904.38	1904.58	0.20	0.91	0.18	3.25	1.67	1.03	0.17	0.03	2.90	0.18											
LES012	LES012U6	UG2	N0669	UG2PX2	1904.58	1904.78	0.20	0.91	0.18	3.30	0.29	0.12	0.02	0.01	0.44	0.18											
LES012	LES012U6	UG2	N0670	UG2L	1904.78	1904.98	0.20	0.91	0.18	3.44	1.22	0.86	0.19	0.03	2.30	0.18							0.18	41.69	41.69		
LES012	LES012U6	UG2	N0672	UG2	1904.98	1905.19	0.21	0.91	0.19	3.81	1.81	0.53	0.33	0.01	2.68	0.19							0.37	51.01	92.70		
LES012	LES012U6	UG2	N0673	UG2	1905.19	1905.38	0.19	0.91	0.17	3.83	2.36	0.14	0.38	0.01	2.89	0.17							0.54	49.77	142.46		
LES012	LES012U6	UG2	N0674	UG2	1905.38	1905.58	0.20	0.91	0.18	3.84	7.92	4.54	1	0.19	13.65	0.18							0.73	247.42	389.88		
LES012	LES012U6	UG2	N0675	UG2	1905.58	1905.74	0.16	0.91	0.15	3.78	2.68	2.58	0.55	0.11	5.92	0.15							0.87	85.85	475.73		
LES012	LES012U6	UG2	N0677	UG2	1905.74	1905.94	0.20	0.91	0.18	3.83	2.43	1.2	0.5	0.04	4.17	0.18							1.05	75.59	551.32		
LES012	LES012U6	UG2	N0678	UG2	1905.94	1906.12	0.18	0.91	0.16	3.84	1.62	1.74	0.39	0.06	3.81	0.16							1.21	62.15	613.47		
LES012	LES012U6	UG2	N0679	UG2	1906.12	1906.32	0.20	0.91	0.18	3.73	2.43	2.52	0.51	0.11	5.57	0.18	3.77	2.85	1.76	0.48	0.07	5.16	1.40	100.96	714.43		
LES012	LES012U6	UG2	N0682	UG2PEG	1906.32	1906.53	0.21	0.91	0.19	3.23	0.53	0.78	0.16	0.05	1.52	0.19											
LES012	LES012U6	UG2	N0683	UG2PEG	1906.53	1906.70	0.17	0.91	0.15	3.45	3.69	4.17	0.87	0.15	8.88	0.15											
LES012	LES012U6	UG2	N0684	UG2PEG	1906.70	1906.91	0.21	0.91	0.19	3.11	0.46	0.38	0.12	0.03	0.99	0.19											
LES012	LES012U6	UG2	N0685	FW13ANO	1906.91	1907.12	0.21	0.91	0.19	2.81	0.04	0.07	0.01	0.01	0.13	0.19											
LES012	LES012U6	UG2	N0686	FW13ANO	1907.12	1907.36	0.24	0.91	0.22	2.79	0.02	0.02	0.01	0.01	0.06	0.22											
LES012	LES012U7	UG2	N0687	UG2PX2	1904.54	1904.75	0.21	0.91	0.19	3.24	1.14	0.88	0.12	0.04	2.18	0.19											
LES012	LES012U7	UG2	N0688	UG2PX2	1904.75	1904.97	0.22	0.91	0.20	3.25	0.99	0.7	0.1	0.02	1.81	0.20											
LES012	LES012U7	UG2	N0689	UG2L	1904.97	1905.17	0.20	0.91	0.18	3.39	0.94	0.33	0.17	0.01	1.45	0.18							0.18	26.28	26.28		
LES012	LES012U7	UG2	N0691	UG2	1905.17	1905.36	0.19	0.91	0.17	3.82	2.05	0.63	0.38	0.01	3.07	0.17							0.35	52.86	79.15		
LES012	LES012U7	UG2	N0692	UG2	1905.36	1905.58	0.22	0.91	0.20	3.85	2.33	0.15	0.36	0.01	2.85	0.20							0.55	56.83	135.97		
LES012	LES012U7	UG2	N0693	UG2	1905.58	1905.77	0.19	0.91	0.17	3.81	5.63	4.67	0.9	0.22	11.42	0.17							0.73	196.65	332.62		
LES012	LES012U7	UG2	N0696	UG2	1905.77	1905.96	0.19	0.91	0.17	3.81	3.53	2.57	0.64	0.09	6.83	0.17							0.90	117.61	450.24		
LES012	LES012U7	UG2	N0697	UG2	1905.96	1906.15	0.19	0.91	0.17	3.82	2.07	0.95	0.44	0.03	3.49	0.17							1.07	60.10	510.33		
LES012	LES012U7	UG2	N0698	UG2	1906.15	1906.35	0.20	0.91	0.18	3.84	1.52	1.1	0.38	0.04	3.04	0.18							1.25	55.10	565.44		
LES012	LES012U7	UG2	N0699	UG2	1906.35	1906.55	0.20	0.91	0.18	3.77	2.73	3.63	0.53	0.16	7.05	0.18	3.77	2.60	1.74	0.47	0.07	4.88	1.43	127.79	693.23		
LES012	LES012U7	UG2	N0701	UG2PEG	1906.55	1906.75	0.20	0.91	0.18	3.24	0.81	1.1	0.21	0.06	2.18	0.18											
LES012	LES012U7	UG2	N0702	UG2PEG	1906.75	1907.02	0.27	0.91	0.24	3.37	3.06	2.08	0.81	0.06	6.01	0.24											
LES012	LES012U7	UG2	N0703	FW13ANO	1907.02	1907.22	0.20	0.91	0.18	2.81	0.04	0.01	0.01	0.01	0.07	0.18											
LES012	LES012U7	UG2	N0704	FW13ANO	1907.22	1907.42	0.20	0.91	0.18	2.81	0.05	0.02	0.01	0.01	0.09	0.18											
LES013	LES013M0	Mere	N0406	MID1	1509.55	1509.75	0.20	0.91	0.18	2.83	0.01	0.01	0.01	0.01	0.04	0.18											
LES013	LES013M0	Mere	N0407	MID1	1509.75	1509.96	0.21	0.91	0.19	2.88	0.01	0.01	0.01	0.01	0.04	0.19											
LES013	LES013M0	Mere	N0408	HWPX	1509.96	1510.16	0.20	0.91	0.18	2.93	0.01	0.01	0.01	0.01	0.04	0.18											
LES013	LES013M0	Mere	N0410	HWPX	1510.16	1510.36	0.20	0.91	0.18	2.97	0.02	0.01	0.01	0.02	0.06	0.18											
LES013	LES013M0	Mere	N0411	HWPX	1510.36	1510.52	0.16	0.91	0.15	3.02	0.35	0.18	0.01	0.09	0.63	0.15											
LES013	LES013M0	Mere	N0412	HWPX	1510.52	1510.72	0.20	0.91	0.18	3.12	4.93	2.25	0.28	0.43	7.89	0.18							0.18	143.02	143.02		0
LES013	LES013M0	Mere	N0414	HWPX	1510.72	1510.92	0.20	0.91	0.18	3.18	1.58	1.10	0.07	0.23	2.98	0.18							0.36	54.02	197.03		0
LES013	LES013M0	Mere	N0415	M1PX	1510.92	1511.13	0.21	0.91	0.19	3.15	1.31	0.86	0.05	0.21	2.43	0.19							0.55	46.25	243.28		0
LES013	LES013M0	Mere	N0416	M1PX	1511.13	1511.33	0.20	0.91	0.18	3.18	0.36	0.23	0.01	0.07	0.67	0.18							0.73	12.14	255.42		0
LES013	LES013M0	Mere	N0417	M2PEG	1511.33	1511.51	0.18	0.91	0.16	3.19	3.17	1.47	0.16	0.27	5.07	0.16							0.90	82.71	338.13		0
LES013	LES013M0	Mere	N0418	M2PEG	1511.51	1511.69	0.18	0.91	0.16	3.11	2.14	1.55	0.08	0.44	4.21	0.16	3.16	2.22	1.23	0.11	0.27	3.83	1.06	68.68	406.81	3.88	405.6
LES013	LES013M0	Mere	Q3967	FWPX	1511.69	1511.90	0.21	0.91	0.19	2.94	0.42	0.38	0.03	0.07	0.9	0.19											
LES013	LES013M0	Mere	Q3968	FWPX	1511.90	1512.08	0.18	0.91	0.16	2.96	0.04	0.03	0.01	0.02	0.1	0.16											
LES013	LES013M0	Mere	Q3969	FWPX	1512.08	1512.29	0.21	0.91	0.19	3.07	0.01	0.01	0.01	0.01	0.04	0.19											
LES013	LES013M0	Mere	Q3971	FWPX	1512.29	1512.49	0.20	0.91	0.18	3.09	0.01	0.01	0.01	0.01	0.04	0.18											
LES013	LES013M0	Mere	Q3972	FWPX	1512.49	1512.67	0.18	0.91	0.16	3.07	0.01	0.01	0.01	0.01	0.04	0.16											
LES013	LES013M0	Mere	Q3973	FWPX	1512.67	1512.87	0.20	0.91	0.18	3.00	0.01	0.01	0.01	0.01	0.04	0.18											
LES013	LES013M0	Mere	Q3974	FWPX	1512.87	1513.07	0.20	0.91	0.18	3.17	0.05	0.01	0.01	0.01	0.08	0.18											
LES013	LES013M0	Mere	Q3975	FWPX	1513.07	1513.27	0.20	0.91	0.18	3.21	0.01	0.01	0.01	0.02	0.05	0.18											
LES013	LES013M0	Mere	Q3976	FWPX	1513.27	1513.48	0.21	0.91	0.19	3.22	0.01	0.01	0.01	0.01	0.04	0.19											
LES013	LES013M0	Mere	N0422	FWPX	1513.48	1513.67	0.19	0.91	0.17	3.18	0.01	0.02	0.01	0.02	0.06	0.17											
LES013	LES013M0	Mere	N0423	FWPX	1513.67	1513.88	0.21	0.91	0.19	3.20	0.65	0.44	0.03	0.08	1.2	0.19											
LES013	LES013M0	Mere	N0425	FWPX	1513.88	1514.20	0.32	0.91	0.29	3.18	0.05	0.05	0.01	0.02	0.13	0.29											
LES013	LES013M0	Mere	N0426	FWPX	1514.20	1514.40	0.20	0.91	0.18	3.17	0.76	0.60	0.03	0.20	1.59	0.18											
LES013	LES013M0	Mere	N0427	FWPX	1514.40	1514.60	0.20	0.91	0.18	3.14	0.06	0.05	0.01	0.01	0.13	0.18											
LES013	LES013M0	Mere	N0428	FWPX	1514.60	1514.80	0.20	0.91	0.18	3.09	0.01	0.01	0.01	0.01	0.04	0.18											
LES013	LES013M0	Mere	N0430	FWPX	1514.80	1515.40	0.60	0.91	0.54	3.16	0.01	0.01	0.01	0.01	0.04	0.54											
LES013	LES013M0	Mere	N0431	FWPX	1515.40	1515.80	0.40	0.91	0.36	2.95	0.01	0.10	0.01	0.01	0.13	0.36											
LES013	LES013M0	Mere	N0432	FWPX	1515.80	1516.80	1.00	0.91	0.91	3.01	0.01	0.01	0.01	0.01	0.04	0.91											
LES013	LES013M0	Mere	N0433	FWPX	1516.80	1517.88	1.08	0.91	0.98	3.10	0.01	0.01	0.01	0.01	0.04	0.98											
LES013	LES013M0	Mere	N0435	FWPX	1517.88	1518.90	1.02	0.91	0.92	3.17	0.01	0.01	0.01	0.01	0.04	0.92											
LES013	LES013M0	Mere	N0436	FWPX	1518.90	1519.89	0.99	0.91	0.90	3.22	0.01	0.01	0.01	0.01	0.04	0.90											
LES013	LES013M0	Mere	N0437	FW1	1519.89	1520.40	0.51	0.91	0.46	3.00	0.01	0.01	0.01	0.01	0.04	0.46											
LES013	LES013M0	Mere	N0438	FW1	1520.40	1520.89	0.49	0.91	0.44	3.03	0.01	0.01	0.01	0.01	0.04	0.44											

LES013	LES013M1	Mere	N0439	MID1	1510.04	1510.33	0.29	0.91	0.26	2.94	**0.01**	**0.01**	**0.01**	**0.02**	0.05	0.26											
LES013	LES013M1	Mere	N0440	HWPX	1510.33	1510.55	0.22	0.91	0.20	3.14	0.05	0.02	0.01	0.05	0.13	0.20											
LES013	LES013M1	Mere	N0441	HWPX	1510.55	1510.75	0.20	0.91	0.18	3.15	0.69	0.59	0.02	0.15	1.45	0.18											
LES013	LES013M1	Mere	N0442	M2PEG	1510.75	1510.95	0.20	0.91	0.18	3.17	3.05	1.69	0.14	0.50	5.38	0.18							0.18	97.52	97.52		0
LES013	LES013M1	Mere	N0444	M2PEG	1510.95	1511.15	0.20	0.91	0.18	3.17	1.35	0.90	0.07	0.40	2.72	0.18							0.36	49.30	146.82		0
LES013	LES013M1	Mere	N0445	M2PEG	1511.15	1511.46	0.31	0.91	0.28	3.16	1.47	0.96	0.07	0.24	2.74	0.28							0.64	76.98	223.80		0
LES013	LES013M1	Mere	N0447	FWPX	1511.46	1511.66	0.20	0.91	0.18	3.14	1.29	0.70	0.06	0.11	2.16	0.18							0.82	39.15	262.96		0
LES013	LES013M1	Mere	N0448	FWPX	1511.66	1511.86	0.20	0.91	0.18	3.13	0.90	0.68	0.03	0.17	1.78	0.18							1.01	32.26	295.22		0
LES013	LES013M1	Mere	N0450	FWPX	1511.86	1512.10	0.24	0.91	0.22	3.03	1.82	1.50	0.08	0.21	3.61	0.22	3.13	1.64	1.07	0.07	0.27	3.05	1.22	78.52	373.74	3.07	373.682
LES013	LES013M1	Mere	N0451	FWPX	1512.10	1512.44	0.34	0.91	0.31	3.02	0.04	0.06	0.01	0.02	0.13	0.31											
LES013	LES013M1U0	UG2	N0337	UG2PX2	1675.60	1675.80	0.20	0.87	0.17	3.23	0.92	0.41	0.05	0.01	1.39	0.17											
LES013	LES013M1U0	UG2	N0338	UG2PX2	1675.80	1676.01	0.21	0.87	0.18	3.26	2.19	1.20	0.19	0.03	3.61	0.18											
LES013	LES013M1U0	UG2	N0339	UG2L	1676.01	1676.32	0.31	0.87	0.27	3.54	1.45	0.51	0.24	0.01	2.21	0.27											
LES013	LES013M1U0	UG2	N0341	UG2PX1	1676.32	1676.54	0.22	0.87	0.19	3.26	0.22	0.04	0.04	0.01	0.31	0.19											
LES013	LES013M1U0	UG2	N0342	UG2PX1	1676.54	1676.74	0.20	0.87	0.17	3.32	**0.30**	**0.05**	**0.04**	**0.01**	0.40	0.17											
LES013	LES013M1U0	UG2	N0343	UG2A	1676.74	1676.94	0.20	0.87	0.17	3.77	2.00	0.16	0.28	0.01	2.45	0.17							0.17				
LES013	LES013M1U0	UG2	N0344	UG2A	1676.94	1677.11	0.17	0.87	0.15	3.83	**3.25**	**0.43**	**0.40**	**0.01**	4.09	0.15							0.32				
LES013	LES013M1U0	UG2	N0346	UG2MPX	1677.11	1677.61	0.50	0.87	0.43	3.22	0.03	0.02	0.01	0.01	0.07	0.43							0.75				
LES013	LES013M1U0	UG2	N0347	UG2MPX	1677.61	1678.06	0.45	0.87	0.39	3.21	0.01	0.01	0.01	0.01	0.04	0.39							1.14				
LES013	LES013M1U0	UG2	N0348	UG2MPX	1678.06	1678.54	0.48	0.87	0.42	3.19	0.03	0.02	0.01	0.01	0.07	0.42							1.56				
LES013	LES013M1U0	UG2	N0349	UG2MPX	1678.54	1679.04	0.50	0.87	0.43	3.20	0.01	0.01	0.01	0.01	0.04	0.43							1.99				
LES013	LES013M1U0	UG2	N0351	UG2B	1679.04	1679.24	0.20	0.87	0.17	3.90	3.64	3.82	0.59	0.20	8.25	0.17							2.17	142.89	142.89		0
LES013	LES013M1U0	UG2	N0352	UG2B	1679.24	1679.45	0.21	0.87	0.18	4.01	2.81	2.06	0.52	0.07	5.46	0.18							2.35	99.30	242.19		0
LES013	LES013M1U0	UG2	N0353	UG2B	1679.45	1679.66	0.21	0.87	0.18	3.98	2.10	2.34	0.41	0.09	4.94	0.18							2.53	89.84	332.03		0
LES013	LES013M1U0	UG2	N0354	UG2B	1679.66	1679.86	0.20	0.87	0.17	3.78	6.76	8.30	0.85	0.34	16.25	0.17	3.50	1.46	1.24	0.22	0.06	2.99	2.70	281.46	613.49		0
LES013	LES013M1U0	UG2	N0356	UG2PEG	1679.86	1680.06	0.20	0.87	0.17	3.23	0.19	0.40	0.04	0.01	0.64	0.17											
LES013	LES013M1U0	UG2	N0357	UG2PEG	1680.06	1680.26	0.20	0.87	0.17	3.21	0.07	0.06	0.01	0.01	0.15	0.17											
LES013	LES013M1U0	UG2	N0358	UG2PEG	1680.26	1680.48	0.22	0.87	0.19	3.10	0.06	0.03	0.01	0.02	0.12	0.19											
LES013	LES013M1U0	UG2	N0359	UG2PEG	1680.48	1680.68	0.20	0.87	0.17	3.03	0.50	0.19	0.05	0.03	0.77	0.17											
LES013	LES013M1U0	UG2	N0360	FW13ANO	1680.68	1680.88	0.20	0.87	0.17	2.80	0.23	0.05	0.01	0.01	0.3	0.17											
LES013	LES013M1U0	UG2	N0361	FW13ANO	1680.88	1681.09	0.21	0.87	0.18	2.78	0.02	0.01	0.01	0.01	0.05	0.18											
LES013	LES013M1U4	UG2	N0362	UG2PX2	1676.29	1676.49	0.20	0.87	0.17	3.21	0.13	0.07	0.01	0.01	0.22	0.17											
LES013	LES013M1U4	UG2	N0363	UG2L	1676.49	1676.75	0.26	0.87	0.23	3.54	1.46	0.61	0.22	0.01	2.3	0.23							0.23	51.79	51.79		
LES013	LES013M1U4	UG2	N0365	UG2PX1	1676.75	1677.00	0.25	0.87	0.22	3.22	0.20	0.07	0.02	0.01	0.3	0.22							0.44	6.50	58.28		
LES013	LES013M1U4	UG2	N0366	UG2A	1677.00	1677.33	0.33	0.87	0.29	3.74	**2.93**	**0.31**	**0.38**	**0.01**	3.63	0.29							0.73	103.74	162.02		
LES013	LES013M1U4	UG2	N0367	UG2MPX	1677.33	1677.82	0.49	0.87	0.42	3.20	0.03	0.01	0.01	0.01	0.06	0.42							1.15	2.55	164.57		
LES013	LES013M1U4	UG2	N0368	UG2MPX	1677.82	1678.33	0.51	0.87	0.44	3.20	**0.01**	**0.01**	**0.01**	**0.01**	0.04	0.44							1.59	1.77	166.34		
LES013	LES013M1U4	UG2	N0369	UG2MPX	1678.33	1678.83	0.50	0.87	0.43	3.21	0.03	0.01	0.01	0.01	0.06	0.43							2.03	2.60	168.94		
LES013	LES013M1U4	UG2	N0370	UG2MPX	1678.83	1679.16	0.33	0.87	0.29	3.22	0.01	0.01	0.01	0.01	0.04	0.29							2.31	1.14	170.08		
LES013	LES013M1U4	UG2	N0371	UG2MPX	1679.16	1679.47	0.31	0.87	0.27	3.21	0.17	0.19	0.01	0.01	0.38	0.27							2.58	10.20	180.28		
LES013	LES013M1U4	UG2	N0372	UG2B	1679.47	1679.68	0.21	0.87	0.18	3.74	4.67	5.06	0.70	0.22	10.65	0.18							2.76	193.69	373.97		0
LES013	LES013M1U4	UG2	N0373	UG2B	1679.68	1679.89	0.21	0.87	0.18	3.85	2.44	1.84	0.41	0.07	4.76	0.18							2.94	86.57	460.53		0
LES013	LES013M1U4	UG2	N0374	UG2B	1679.89	1680.08	0.19	0.87	0.16	3.95	2.16	2.06	0.41	0.05	4.68	0.16							3.11	77.01	537.54		0
LES013	LES013M1U4	UG2	N0375	UG2B	1680.08	1680.28	0.20	0.87	0.17	3.78	7.10	5.37	1.06	0.20	13.73	0.17	3.43	1.40	0.95	0.21	0.04	2.60	3.28	237.81	775.35		0
LES013	LES013M1U4	UG2	N0377	UG2PEG	1680.28	1680.48	0.20	0.87	0.17	3.21	0.06	0.12	0.01	0.01	0.2	0.17											
LES013	LES013M1U4	UG2	N0378	UG2PEG	1680.48	1680.66	0.18	0.87	0.16	3.16	0.20	0.06	0.03	0.01	0.3	0.16											
LES013	LES013M1U4	UG2	N0379	UG2PEG	1680.66	1680.86	0.20	0.87	0.17	3.02	0.23	0.08	0.04	0.01	0.36	0.17											
LES013	LES013M1U4	UG2	N0381	FW13ANO	1680.86	1681.07	0.21	0.87	0.18	2.78	0.02	0.01	0.01	0.01	0.05	0.18											
LES013	LES013M1U4	UG2	N0382	FW13ANO	1681.07	1681.27	0.20	0.87	0.17	2.79	0.03	0.01	0.01	0.01	0.06	0.17											
LES013	LES013M1U5	UG2	N0383	UG2PX2	1676.37	1676.57	0.20	0.87	0.17	3.13	0.07	0.03	0.01	0.01	0.12	0.17											
LES013	LES013M1U5	UG2	N0384	UG2L	1676.57	1676.74	0.17	0.87	0.15	3.36	0.80	0.26	0.15	0.01	1.22	0.15											
LES013	LES013M1U5	UG2	N0386	UG2PX1	1676.74	1676.92	0.18	0.87	0.16	3.21	0.14	0.02	0.01	0.01	0.18	0.16											
LES013	LES013M1U5	UG2	N0387	UG2PX1	1676.92	1677.12	0.20	0.87	0.17	3.24	0.23	0.08	0.04	0.01	0.36	0.17											
LES013	LES013M1U5	UG2	N0388	UG2A	1677.12	1677.34	0.22	0.87	0.19	3.73	1.76	0.19	0.24	0.01	2.2	0.19							0.19	41.92	41.92		
LES013	LES013M1U5	UG2	N0389	UG2A	1677.34	1677.56	0.22	0.87	0.19	3.86	3.66	0.32	0.47	0.01	4.46	0.19							0.38	84.97	126.89		
LES013	LES013M1U5	UG2	N0391	UG2MPX	1677.56	1678.06	0.50	0.87	0.43	3.24	0.03	0.01	0.01	0.01	0.06	0.43							0.81	2.60	129.49		
LES013	LES013M1U5	UG2	N0392	UG2MPX	1678.06	1678.54	0.48	0.87	0.42	3.25	0.02	0.01	0.01	0.01	0.05	0.42							1.23	2.08	131.57		
LES013	LES013M1U5	UG2	N0393	UG2MPX	1678.54	1679.03	0.49	0.87	0.42	3.23	0.03	0.01	0.01	0.01	0.06	0.42							1.65	2.55	134.11		
LES013	LES013M1U5	UG2	N0394	UG2MPX	1679.03	1679.53	0.50	0.87	0.43	3.22	0.03	0.04	0.01	0.01	0.09	0.43							2.09	3.90	138.01		
LES013	LES013M1U5	UG2	N0395	UG2B	1679.53	1679.73	0.20	0.87	0.17	3.80	2.92	3.27	0.49	0.21	6.89	0.17							2.26	119.34	257.35		0
LES013	LES013M1U5	UG2	N0396	UG2B	1679.73	1679.93	0.20	0.87	0.17	3.90	2.44	1.05	0.45	0.02	3.96	0.17							2.43	68.59	325.94		0
LES013	LES013M1U5	UG2	N0398	UG2B	1679.93	1680.11	0.18	0.87	0.16	3.97	**1.86**	**2.29**	**0.37**	**0.08**	4.6	0.16							2.59	71.71	397.64		0
LES013	LES013M1U5	UG2	N0399	UG2B	1680.11	1680.31	0.20	0.87	0.17	4.00	3.63	5.06	0.57	0.25	9.51	0.17							2.76	164.72	562.36		0
LES013	LES013M1U5	UG2	N0400	UG2B	1680.31	1680.50	0.19	0.87	0.16	3.91	10.9	11.4	1.45	0.27	24.01	0.16	3.53	1.79	1.52	0.27	0.06	3.64	2.93	395.07	957.43		0
LES013							0.20	0.87	0.17	3.22	0.08	0.12	0.01	0.01	0.22	0.17											
LES013	LES013M1U5	UG2	N0403	UG2PEG	1680.70	1681.00	0.30	0.87	0.26	3.18	0.07	0.09	0.01	0.01	0.18	0.26											
LES013	LES013M1U5	UG2	N0404	FW13ANO	1681.00	1681.20	0.20	0.87	0.17	2.86	1.88	0.78	0.15	0.03	2.84	0.17											
LES013	LES013M1U5	UG2	N0405	FW13ANO	1681.20	1681.40	0.20	0.87	0.17	2.79	0.40	0.07	0.05	0.01	0.53	0.17											
LES013	LES013M4	Mere	N0452	MID1	1511.12	1511.32	0.20	0.91	0.18	2.95	0.01	0.01	0.01	0.02	0.05	0.18											
LES013	LES013M4	Mere	N0453	MID1	1511.32	1511.52	0.20	0.91	0.18	2.97	0.02	0.01	0.01	0.03	0.07	0.18											
LES013	LES013M4	Mere	N0454	HWPX	1511.52	1511.72	0.20	0.91	0.18	3.14	0.02	0.01	0.01	0.03	0.07	0.18											
LES013	LES013M4	Mere	N0456	HWPX	1511.72	1511.90	0.18	0.91	0.16	3.17	0.11	0.14	0.01	0.08	0.34	0.16											
LES013	LES013M4	Mere	N0457	HWPX	1511.90	1512.20	0.30	0.91	0.27	3.26	**6.36**	**2.46**	**0.29**	**0.60**	9.71	0.27							0.27	264.01	264.01		0
LES013	LES013M4	Mere	N0458	HWPX	1512.20	1512.40	0.20	0.91	0.18	3.07	1.68	1.51	0.08	0.20	3.47	0.18							0.45	62.90	326.91		0
LES013	LES013M4	Mere	N0460	HWPX	1512.40	1512.60	0.20	0.91	0.18	3.21	1.57	1.38	0.07	0.49	3.51	0.18							0.63	63.62	390.53		0
LES013	LES013M4	Mere	N0461	M2PEG	1512.60	1512.80	0.20	0.91	0.18	3.06	0.61	0.44	0.03	0.22	1.3	0.18							0.82	23.56	414.09		0
LES013	LES013M4	Mere	N0462	M2PEG	1512.80	1513.00	0.20	0.91	0.18	3.11	1.27	0.85	0.04	0.25	2.41	0.18							1.00	43.68	457.78		0
LES013	LES013M4	Mere	N0463	M2PEG	1513.00	1513.18	0.18	0.91	0.16	3.14	3.81	3.09	0.16	0.46	7.52	0.16							1.16	122.68	580.45		0
LES013	LES013M4	Mere	N0464	M2PEG	1513.18	1513.41	0.23	0.91	0.21	3.16	2.67	1.99	0.12	0.62	5.4	0.21							1.37	112.56	693.02		0
LES013	LES013M4	Mere	N0466	M2PEG	1513.41	1513.63	0.22	0.91	0.20	3.19	1.83	1.46	0.08	0.40	3.77	0.20							1.57	75.17	768.19		0
LES013	LES013M4	Mere	N0467	M2PEG	1513.63	1513.84	0.21	0.91	0.19	3.22	4.33	3.43	0.19	0.75	8.7	0.19	3.17	2.89	1.88	0.13	0.46	5.36	1.76	165.58	933.77	5.09	894.552
LES013	LES013M4	Mere	N0469	FWPX	1513.84	1514.04	0.20	0.91	0.18	3.13	0.78	0.67	0.04	0.16	1.65	0.18											
LES013	LES013M4	Mere	N0470	FWPX	1514.04	1514.24	0.20	0.91	0.18	3.19	3.58	2.99	0.13	0.97	7.67	0.18											
LES013	LES013M4	Mere	N0471	FWPX	1514.24	1514.44	0.20	0.91	0.18	3.13	0.98	0.71	0.04	0.16	1.89	0.18											
LES013	LES013M4	Mere	N0472	FWPX	1514.44	1514.66	0.22	0.91	0.20	2.99	0.03	0.01	0.01	0.01	0.06	0.20											
LES013	LES013U0	UG2	N0856	UG2PX1	1684.61	1684.81	0.20	0.87	0.17	3.14	0.64	0.4	0.04	0.01	1.09	0.17											
LES013	LES013U0	UG2	N0857	UG2PX1	1684.81	1685.02	0.21	0.87	0.18	3.17	0.21	0.06	0.02	0.01	0.30	0.18											
LES013	LES013U0	UG2	N0858	UG2	1685.02	1685.24	0.22	0.87	0.19	3.52	2.72	2.69	0.51	0.11	6.03	0.19											
LES013	LES013U0	UG2	N0860	UG2PEG	1685.24	1685.48	0.24	0.87	0.21	3.16	0.71	1.32	0.13	0.04	2.20	0.21											
LES013	LES013U0	UG2	N0862	UG2PEG	1685.48	1685.72	0.24	0.87	0.21	3.02	0.08	0.12	0.01	0.03	0.24	0.21											
LES013	LES013U0	UG2	N0863	FW13	1685.72	1685.92	0.20	0.87	0.17	2.79	0.02	0.03	0.01	0.01	0.07	0.17											
LES013	LES013U0	UG2	N0864	FW13	1685.92	1686.12	0.20	0.87	0.17	2.81	0.02	0.01	0.01	0.01	0.05	0.17											
LES014	LES014M0	Mere	N0705	MID1	1300.00	1300.50	0.50	0.87	0.43	2.89	0.02	0.01	0.01	0.01	0.05	0.43											
LES014	LES014M0	Mere	N0706	MID1	1300.50	1300.70	0.20	0.87	0.17	2.91	0.01	0.01	0.01	0.01	0.04	0.17											
LES014	LES014M0	Mere	N0707	HWPX	1300.70	1300.90	0.20	0.87	0.17	3.15	0.09	0.03	0.01	0.07	0.21	0.17											
LES014	LES014M0	Mere	N0708	HWPX	1300.90	1301.16	0.26	0.87	0.23	3.24	0.07	0.04	0.01	0.08	0.20	0.23											
LES014	LES014M0	Mere	N0710	HWPX	1301.16	1301.37	0.21	0.87	0.18	3.22	0.11	0.04	0.01	0.09	0.25	0.18											
LES014	LES014M0	Mere	N0711	HWPX	1301.37	1301.62	0.25	0.87	0.22	3.23	0.14	0.05	0.01	0.13	0.33	0.22											
LES014	LES014M0	Mere	N0712	HWPX	1301.62	1301.80	0.18	0.87	0.16	3.23	0.31	0.17	0.02	0.09	0.59	0.16							0.16	9.21	9.21		0
LES014	LES014M0	Mere	N0713	M1PX	1301.80	1302.00	0.20	0.87	0.17	3.32	4.88	3.04	0.25	0.42	8.58	0.17							0.33	148.60	157.81		0
LES014	LES014M0	Mere	N0714	M2PEG	1302.00	1302.29	0.29	0.87	0.25	3.23	7.26	4.74	0.67	0.49	13.16	0.25							0.58	330.44	488.25		0
LES014	LES014M0	Mere	N0716	FWPX	1302.29	1302.48	0.19	0.87	0.16	3.20	2.25	1.70	0.21	0.17	4.34	0.16							0.74	71.33	559.59		0
LES014	LES014M0	Mere	N0717	FWPX	1302.48	1302.69	0.21	0.87	0.18	3.19	0.89	0.62	0.11	0.06	1.68	0.18							0.93	30.62	590.21		0
LES014	LES014M0	Mere	N0718	FWPX	1302.69	1302.89	0.20	0.87	0.17	3.25	0.14	0.10	0.01	0.03	0.28	0.17	3.24	2.99	1.96	0.25	0.23	5.43	1.10	4.77	594.98	4.77	596.955
LES014	LES014M0	Mere	N0719	FWPX	1302.89	1303.10	0.21	0.87	0.18	3.18	0.31	0.20	0.01	0.08	0.60	0.18											
LES014	LES014M0	Mere	N0720	FWPX	1303.10	1303.30	0.20	0.87	0.17	3.20	0.02	0.01	0.01	0.01	0.05	0.17											
LES014	LES014M0	Mere	N0721	FWPX	1303.30	1303.50	0.20	0.87	0.17	3.21	0.01	0.01	0.01	0.01	0.04	0.17											
LES014	LES014M0	Mere	N0722	FWPX	1303.50	1304.48	0.98	0.87	0.85	3.21	0.01	0.01	0.01	0.01	0.04	0.85											
LES014	LES014M0	Mere	N0724	FWPX	1304.48	1305.47	0.99	0.87	0.86	3.23	0.05	0.01	0.01	0.01	0.08	0.86											
LES014	LES014M0	Mere	N0725	FWPX	1305.47	1306.48	1.01	0.87	0.87	3.21	0.02	0.01	0.01	0.01	0.05	0.87											
LES014	LES014M0	Mere	N0726	FWPX	1306.48	1307.47	0.99	0.87	0.86	3.21	0.02	0.01	0.01	0.01	0.05	0.86											
LES014	LES014M0	Mere	N0727	FWPX	1307.47	1308.45	0.98	0.87	0.85	3.20	0.02	0.01	0.01	0.01	0.05	0.85											
LES014	LES014M0	Mere	N0728	FWPX	1308.45	1309.46	1.01	0.87	0.87	3.21	0.01	0.01	0.01	0.01	0.04	0.87											
LES014	LES014M0	Mere	N0730	FWPX	1309.46	1310.31	0.85	0.87	0.74	3.22	0.02	0.01	0.01	0.01	0.05	0.74											
LES014	LES014M0	Mere	N0731	FW1	1310.31	1310.50	0.19	0.87	0.16	2.76	0.02	0.01	0.01	0.01	0.05	0.16											
LES014	LES014M0	Mere	N0732	FW1	1310.50	1310.70	0.20	0.87	0.17	2.77	0.02	0.01	0.01	0.01	0.05	0.17											

LES014	LES014M5	Mere	N0813	MID3	1293.41	1294.41	1.00	0.87	0.87	2.78	0.01	0.01	0.01	0.01	0.04	0.87											
LES014	LES014M5	Mere	N0814	MID3	1294.41	1295.39	0.98	0.87	0.85	2.77	0.02	0.01	0.01	0.01	0.05	0.85											
LES014	LES014M5	Mere	N0815	MID3	1295.39	1296.39	1.00	0.87	0.87	2.79	0.01	0.01	0.01	0.01	0.04	0.87											
LES014	LES014M5	Mere	N0817	MID3	1296.39	1297.40	1.01	0.87	0.87	2.78	0.03	0.01	0.01	0.01	0.06	0.87											
LES014	LES014M5	Mere	N0818	MID2	1297.40	1298.39	0.99	0.87	0.86	2.80	0.02	0.01	0.01	0.01	0.05	0.86											
LES014	LES014M5	Mere	N0819	MID2	1298.39	1299.38	0.99	0.87	0.86	2.82	0.02	0.01	0.01	0.01	0.05	0.86											
LES014	LES014M5	Mere	N0820	MID1	1299.38	1300.40	1.02	0.87	0.88	2.89	0.02	0.01	0.01	0.01	0.05	0.88											
LES014	LES014M5	Mere	N0821	MID1	1300.40	1300.57	0.17	0.87	0.15	2.93	0.01	0.01	0.01	0.01	0.04	0.15											
LES014	LES014M5	Mere	N0822	HWPX	1300.57	1300.74	0.17	0.87	0.15	3.12	0.06	0.02	0.01	0.05	0.14	0.15											
LES014	LES014M5	Mere	N0824	HWPX	1300.74	1300.98	0.24	0.87	0.21	3.18	0.09	0.03	0.01	0.07	0.19	0.21											
LES014	LES014M5	Mere	N0825	HWPX	1300.98	1301.24	0.26	0.87	0.23	3.18	0.09	0.03	0.01	0.07	0.21	0.23											
LES014	LES014M5	Mere	N0826	HWPX	1301.24	1301.48	0.24	0.87	0.21	3.22	0.15	0.07	0.01	0.15	0.38	0.21							0.21	7.91	7.91		0
LES014	LES014M5	Mere	N0827	HWPX	1301.48	1301.68	0.20	0.87	0.17	3.21	0.18	0.13	0.01	0.07	0.40	0.17							0.38	6.88	14.78		0
LES014	LES014M5	Mere	N0828	M1PX	1301.68	1301.90	0.22	0.87	0.19	3.32	5.72	2.44	0.28	0.71	9.16	0.19							0.57	174.48	189.27		0
LES014	LES014M5	Mere	N0830	M2PEG	1301.90	1302.12	0.22	0.87	0.19	3.28	8.97	6.32	0.61	0.91	16.81	0.19							0.76	320.27	509.53		0
LES014	LES014M5	Mere	N0831	FWPX	1302.12	1302.32	0.20	0.87	0.17	3.22	0.04	0.05	0.01	0.02	0.12	0.17							0.94	2.13	511.67		0
LES014	LES014M5	Mere	N0832	FWPX	1302.32	1302.52	0.20	0.87	0.17	3.23	0.07	0.07	0.01	0.02	0.17	0.17	3.25	2.64	1.58	0.16	0.33	4.70	1.11	2.92	514.58	4.51	521.504
LES014	LES014M5	Mere	N0833	FWPX	1302.52	1302.72	0.20	0.87	0.17	3.23	0.03	0.01	0.01	0.01	0.06	0.17											
LES014	LES014M5	Mere	N0834	FWPX	1302.72	1302.91	0.19	0.87	0.16	3.23	0.02	0.02	0.01	0.01	0.05	0.16											
LES014	LES014M5	Mere	N0835	FWPX	1302.91	1303.12	0.21	0.87	0.18	3.22	0.01	0.02	0.01	0.02	0.06	0.18											
LES014	LES014M5	Mere	N0836	FWPX	1303.12	1303.32	0.20	0.87	0.17	3.20	0.02	0.01	0.01	0.01	0.05	0.17											
LES014	LES014M5	Mere	N0837	FWPX	1303.32	1303.51	0.19	0.87	0.16	3.22	0.01	0.01	0.01	0.01	0.04	0.16											
LES014	LES014M5	Mere	N0838	FWPX	1303.51	1303.72	0.21	0.87	0.18	3.21	0.01	0.01	0.01	0.01	0.04	0.18											
LES014	LES014M5	Mere	N0839	FWPX	1303.72	1303.88	0.16	0.87	0.14	3.19	0.01	0.01	0.01	0.01	0.04	0.14											
LES014	LES014M5	Mere	N0840	FWPX	1303.88	1304.11	0.23	0.87	0.20	3.18	0.01	0.01	0.01	0.01	0.04	0.20											
LES014	LES014M5	Mere	N0841	FWPX	1304.11	1304.31	0.20	0.87	0.17	3.18	0.02	0.01	0.01	0.01	0.05	0.17											
LES014	LES014M5	Mere	N0842	FWPX	1304.31	1304.52	0.21	0.87	0.18	3.12	0.01	0.01	0.01	0.01	0.04	0.18											
LES014	LES014M5	Mere	N0844	FWPX	1304.52	1304.71	0.19	0.87	0.16	3.07	0.01	0.01	0.01	0.02	0.05	0.16											
LES014	LES014M5	Mere	N0845	FWPX	1304.71	1305.71	1.00	0.87	0.87	3.14	0.02	0.01	0.01	0.01	0.05	0.87											
LES014	LES014M5	Mere	N0846	FWPX	1305.71	1306.71	1.00	0.87	0.87	3.19	0.01	0.01	0.01	0.01	0.04	0.87											
LES014	LES014M5	Mere	N0847	FWPX	1306.71	1307.72	1.01	0.87	0.87	3.20	0.01	0.01	0.01	0.01	0.04	0.87											
LES014	LES014M5	Mere	N0848	FWPX	1307.72	1308.73	1.01	0.87	0.87	3.23	0.02	0.01	0.01	0.01	0.05	0.87											
LES014	LES014M5	Mere	N0850	FWPX	1308.73	1309.41	0.68	0.87	0.59	3.25	0.01	0.01	0.01	0.01	0.04	0.59											
LES014	LES014M5	Mere	N0851	FWPX	1309.41	1309.91	0.50	0.87	0.43	3.22	0.13	0.05	0.01	0.01	0.20	0.43											
LES014	LES014M5	Mere	N0852	FW1	1309.91	1310.10	0.19	0.87	0.16	2.78	0.02	0.01	0.01	0.01	0.05	0.16											
LES014	LES014M5	Mere	N0853	FW1	1310.10	1310.31	0.21	0.87	0.18	2.77	0.01	0.01	0.01	0.01	0.04	0.18											
LES014	LES014M5	Mere	N0854	FW1	1310.31	1311.10	0.79	0.87	0.68	2.76	0.01	0.01	0.01	0.01	0.04	0.68											
LES014	LES014M6	Mere	N0733	MID1	1300.12	1300.26	0.14	0.87	0.12	2.87	0.02	0.01	0.01	0.02	0.06	0.12											
LES014	LES014M6	Mere	N0734	MID1	1300.26	1300.51	0.25	0.87	0.22	2.93	0.02	0.01	0.01	0.02	0.07	0.22											
LES014	LES014M6	Mere	N0735	HWPX	1300.51	1300.71	0.20	0.87	0.17	3.12	0.07	0.05	0.01	0.09	0.21	0.17											
LES014	LES014M6	Mere	N0736	HWPX	1300.71	1300.96	0.25	0.87	0.22	3.21	0.12	0.05	0.01	0.12	0.30	0.22											
LES014	LES014M6	Mere	N0738	HWPX	1300.96	1301.21	0.25	0.87	0.22	3.24	0.12	0.04	0.01	0.14	0.31	0.22											
LES014	LES014M6	Mere	N0739	HWPX	1301.21	1301.42	0.21	0.87	0.18	3.24	0.14	0.07	0.01	0.16	0.39	0.18							0.18	7.02	7.02		0
LES014	LES014M6	Mere	N0740	HWPX	1301.42	1301.61	0.19	0.87	0.16	3.25	1.17	0.43	0.07	0.15	1.81	0.16							0.35	29.83	36.86		0
LES014	LES014M6	Mere	N0741	M1PX	1301.61	1301.78	0.17	0.87	0.15	3.27	3.83	1.99	0.17	0.60	6.59	0.15							0.49	97.07	133.92		0
LES014	LES014M6	Mere	N0742	M2PEG	1301.78	1301.99	0.21	0.87	0.18	3.18	6.40	2.35	0.51	0.46	9.73	0.18							0.68	176.88	310.81		0
LES014	LES014M6	Mere	N0743	FWPX	1301.99	1302.19	0.20	0.87	0.17	3.28	4.50	3.34	0.18	2.54	10.56	0.17							0.85	182.88	493.69		0
LES014	LES014M6	Mere	N0745	FWPX	1302.19	1302.40	0.21	0.87	0.18	3.25	1.61	1.17	0.05	0.36	3.19	0.18	3.24	2.92	1.55	0.17	0.71	5.35	1.03	58.00	551.69	5.38	551.2
LES014	LES014M6	Mere	N0746	FWPX	1302.40	1302.58	0.18	0.87	0.16	3.23	0.11	0.12	0.01	0.04	0.28	0.16											
LES014	LES014M6	Mere	N0747	FWPX	1302.58	1302.78	0.20	0.87	0.17	3.24	0.04	0.04	0.01	0.03	0.12	0.17											
LES014	LES014M6	Mere	N0748	FWPX	1302.78	1303.06	0.28	0.87	0.24	3.18	0.02	0.03	0.01	0.03	0.09	0.24											
LES014	LES014M6	Mere	N0749	FWPX	1303.06	1303.20	0.14	0.87	0.12	3.22	0.01	0.01	0.01	0.01	0.04	0.12											
LES014	LES014M6	Mere	N0750	FWPX	1303.20	1303.39	0.19	0.87	0.16	3.25	0.03	0.01	0.01	0.01	0.06	0.16											
LES014	LES014M6	Mere	N0751	FWPX	1303.39	1303.56	0.17	0.87	0.15	3.21	0.01	0.01	0.01	0.01	0.04	0.15											
LES014	LES014M6	Mere	N0752	FWPX	1303.56	1303.74	0.18	0.87	0.16	3.19	0.01	0.01	0.01	0.01	0.05	0.16											
LES014	LES014M6	Mere	N0753	FWPX	1303.74	1303.95	0.21	0.87	0.18	3.19	0.01	0.01	0.01	0.01	0.04	0.18											
LES014	LES014M6	Mere	N0755	FWPX	1303.95	1304.16	0.21	0.87	0.18	3.19	0.01	0.01	0.01	0.01	0.04	0.18											
LES014	LES014M6	Mere	N0756	FWPX	1304.16	1304.37	0.21	0.87	0.18	3.15	0.01	0.01	0.01	0.01	0.04	0.18											
LES014	LES014M6	Mere	N0757	FWPX	1304.37	1304.57	0.20	0.87	0.17	3.19	0.01	0.01	0.01	0.01	0.04	0.17											
LES014	LES014M6	Mere	N0758	FWPX	1304.57	1304.76	0.19	0.87	0.16	3.16	1.05	0.40	0.04	0.14	1.62	0.16											
LES014	LES014M6	Mere	N0759	FWPX	1304.76	1304.96	0.20	0.87	0.17	3.18	0.12	0.22	0.01	0.03	0.39	0.17											
LES014	LES014M6	Mere	N0760	FWPX	1304.96	1305.17	0.21	0.87	0.18	3.20	0.08	0.07	0.01	0.01	0.17	0.18											
LES014	LES014M6	Mere	N0761	FWPX	1305.17	1305.37	0.20	0.87	0.17	3.20	0.67	0.59	0.05	0.11	1.41	0.17											
LES014	LES014M6	Mere	N0762	FWPX	1305.37	1305.57	0.20	0.87	0.17	3.18	0.03	0.01	0.01	0.01	0.06	0.17											
LES014	LES014M6	Mere	N0764	FWPX	1305.57	1306.57	1.00	0.87	0.87	3.20	0.01	0.01	0.01	0.01	0.04	0.87											
LES014	LES014M6	Mere	N0765	FWPX	1306.57	1307.57	1.00	0.87	0.87	3.20	0.02	0.01	0.01	0.01	0.05	0.87											
LES014	LES014M6	Mere	N0766	FWPX	1307.57	1308.58	1.01	0.87	0.87	3.22	0.05	0.03	0.01	0.01	0.10	0.87											
LES014	LES014M6	Mere	N0767	FWPX	1308.58	1309.64	1.06	0.87	0.92	3.26	0.01	0.01	0.01	0.01	0.04	0.92											
LES014	LES014M6	Mere	N0768	FWPX	1309.64	1310.18	0.54	0.87	0.47	3.24	0.02	0.06	0.01	0.01	0.09	0.47											
LES014	LES014M6	Mere	N0769	FW1	1310.18	1310.38	0.20	0.87	0.17	2.76	0.01	0.01	0.01	0.01	0.04	0.17											
LES014	LES014M6	Mere	N0770	FW1	1310.38	1310.58	0.20	0.87	0.17	2.76	0.01	0.01	0.01	0.01	0.04	0.17											
LES014	LES014U0	UG2	N0473	UG2HZ2	1552.74	1552.92	0.17	0.91	0.16	3.12	0.12	0.06	0.01	0.01	0.20	0.16											
LES014	LES014U0	UG2	N0474	UG2HZ2	1552.92	1553.13	0.22	0.91	0.19	3.10	0.1	0.05	0.01	0.01	0.17	0.19											
LES014	LES014U0	UG2	N0475	UG2L	1553.13	1553.38	0.25	0.91	0.23	3.53	1.31	0.62	0.23	0.02	2.18	0.23											
LES014	LES014U0	UG2	N0477	UG2PX1	1553.38	1553.58	0.19	0.91	0.18	3.18	0.15	0.03	0.04	0.01	0.23	0.18											
LES014	LES014U0	UG2	N0478	UG2PX1	1553.58	1553.78	0.20	0.91	0.19	3.18	0.12	0.02	0.03	0.01	0.18	0.19											
LES014	LES014U0	UG2	N0479	UG2PX1	1553.78	1553.95	0.17	0.91	0.15	3.24	0.18	0.04	0.04	0.01	0.27	0.15											
LES014	LES014U0	UG2	N0480	UG2PX1	1553.95	1554.23	0.28	0.91	0.25	3.17	0.07	0.02	0.01	0.01	0.11	0.25											
LES014	LES014U0	UG2	N0481	UG2PX1	1554.23	1554.45	0.22	0.91	0.20	3.19	0.08	0.02	0.02	0.01	0.13	0.20											
LES014	LES014U0	UG2	N0482	UG2PX1	1554.45	1554.64	0.19	0.91	0.17	3.24	0.09	0.02	0.02	0.01	0.14	0.17											
LES014	LES014U0	UG2	N0484	UG2A	1554.64	1554.84	0.20	0.91	0.18	3.75	2.03	0.1	0.3	0.01	2.44	0.18							0.18	44.23	44.23		
LES014	LES014U0	UG2	N0485	UG2A	1554.84	1555.05	0.21	0.91	0.19	3.76	3.23	0.15	0.42	0.01	3.81	0.19							0.37	70.79	115.01		
LES014	LES014U0	UG2	N0486	UG2MPX	1555.05	1555.31	0.26	0.91	0.24	3.22	0.11	0.02	0.02	0.01	0.16	0.24							0.61	3.84	118.86		
LES014	LES014U0	UG2	N0487	UG2MPX	1555.31	1555.59	0.28	0.91	0.25	3.21	0.11	0.27	0.02	0.02	0.42	0.25							0.86	10.66	129.52		
LES014	LES014U0	UG2	N0488	UG2MPX	1555.59	1555.88	0.29	0.91	0.26	3.09	0.1	0.12	0.02	0.01	0.25	0.26							1.12	6.57	136.09		
LES014	LES014U0	UG2	N0489	UG2B	1555.88	1556.08	0.20	0.91	0.18	3.76	3.74	4.58	0.75	0.27	9.34	0.18							1.31	169.30	305.38		0
LES014	LES014U0	UG2	N0490	UG2B	1556.08	1556.25	0.16	0.91	0.15	3.96	2.58	1.37	0.52	0.05	4.52	0.15							1.45	67.59	372.98		0
LES014	LES014U0	UG2	N0492	UG2B	1556.25	1556.41	0.17	0.91	0.15	3.95	2.57	1.89	0.52	0.07	5.05	0.15							1.60	75.52	448.50		0
LES014	LES014U0	UG2	N0493	UG2B	1556.41	1556.58	0.17	0.91	0.15	3.97	1.82	1.68	0.48	0.07	4.05	0.15							1.76	62.40	510.89		0
LES014	LES014U0	UG2	N0494	UG2B	1556.58	1556.78	0.20	0.91	0.18	3.76	2.71	3.22	0.55	0.12	6.60	0.18	3.61	1.79	1.27	0.34	0.06	3.46	1.94	119.63	630.53		0
LES014	LES014U0	UG2	N0496	UG2PEG	1556.78	1557.00	0.22	0.91	0.20	3.15	0.31	0.3	0.08	0.02	0.71	0.20											
LES014	LES014U0	UG2	N0497	UG2PEG	1557.00	1557.23	0.23	0.91	0.21	3.07	0.24	0.34	0.01	0.03	0.62	0.21											
LES014	LES014U0	UG2	N0498	UG2PEG	1557.23	1557.47	0.23	0.91	0.21	3.06	0.04	0.02	0.02	0.01	0.09	0.21											
LES014	LES014U0	UG2	N0499	UG2PEG	1557.47	1557.68	0.22	0.91	0.19	3.11	0.19	0.83	0.03	0.01	1.06	0.19											
LES014	LES014U0	UG2	N0500	UG2PEG	1557.68	1557.90	0.22	0.91	0.20	3.09	0.12	0.51	0.04	0.01	0.68	0.20											
LES014	LES014U0	UG2	N0501	UG2PEG	1557.90	1558.11	0.21	0.91	0.19	3.08	0.08	0.37	0.04	0.01	0.50	0.19											
LES014	LES014U0	UG2	N0502	UG2PEG	1558.11	1558.31	0.20	0.91	0.18	3.06	0.02	0.02	0.01	0.01	0.06	0.18											
LES014	LES014U0	UG2	N0503	UG2PEG	1558.31	1558.49	0.18	0.91	0.17	3.16	0.19	0.06	0.05	0.01	0.31	0.17											
LES014	LES014U0	UG2	N0504	FW13	1558.49	1558.69	0.20	0.91	0.18	3.01	0.06	0.16	0.02	0.02	0.26	0.18											
LES014	LES014U0	UG2	N0505	FW13	1558.69	1558.89	0.19	0.91	0.18	2.81	0.54	1.04	0.05	0.15	1.78	0.18											

LES014	LES014U3	UG2	N0506	UG2HZ2	1552.63	1553.17	0.55	0.91	0.49	3.14	0.15	0.07	0.01	0.01	0.24	0.49												
LES014	LES014U3	UG2	N0507	UG2HZ2	1553.17	1553.37	0.20	0.91	0.18	3.06	0.18	0.17	0.02	0.01	0.38	0.18												
LES014	LES014U3	UG2	N0508	UG2L	1553.37	1553.63	0.26	0.91	0.24	3.57	1.43	0.55	0.26	0.02	2.26	0.24												
LES014	LES014U3	UG2	N0510	UG2PX1	1553.63	1553.83	0.20	0.91	0.18	3.22	0.23	0.03	0.05	0.01	0.32	0.18												
LES014	LES014U3	UG2	N0511	UG2PX1	1553.83	1554.02	0.19	0.91	0.17	3.24	0.11	0.03	0.04	0.01	0.19	0.17												
LES014	LES014U3	UG2	N0512	UG2PX1	1554.02	1554.22	0.20	0.91	0.18	3.19	0.09	0.03	0.02	0.01	0.15	0.18												
LES014	LES014U3	UG2	N0513	UG2PX1	1554.22	1554.42	0.20	0.91	0.18	3.24	0.18	0.03	0.04	0.01	0.26	0.18												
LES014	LES014U3	UG2	N0515	UG2PX1	1554.42	1554.62	0.20	0.91	0.18	3.23	0.09	0.02	0.01	0.01	0.13	0.18												
LES014	LES014U3	UG2	N0516	UG2PX1	1554.62	1554.82	0.20	0.91	0.18	3.19	0.1	0.02	0.01	0.01	0.14	0.18												
LES014	LES014U3	UG2	N0517	UG2PX1	1554.82	1555.00	0.18	0.91	0.16	3.15	0.08	0.02	0.01	0.01	0.12	0.16												
LES014	LES014U3	UG2	N0518	UG2A	1555.00	1555.20	0.20	0.91	0.18	3.77	1.92	0.14	0.28	0.01	2.35	0.18							0.18	42.60				
LES014	LES014U3	UG2	N0519	UG2A	1555.20	1555.385	0.18	0.91	0.17	3.84	4.25	1.02	0.57	0.03	5.87	0.17							0.35	98.42				
LES014	LES014U3	UG2	N0521	UG2MPX	1555.39	1555.59	0.20	0.91	0.19	3.23	0.1	0.03	0.01	0.01	0.15	0.19							0.53	2.79				
LES014	LES014U3	UG2	N0522	UG2MPX	1555.59	1555.73	0.14	0.91	0.13	3.20	0.01	0.01	0.01	0.01	0.04	0.13							0.66	0.51				
LES014	LES014U3	UG2	N0523	UG2MPX	1555.73	1556.04	0.31	0.91	0.28	3.20	0.01	0.01	0.01	0.01	0.04	0.28							0.94	1.12				
LES014	LES014U3	UG2	N0524	UG2MPX	1556.04	1556.22	0.18	0.91	0.16	3.20	0.5	0.78	0.1	0.05	1.43	0.16							1.11	23.33				
LES014	LES014U3	UG2	N0525	UG2MPX	1556.22	1556.42	0.20	0.91	0.18	3.10	0.06	0.03	0.01	0.01	0.11	0.18							1.29	1.99				
LES014	LES014U3	UG2	N0526	UG2B	1556.42	1556.61	0.19	0.91	0.17	3.78	3.43	3.69	0.6	0.23	7.95	0.17							1.46	136.90	136.90		0	
LES014	LES014U3	UG2	N0527	UG2B	1556.61	1556.82	0.21	0.91	0.19	4.03	2.61	1.3	0.46	0.05	4.42	0.19							1.65	84.12	221.02		0	
LES014	LES014U3	UG2	N0528	UG2B	1556.82	1557.06	0.24	0.91	0.22	4.07	2.09	1.54	0.42	0.06	4.11	0.22							1.87	89.40	310.42		0	
LES014	LES014U3	UG2	N0529	UG2B	1557.06	1557.26	0.20	0.91	0.18	3.85	4.33	4.91	1.09	0.16	10.49	0.18	3.61	1.85	1.28	0.34	0.06	3.53	2.05	190.14	500.56		0	
LES014	LES014U3	UG2	N0530	UG2PEG	1557.26	1557.45	0.19	0.91	0.17	3.21	1.01	0.96	0.28	0.02	2.27	0.17												
LES014	LES014U3	UG2	N0531	UG2PEG	1557.45	1557.645	0.19	0.91	0.18	3.13	0.19	0.1	0.07	0.01	0.37	0.18												
LES014	LES014U3	UG2	N0532	UG2PEG	1557.65	1557.85	0.20	0.91	0.19	3.05	0.04	0.03	0.02	0.01	0.10	0.19												
LES014	LES014U3	UG2	N0533	UG2PEG	1557.85	1558.05	0.20	0.91	0.18	3.09	0.02	0.02	0.01	0.01	0.06	0.18												
LES014	LES014U3	UG2	N0535	UG2PEG	1558.05	1558.23	0.18	0.91	0.16	3.11	0.01	0.01	0.01	0.01	0.04	0.16												
LES014	LES014U3	UG2	N0536	UG2PEG	1558.23	1558.43	0.20	0.91	0.18	3.15	0.01	0.02	0.01	0.02	0.06	0.18												
LES014	LES014U3	UG2	N0537	UG2PEG	1558.43	1558.62	0.19	0.91	0.17	3.15	0.01	0.01	0.01	0.01	0.04	0.17												
LES014	LES014U3	UG2	N0538	UG2PEG	1558.62	1558.81	0.19	0.91	0.17	3.17	0.02	0.01	0.01	0.01	0.05	0.17												
LES014	LES014U3	UG2	N0539	UG2PEG	1558.81	1559.04	0.23	0.91	0.21	3.12	0.01	0.01	0.01	0.01	0.04	0.21												
LES014	LES014U3	UG2	N0540	UG2PEG	1559.04	1559.23	0.19	0.91	0.17	3.13	0.38	1.29	0.06	0.10	1.83	0.17												
LES014	LES014U3	UG2	N0541	FW13	1559.23	1559.43	0.20	0.91	0.18	2.78	0.08	0.11	0.01	0.01	0.21	0.18												
LES014	LES014U3	UG2	N0542	FW13	1559.43	1559.63	0.20	0.91	0.18	2.77	0.14	0.18	0.02	0.01	0.35	0.18												
LES014	LES014U4	UG2	N0771	FW12	1546.11	1546.34	0.23	0.91	0.21	2.83	0.08	0.06	0.01	0.01	0.16	0.21												
LES014	LES014U4	UG2	N0772	FW12	1546.34	1546.51	0.17	0.91	0.15	2.82	0.08	0.08	0.01	0.01	0.18	0.15												
LES014	LES014U4	UG2	N0773	UG2PX2	1546.51	1546.68	0.17	0.91	0.15	3.00	0.29	0.14	0.03	0.01	0.47	0.15												
LES014	LES014U4	UG2	N0774	UG2PX2	1546.68	1546.88	0.20	0.91	0.18	3.21	0.53	0.19	0.02	0.01	0.75	0.18												
LES014	LES014U4	UG2	N0775	UG2PX2	1546.88	1547.12	0.24	0.91	0.22	3.19	0.64	0.18	0.02	0.01	0.85	0.22												
LES014	LES014U4	UG2	N0776	UG2PX2	1547.12	1547.34	0.22	0.91	0.20	3.22	0.69	0.28	0.03	0.01	1.01	0.20												
LES014	LES014U4	UG2	N0777	UG2PX2	1547.34	1547.52	0.18	0.91	0.16	3.22	0.78	0.25	0.04	0.01	1.08	0.16												
LES014	LES014U4	UG2	N0779	UG2PX2	1547.52	1547.72	0.20	0.91	0.18	3.22	0.74	0.28	0.05	0.01	1.08	0.18												
LES014	LES014U4	UG2	N0780	UG2PX2	1547.72	1547.91	0.19	0.91	0.17	3.27	1.25	0.64	0.10	0.03	2.02	0.17												
LES014	LES014U4	UG2	N0781	UG2HZ2	1547.91	1548.14	0.23	0.91	0.21	3.23	0.13	0.06	0.01	0.01	0.21	0.21												
LES014	LES014U4	UG2	N0782	UG2HZ2	1548.14	1548.31	0.17	0.91	0.15	3.13	0.18	0.06	0.02	0.01	0.27	0.15												
LES014	LES014U4	UG2	N0783	UG2L	1548.31	1548.55	0.24	0.91	0.22	3.57	1.49	0.92	0.26	0.02	2.69	0.22												
LES014	LES014U4	UG2	N0784	UG2PX1	1548.55	1548.74	0.19	0.91	0.17	3.20	0.15	0.03	0.03	0.01	0.22	0.17												
LES014	LES014U4	UG2	N0785	UG2PX1	1548.74	1549.00	0.26	0.91	0.24	3.17	0.11	0.03	0.01	0.01	0.16	0.24												
LES014	LES014U4	UG2	N0786	UG2PX1	1549.00	1549.27	0.27	0.91	0.24	3.20	0.12	0.03	0.02	0.01	0.18	0.24												
LES014	LES014U4	UG2	N0787	UG2PX1	1549.27	1549.46	0.19	0.91	0.17	3.18	0.08	0.01	0.01	0.01	0.11	0.17							0.17	1.89	1.89		0	
LES014	LES014U4	UG2	N0788	UG2A	1549.46	1549.75	0.29	0.91	0.26	3.66	2.38	0.25	0.33	0.01	2.97	0.26							0.44	78.06	79.95		0	
LES014	LES014U4	UG2	N0789	UG2MPX	1549.75	1549.96	0.21	0.91	0.19	3.16	0.15	0.14	0.01	0.01	0.31	0.19							0.63	5.90	85.85		0	
LES014	LES014U4	UG2	N0790	UG2B	1549.96	1550.22	0.26	0.91	0.24	3.57	2.46	2.26	0.45	0.16	5.33	0.24							0.86	125.60	211.45		0	
LES014	LES014U4	UG2	N0792	UG2B	1550.22	1550.44	0.22	0.91	0.20	3.60	2.28	2.12	0.46	0.04	4.90	0.20	3.47	1.67	1.02	0.28	0.05	3.03	1.06	97.70	309.15	2.72	320.849	
LES014	LES014U4	UG2	N0793	UG2PEG	1550.44	1550.65	0.21	0.91	0.19	2.90	0.1	0.12	0.02	0.03	0.27	0.19												
LES014	LES014U4	UG2	N0794	UG2PEG	1550.65	1550.87	0.22	0.91	0.20	2.86	0.03	0.03	0.01	0.01	0.08	0.20												
LES014	LES014U4	UG2	N0795	UG2PEG	1550.87	1551.01	0.14	0.91	0.13	2.96	0.11	0.16	0.01	0.02	0.30	0.13												
LES014	LES014U4	UG2	N0796	UG2PEG	1551.01	1551.23	0.22	0.91	0.20	2.98	0.25	0.38	0.05	0.01	0.69	0.20												
LES014	LES014U4	UG2	N0797	UG2PEG	1551.23	1551.38	0.15	0.91	0.14	2.89	0.21	0.05	0.02	0.01	0.29	0.14												
LES014	LES014U4	UG2	N0798	FW13ANO	1551.38	1551.60	0.22	0.91	0.20	2.88	0.03	0.02	0.01	0.01	0.07	0.20												
LES014	LES014U4	UG2	N0799	UG2FWPX	1551.60	1551.75	0.15	0.91	0.14	2.93	0.08	0.06	0.01	0.01	0.16	0.14												
LES014	LES014U4	UG2	N0800	UG2FWPX	1551.75	1551.95	0.20	0.91	0.18	2.88	0.19	0.35	0.01	0.04	0.59	0.18												
LES014	LES014U4	UG2	N0801	FW13ANO	1551.95	1552.15	0.20	0.91	0.18	2.79	0.2	1.95	0.01	0.07	2.23	0.18												
LES014	LES014U4	UG2	N0803	FW13ANO	1552.15	1552.59	0.44	0.91	0.40	2.76	0.08	0.14	0.01	0.01	0.24	0.40												
LES014	LES014U4	UG2	N0804	UG2FWPX	1552.59	1552.85	0.26	0.91	0.24	2.95	0.23	0.22	0.02	0.01	0.48	0.24												
LES014	LES014U4	UG2	N0805	UG2FWPX	1552.85	1553.07	0.22	0.91	0.20	3.08	0.66	0.29	0.07	0.01	1.03	0.20												
LES014	LES014U4	UG2	N0806	UG2FWPX	1553.07	1553.29	0.22	0.91	0.20	3.16	0.34	0.04	0.05	0.01	0.44	0.20												
LES014	LES014U4	UG2	N0808	CHR	1553.29	1553.57	0.28	0.91	0.25	3.51	2.18	0.15	0.29	0.01	2.63	0.25												
LES014	LES014U4	UG2	N0809	UG2FWPX	1553.57	1553.83	0.26	0.91	0.24	3.37	1.51	1.15	0.31	0.09	3.06	0.24												
LES014	LES014U4	UG2	N0810	UG2FWPX	1553.83	1554.01	0.18	0.91	0.16	2.96	0.31	0.23	0.06	0.01	0.61	0.16												
LES014	LES014U4	UG2	N0811	FW13ANO	1554.01	1554.22	0.21	0.91	0.19	2.85	0.02	0.01	0.01	0.01	0.05	0.19												
LES014	LES014U4	UG2	N0812	FW13ANO	1554.22	1554.41	0.19	0.91	0.17	2.84	0.01	0.01	0.01	0.01	0.04	0.17												
LES014	LES014U6	UG2	N0605	UG2HZ2	1553.02	1553.22	0.20	0.91	0.18	3.24	0.2	0.06	0.02	0.02	0.30	0.18												
LES014	LES014U6	UG2	N0606	UG2HZ2	1553.22	1553.41	0.19	0.91	0.17	3.08	0.24	0.2	0.01	0.03	0.48	0.17												
LES014	LES014U6	UG2	N0607	UG2L	1553.41	1553.70	0.29	0.91	0.26	3.57	1.46	0.73	0.2	0.02	2.41	0.26												
LES014	LES014U6	UG2	N0609	UG2PX1	1553.70	1553.90	0.20	0.91	0.18	3.20	0.16	0.03	0.04	0.01	0.24	0.18												
LES014	LES014U6	UG2	N0610	UG2PX1	1553.90	1554.11	0.21	0.91	0.19	3.19	0.14	0.02	0.03	0.10	0.29	0.19												
LES014	LES014U6	UG2	N0611	UG2PX1	1554.11	1554.31	0.20	0.91	0.18	3.17	0.12	0.03	0.02	0.01	0.18	0.18												
LES014	LES014U6	UG2	N0612	UG2PX1	1554.31	1554.52	0.21	0.91	0.19	3.26	0.19	0.04	0.04	0.01	0.28	0.19												
LES014	LES014U6	UG2	N0614	UG2PX1	1554.52	1554.74	0.22	0.91	0.20	3.20	0.07	0.03	0.01	0.01	0.12	0.20												
LES014	LES014U6	UG2	N0615	UG2PX1	1554.74	1554.94	0.20	0.91	0.18	3.26	0.1	0.03	0.03	0.01	0.17	0.18												
LES014	LES014U6	UG2	N0616	UG2PX1	1554.94	1555.11	0.17	0.91	0.15	3.17	0.09	0.02	0.02	0.01	0.14	0.15												
LES014	LES014U6	UG2	N0617	UG2A	1555.11	1555.29	0.18	0.91	0.16	3.65	1.77	0.13	0.23	0.01	2.14	0.16							0.16	34.91	34.91			
LES014	LES014U6	UG2	N0618	UG2A	1555.29	1555.46	0.17	0.91	0.15	3.77	3.32	0.29	0.49	0.01	4.11	0.15							0.32	63.32	98.23			
LES014	LES014U6	UG2	N0620	UG2MPX	1555.46	1555.66	0.20	0.91	0.18	3.22	0.02	0.02	0.01	0.01	0.06	0.18							0.50	1.09	99.32			
LES014	LES014U6	UG2	N0621	UG2MPX	1555.66	1555.86	0.20	0.91	0.18	3.23	0.04	0.01	0.01	0.01	0.07	0.18							0.68	1.27	100.59			
LES014	LES014U6	UG2	N0622	UG2MPX	1555.86	1556.07	0.21	0.91	0.19	3.24	0.01	0.01	0.01	0.01	0.04	0.19							0.87	0.76	101.35			
LES014	LES014U6	UG2	N0623	UG2MPX	1556.07	1556.28	0.21	0.91	0.19	3.21	0.58	0.91	0.09	0.06	1.64	0.19							1.06	31.21	132.57			
LES014	LES014U6	UG2	N0624	UG2MPX	1556.28	1556.47	0.19	0.91	0.17	3.04	0.12	0.2	0.02	0.06	0.40	0.17							1.23	6.89	139.45			
LES014	LES014U6	UG2	N0625	UG2B	1556.47	1556.67	0.20	0.91	0.18	3.75	4.92	6	0.74	0.27	11.93	0.18							1.41	216.25	355.70		0	
LES014	LES014U6	UG2	N0626	UG2B	1556.67	1556.87	0.20	0.91	0.18	4.01	2.47	1.31	0.54	0.04	4.36	0.18							1.60	79.03	434.73		0	
LES014	LES014U6	UG2	N0627	UG2B	1556.87	1557.16	0.29	0.91	0.26	4.14	2.04	1.44	0.55	0.05	4.08	0.26							1.86	107.23	541.96		0	
LES014	LES014U6	UG2	N0628	UG2B	1557.16	1557.37	0.21	0.91	0.19	4.01	2.42	2.89	0.54	0.11	5.96	0.19							2.05	113.43	655.40		0	
LES014	LES014U6	UG2	N0629	UG2B	1557.37	1557.54	0.17	0.91	0.15	3.58	4.84	3.71	0.99	0.06	9.60	0.15	3.63	1.94	1.49	0.37	0.06	3.86	2.20	147.91	803.31		0	
LES014	LES014U6	UG2	N0631	UG2PEG	1557.54	1557.74	0.20	0.91	0.18	3.10	0.21	0.2	0.11	0.01	0.53	0.18												
LES014	LES014U6	UG2	N0632	UG2PEG	1557.74	1557.925	0.18	0.91	0.17	3.07	0.13	0.07	0.08	0.01	0.29	0.17												
LES014	LES014U6	UG2	N0633	UG2PEG	1557.93	1558.13	0.21	0.91	0.19	3.07	0.04	0.04	0.02	0.01	0.11	0.19												
LES014	LES014U6	UG2	N0634	UG2PEG	1558.13	1558.33	0.20	0.91	0.18	3.13	0.03	0.02	0.02	0.01	0.08	0.18												
LES014	LES014U6	UG2	N0635	UG2PEG	1558.33	1558.53	0.20	0.91	0.18	3.17	0.01	0.01	0.02	0.01	0.05	0.18												
LES014	LES014U6	UG2	N0636	UG2PEG	1558.53	1558.73	0.20	0.91	0.18	3.16	0.05	0.01	0.01	0.01	0.08	0.18												
LES014	LES014U6	UG2	N0637	UG2PEG	1558.73	1558.91	0.18	0.91	0.16	3.17	0.01	0.01	0.01	0.01	0.04	0.16												
LES014	LES014U6	UG2	N0638	UG2PEG	1558.91	1559.08	0.17	0.91	0.15	3.14	0.01	0.03	0.01	0.01	0.06	0.15												
LES014	LES014U6	UG2	N0639	UG2PEG	1559.08	1559.26	0.18	0.91	0.16	3.13	2.69	5.31	0.16	0.25	8.41	0.16												
LES014	LES014U6	UG2	N0640	FW13	1559.26	1559.46	0.20	0.91	0.18	2.78	0.07	0.06	0.02	0.01	0.16	0.18												
LES014	LES014U6	UG2	N0641	FW13	1559.46	1559.66	0.20	0.91	0.18	2.79	0.11	0.19	0.01	0.01	0.32	0.18												

LES016	LES016M0	Mere	N1092	HW1	1300.94	1301.15	0.21	0.97	0.20	2.99	0.11	0.06	0.01	0.02	0.2	0.20											
LES016	LES016M0	Mere	N1093	HW1	1301.15	1301.34	0.19	0.97	0.18	3.03	0.03	0.01	0.01	0.02	0.07	0.18											
LES016	LES016M0	Mere	N1094	HWPX	1301.34	1301.52	0.18	0.97	0.17	3.23	0.09	0.03	0.01	0.06	0.19	0.17											
LES016	LES016M0	Mere	N1096	HWPX	1301.52	1301.74	0.22	0.97	0.21	3.29	0.15	0.06	0.01	0.04	0.26	0.21											
LES016	LES016M0	Mere	N1097	HWPX	1301.74	1301.96	0.22	0.97	0.21	3.28	0.23	0.12	0.01	0.10	0.46	0.21											
LES016	LES016M0	Mere	N1098	HWPX	1301.96	1302.16	0.20	0.97	0.19	3.28	0.22	0.12	0.01	0.10	0.45	0.19											
LES016	LES016M0	Mere	N1100	M1PX	1302.16	1302.36	0.20	0.97	0.19	3.39	7.78	3.90	0.33	1.08	13.09	0.19							0.19	252.88	252.88		0
LES016	LES016M0	Mere	N1101	M1PX	1302.36	1302.52	0.16	0.97	0.15	3.38	8.41	4.09	0.36	1.14	14.0	0.15							0.35	216.37	469.25		0
LES016	LES016M0	Mere	N1104	M2PEG	1302.52	1302.68	0.16	0.97	0.15	3.31	5.22	1.94	0.24	0.51	7.91	0.15							0.50	122.25	591.49		0
LES016	LES016M0	Mere	N1105	FWPX	1302.68	1302.86	0.18	0.97	0.17	3.27	1.27	0.87	0.03	0.09	2.26	0.17							0.68	39.29	630.79		0
LES016	LES016M0	Mere	N1106	FWPX	1302.86	1303.06	0.20	0.97	0.19	3.30	5.11	1.94	0.25	0.53	7.83	0.19							0.87	151.26	782.05		0
LES016	LES016M0	Mere	N1107	FWPX	1303.06	1303.26	0.20	0.97	0.19	3.29	1.25	0.86	0.06	0.10	2.27	0.19	3.32	4.80	2.25	0.21	0.57	7.83	1.06	43.85	825.91	7.89	832.196
LES016	LES016M0	Mere	N1108	FWPX	1303.26	1304.25	0.99	0.97	0.96	3.25	0.02	0.01	0.01	0.01	0.05	0.96											
LES016	LES016M0	Mere	N1110	FWPX	1304.25	1305.26	1.01	0.97	0.98	3.26	0.03	0.02	0.01	0.01	0.07	0.98											
LES016	LES016M0	Mere	N1111	FWPX	1305.26	1306.25	0.99	0.97	0.96	3.25	0.03	0.01	0.01	0.01	0.06	0.96											
LES016	LES016M0	Mere	N1112	FW1	1306.25	1306.45	0.20	0.97	0.19	3.10	0.04	0.03	0.01	0.01	0.09	0.19											
LES016	LES016M0	Mere	N1113	FW1	1306.45	1306.65	0.20	0.97	0.19	3.07	0.06	0.03	0.01	0.01	0.11	0.19											
LES016	LES016M4	Mere	N1114	HW1	1300.36	1300.56	0.20	0.97	0.19	3.05	0.06	0.03	0.01	0.01	0.11	0.19											
LES016	LES016M4	Mere	N1115	HW1	1300.56	1300.76	0.20	0.97	0.19	3.10	0.05	0.03	0.01	0.01	0.1	0.19											
LES016	LES016M4	Mere	N1116	HWPX	1300.76	1300.96	0.20	0.97	0.19	3.23	0.10	0.03	0.01	0.07	0.21	0.19											
LES016	LES016M4	Mere	N1117	HWPX	1300.96	1301.16	0.20	0.97	0.19	3.25	0.09	0.04	0.01	0.10	0.24	0.19											
LES016	LES016M4	Mere	N1118	HWPX	1301.16	1301.36	0.20	0.97	0.19	3.29	0.15	0.06	0.01	0.16	0.38	0.19											
LES016	LES016M4	Mere	N1120	HWPX	1301.36	1301.54	0.18	0.97	0.17	3.27	0.15	0.07	0.01	0.10	0.33	0.17											
LES016	LES016M4	Mere	N1121	M1PX	1301.54	1301.72	0.18	0.97	0.17	3.27	1.20	0.68	0.07	0.16	2.11	0.17							0.17	36.69	36.69		0
LES016	LES016M4	Mere	N1122	M1PX	1301.72	1301.94	0.22	0.97	0.21	3.36	6.70	2.69	0.31	0.71	10.41	0.21							0.39	221.22	257.90		0
LES016	LES016M4	Mere	N1123	M2PEG	1301.94	1302.16	0.22	0.97	0.21	3.33	14.8	10.3	1.14	0.33	26.61	0.21							0.60	565.47	823.37		0
LES016	LES016M4	Mere	N1124	M2PEG	1302.16	1302.39	0.23	0.97	0.22	3.32	14.0	15.7	1.27	0.52	31.47	0.22							0.82	699.15	1522.52		0
LES016	LES016M4	Mere	N1127	FWPX	1302.39	1302.60	0.21	0.97	0.20	3.31	0.06	0.21	0.01	0.01	0.29	0.20							1.02	5.88	1528.40		0
LES016	LES016M4	Mere	N1128	FWPX	1302.60	1302.79	0.19	0.97	0.18	3.23	0.48	0.89	0.04	0.07	1.48	0.18							1.21	27.16	1555.57		0
LES016	LES016M4	Mere	N1129	FWPX	1302.79	1302.99	0.20	0.97	0.19	3.28	3.24	3.27	0.17	0.21	6.89	0.19							1.40	133.10	1688.67		0
LES016	LES016M4	Mere	N1130	FWPX	1302.99	1303.19	0.20	0.97	0.19	3.27	0.62	0.56	0.04	0.26	1.48	0.19	3.30	6.06	5.09	0.45	0.31	11.91	1.59	28.59	1717.26	10.09	1898.33
LES016	LES016M4	Mere	N1131	FWPX	1303.19	1303.40	0.21	0.97	0.20	3.27	0.04	0.03	0.01	0.01	0.09	0.20											
LES016	LES016M4	Mere	N1133	FWPX	1303.40	1303.56	0.16	0.97	0.15	3.30	2.42	1.50	0.17	0.34	4.43	0.15											
LES016	LES016M4	Mere	N1134	FWPX	1303.56	1303.76	0.20	0.97	0.19	3.25	0.99	0.79	0.04	0.14	1.96	0.19											
LES016	LES016M4	Mere	N1135	FWPX	1303.76	1303.96	0.20	0.97	0.19	3.27	0.47	0.42	0.09	0.07	1.05	0.19											
LES016	LES016M4	Mere	N1136	FWPX	1303.96	1304.17	0.21	0.97	0.20	3.27	0.72	0.70	0.05	0.13	1.6	0.20											
LES016	LES016M4	Mere	N1137	FWPX	1304.17	1304.36	0.19	0.97	0.18	3.28	4.03	2.77	0.18	0.42	7.4	0.18											
LES016	LES016M4	Mere	N1139	FWPX	1304.36	1304.56	0.20	0.97	0.19	3.27	0.13	0.14	0.01	0.04	0.32	0.19											
LES016	LES016M4	Mere	N1140	FWPX	1304.56	1304.76	0.20	0.97	0.19	4.01	0.06	0.04	0.01	0.02	0.13	0.19											
LES016	LES016M4	Mere	N1141	FWPX	1304.76	1304.96	0.20	0.97	0.19	3.27	0.24	0.16	0.01	0.06	0.47	0.19											
LES016	LES016M4	Mere	N1142	FWPX	1304.96	1305.12	0.16	0.97	0.15	3.14	0.04	0.03	0.01	0.01	0.09	0.15											
LES016	LES016M4	Mere	N1143	FWPX	1305.12	1305.32	0.20	0.97	0.19	3.24	0.01	0.01	0.01	0.01	0.04	0.19											
LES016	LES016M4	Mere	N1144	FWPX	1305.32	1305.52	0.20	0.97	0.19	3.26	0.01	0.02	0.01	0.01	0.05	0.19											
LES016	LES016M5	Mere	N1145	HW1	1300.11	1300.31	0.20	0.97	0.19	3.01	0.06	0.03	0.01	0.02	0.12	0.19											
LES016	LES016M5	Mere	N1146	HW1	1300.31	1300.51	0.20	0.97	0.19	3.00	0.03	0.01	0.01	0.02	0.07	0.19											
LES016	LES016M5	Mere	N1148	HWPX	1300.51	1300.72	0.21	0.97	0.20	3.27	0.08	0.03	0.01	0.08	0.2	0.20											
LES016	LES016M5	Mere	N1149	HWPX	1300.72	1300.92	0.20	0.97	0.19	3.26	0.09	0.03	0.01	0.07	0.2	0.19											
LES016	LES016M5	Mere	N1150	HWPX	1300.92	1301.09	0.17	0.97	0.16	3.27	0.11	0.04	0.01	0.09	0.25	0.16							0.16	4.11	4.11		0
LES016	LES016M5	Mere	N1151	HWPX	1301.09	1301.26	0.17	0.97	0.16	3.28	1.13	0.38	0.06	0.13	1.7	0.16							0.33	27.92	32.02		0
LES016	LES016M5	Mere	N1152	HWPX	1301.26	1301.46	0.20	0.97	0.19	3.27	1.18	0.40	0.07	0.14	1.79	0.19							0.52	34.58	66.60		0
LES016	LES016M5	Mere	N1155	M1PX	1301.46	1301.66	0.20	0.97	0.19	3.27	1.05	0.36	0.06	0.17	1.64	0.19							0.71	31.68	98.28		0
LES016	LES016M5	Mere	N1156	M1PX	1301.66	1301.81	0.15	0.97	0.14	3.35	5.27	2.46	0.32	0.36	8.41	0.14							0.86	121.85	220.13		0
LES016	LES016M5	Mere	N1157	M2PEG	1301.81	1302.07	0.26	0.97	0.25	3.34	5.49	2.60	0.31	0.30	8.7	0.25	3.30	2.52	1.11	0.15	0.20	3.98	1.11	218.49	438.63	3.75	442.616
LES016	LES016M5	Mere	N1158	FWPX	1302.07	1302.25	0.18	0.97	0.17	3.30	0.07	0.05	0.01	0.01	0.14	0.17											
LES016	LES016M5	Mere	N1159	FWPX	1302.25	1302.46	0.21	0.97	0.20	3.31	0.06	0.04	0.01	0.01	0.12	0.20											
LES016	LES016U0	UG2	N0543	UG2PX2	1502.95	1503.15	0.20	0.94	0.19	3.22	0.79	0.28	0.07	0.02	1.16	0.19											
LES016	LES016U0	UG2	N0544	UG2PX2	1503.15	1503.35	0.20	0.94	0.19	3.26	0.97	1.09	0.12	0.06	2.24	0.19											
LES016	LES016U0	UG2	N0546	UG2PX2	1503.35	1503.56	0.21	0.94	0.20	3.16	0.81	0.23	0.09	0.02	1.15	0.20											
LES016	LES016U0	UG2	N0547	UG2PX2	1503.56	1503.76	0.20	0.94	0.19	3.29	**0.60**	**0.38**	**0.01**	**0.02**	1.01	0.19											
LES016	LES016U0	UG2	N0548	UG2L	1503.76	1503.96	0.20	0.94	0.19	3.69	2.05	1.58	0.44	0.09	4.16	0.19							0.19	78.18	78.18		0
LES016	LES016U0	UG2	N0549	UG2	1503.96	1504.15	0.19	0.94	0.18	4.08	**2.59**	**0.28**	**0.44**	**0.01**	3.32	0.18							0.37	59.28	137.46		0
LES016	LES016U0	UG2	N0550	UG2	1504.15	1504.35	0.20	0.94	0.19	4.15	5.44	3.67	0.73	0.21	10.05	0.19							0.55	188.88	326.34		0
LES016	LES016U0	UG2	N0552	UG2	1504.35	1504.60	0.25	0.94	0.23	3.91	2.36	1.48	0.55	0.05	4.44	0.23							0.79	104.31	430.64		0
LES016	LES016U0	UG2	N0553	UG2	1504.60	1504.78	0.18	0.94	0.17	3.94	1.89	1.52	0.51	0.05	3.97	0.17							0.96	67.15	497.79		0
LES016	LES016U0	UG2	N0554	UG2	1504.78	1504.98	0.20	0.94	0.19	3.73	4.30	7.20	0.73	0.22	12.45	0.19	3.92	3.12	2.58	0.57	0.10	6.37	1.15	233.98	731.78	6.40	730.419
LES016	LES016U0	UG2	N0557	UG2PEG	1504.98	1505.18	0.20	0.94	0.19	3.34	0.19	0.24	0.03	0.01	0.47	0.19											
LES016	LES016U0	UG2	N0558	UG2PEG	1505.18	1505.42	0.24	0.94	0.23	3.29	0.12	0.08	0.02	0.02	0.24	0.23											
LES016	LES016U0	UG2	N0559	UG2PEG	1505.42	1505.64	0.22	0.94	0.21	3.16	0.11	0.18	0.03	0.03	0.35	0.21											
LES016	LES016U0	UG2	N0560	FW13ANO	1505.64	1505.84	0.20	0.94	0.19	2.80	0.02	0.02	0.01	0.02	0.07	0.19											
LES016	LES016U0	UG2	N0561	FW13ANO	1505.84	1506.04	0.20	0.94	0.19	2.84	0.02	0.02	0.01	0.01	0.06	0.19											
LES016	LES016U5	UG2	N0562	UG2PX2	1502.79	1502.99	0.20	0.94	0.19	3.25	0.84	0.32	0.07	0.01	1.24	0.19											
LES016	LES016U5	UG2	N0563	UG2PX2	1502.99	1503.20	0.21	0.94	0.20	3.27	1.67	0.94	0.18	0.02	2.81	0.20											
LES016	LES016U5	UG2	N0564	UG2PX2	1503.20	1503.40	0.20	0.94	0.19	3.27	0.22	0.08	0.01	0.02	0.33	0.19											
LES016	LES016U5	UG2	N0565	UG2PX2	1503.40	1503.60	0.20	0.94	0.19	3.30	0.47	0.54	0.04	0.02	1.07	0.19											
LES016	LES016U5	UG2	N0567	UG2L	1503.60	1503.80	0.20	0.94	0.19	3.65	1.73	0.90	0.38	0.03	3.04	0.19							0.19	57.13	57.13		0
LES016	LES016U5	UG2	N0568	UG2A	1503.80	1504.02	0.22	0.94	0.21	4.01	2.28	0.22	0.42	0.01	2.93	0.21							0.39	60.57	117.71		0
LES016	LES016U5	UG2	N0569	UG2B	1504.02	1504.23	0.21	0.94	0.20	3.98	4.36	3.51	0.55	0.21	8.63	0.20							0.59	170.30	288.01		0
LES016	LES016U5	UG2	N0571	UG2B	1504.23	1504.43	0.20	0.94	0.19	3.96	2.63	2.37	0.53	0.10	5.63	0.19							0.78	105.81	393.82		0
LES016	LES016U5	UG2	N0572	UG2B	1504.43	1504.64	0.21	0.94	0.20	4.11	2.27	1.82	0.54	0.07	4.7	0.20							0.98	92.75	486.56		0
LES016	LES016U5	UG2	N0573	UG2B	1504.64	1504.86	0.22	0.94	0.21	4.11	2.33	2.52	0.50	0.10	5.45	0.21							1.18	112.67	599.23		0
LES016	LES016U5	UG2	N0576	UG2B	1504.86	1505.06	0.20	0.94	0.19	3.81	5.58	7.02	0.87	0.25	13.72	0.19	3.96	3.00	2.58	0.54	0.11	6.23	1.37	257.85	857.08	6.30	854.067
LES016	LES016U5	UG2	N0577	UG2PEG	1505.06	1505.26	0.20	0.94	0.19	3.37	0.60	0.57	0.21	0.02	1.4	0.19											
LES016	LES016U5	UG2	N0578	UG2PEG	1505.26	1505.44	0.18	0.94	0.17	3.30	0.13	0.13	0.03	0.01	0.3	0.17											
LES016	LES016U5	UG2	N0579	UG2PEG	1505.44	1505.64	0.20	0.94	0.19	3.13	0.17	0.22	0.06	0.01	0.46	0.19											
LES016	LES016U5	UG2	N0580	FW13ANO	1505.64	1505.84	0.20	0.94	0.19	2.81	0.04	0.04	0.01	0.04	0.13	0.19											
LES016	LES016U5	UG2	N0581	FW13ANO	1505.84	1506.04	0.20	0.94	0.19	2.78	0.04	0.01	0.01	0.01	0.07	0.19											
LES016	LES016U6	UG2	N0582	UG2PX2	1502.75	1502.95	0.20	0.94	0.19	3.25	0.86	0.27	0.07	0.01	1.21	0.19											
LES016	LES016U6	UG2	N0583	UG2PX2	1502.95	1503.15	0.20	0.94	0.19	3.15	1.38	0.89	0.15	0.03	2.45	0.19											
LES016	LES016U6	UG2	N0584	UG2PX2	1503.15	1503.35	0.20	0.94	0.19	3.26	0.15	0.12	0.01	0.01	0.29	0.19											
LES016	LES016U6	UG2	N0586	UG2L	1503.35	1503.56	0.21	0.94	0.20	3.41	1.02	0.56	0.22	0.02	1.82	0.20							0.20	35.92	35.92		
LES016	LES016U6	UG2	N0587	UG2A	1503.56	1503.76	0.20	0.94	0.19	3.87	1.94	1.01	0.42	0.02	3.39	0.19							0.39	63.71	99.63		
LES016	LES016U6	UG2	N0588	UG2A	1503.76	1503.93	0.17	0.94	0.16	4.08	3.09	0.19	0.48	0.02	3.78	0.16							0.55	60.38	160.01		
LES016	LES016U6	UG2	N0590	UG2A	1503.93	1504.13	0.20	0.94	0.19	3.97	5.59	3.62	0.89	0.20	10.3	0.19							0.73	193.58	353.59		
LES016	LES016U6	UG2	N0592	UG2B	1504.13	1504.34	0.21	0.94	0.20	4.04	3.04	4.31	0.70	0.13	8.18	0.20							0.93	161.42	515.01		
LES016	LES016U6	UG2	N0593	UG2B	1504.34	1504.55	0.21	0.94	0.20	4.05	2.39	1.94	0.56	0.08	4.97	0.20							1.13	98.08	613.08		
LES016	LES016U6	UG2	N0596	UG2B	1504.55	1504.75	0.20	0.94	0.19	4.05	2.72	2.80	0.62	0.10	6.24	0.19							1.32	117.27	730.36		
LES016	LES016U6	UG2	N0597	UG2B	1504.75	1504.95	0.20	0.94	0.19	3.88	5.70	7.08	1.06	0.21	14.05	0.19	3.93	3.20	2.76	0.63	0.10	6.68	1.50	264.05	994.41	6.59	1004.75
LES016	LES016U6	UG2	N0598	UG2PEG	1504.95	1505.14	0.19	0.94	0.18	3.33	0.61	0.76	0.19	0.04	1.6	0.18											
LES016	LES016U6	UG2	N0599	UG2PEG	1505.14	1505.36	0.22	0.94	0.21	3.28	0.13	0.11	0.03	0.03	0.3	0.21											
LES016	LES016U6	UG2	N0600	UG2PEG	1505.36	1505.56	0.20	0.94	0.19	3.22	0.35	0.30	0.11	0.04	0.8	0.19											
LES016	LES016U6	UG2	N0601	FW13ANO	1505.56	1505.76	0.20	0.94	0.19	2.83	0.07	0.03	0.01	0.02	0.13	0.19											
LES016	LES016U6	UG2	N0602	FW13ANO	1505.76	1505.96	0.20	0.94	0.19	2.78	0.06	0.02	0.01	0.01	0.1	0.19											
LES016	LES016U6	UG2	N0603	FW13ANO	1505.96	1506.16	0.20	0.94	0.19	2.81	0.70	2.11	0.09	0.30	3.2	0.19											
LES016	LES016U6	UG2	N0604	FW13ANO	1506.16	1506.36	0.20	0.94	0.19	2.80	0.31	0.20	0.04	0.02	0.57	0.19											

LES017	LES017M0	Mere	N1833	MID1	1509.62	1509.82	0.20	0.91	0.18	2.91	0.02	0.01	0.01	0.02	0.06	0.18										
LES017	LES017M0	Mere	N1834	MID1	1509.82	1510.02	0.20	0.91	0.18	2.87	0.01	0.01	0.01	0.02	0.05	0.18										
LES017	LES017M0	Mere	N1835	HWPX	1510.02	1510.20	0.18	0.91	0.16	2.86	0.49	0.26	0.01	0.14	0.9	0.16							0.16	14.68	14.68		0
LES017	LES017M0	Mere	N1836	HWPX	1510.20	1510.40	0.20	0.91	0.18	2.96	3.52	2.18	0.14	0.25	6.09	0.18							0.34	110.39	125.07		0
LES017	LES017M0	Mere	N1838	HWPX	1510.40	1510.68	0.28	0.91	0.25	3.02	5.55	2.79	0.24	0.35	8.93	0.25							0.60	226.61	351.68		0
LES017	LES017M0	Mere	N1839	HWPX	1510.68	1510.84	0.16	0.91	0.15	2.96	3.87	2.52	0.15	0.23	6.77	0.15							0.74	98.17	449.85		0
LES017	LES017M0	Mere	N1840	HWPX	1510.84	1511.00	0.16	0.91	0.15	2.90	1.41	1.20	0.06	0.19	2.86	0.15							0.89	41.47	491.33		0
LES017	LES017M0	Mere	N1841	HWPX	1511.00	1511.20	0.20	0.91	0.18	3.07	0.15	0.08	0.01	0.15	0.39	0.18	2.97	2.74	1.59	0.11	0.23	4.68	1.07	7.07	498.40	2.37	500.312
LES017	LES017M0	Mere	N1843	HWPX	1511.20	1511.39	0.19	0.91	0.17	3.17	0.12	0.05	0.01	0.15	0.33	0.17											
LES017	LES017M0	Mere	N1844	HWPX	1511.39	1511.60	0.21	0.91	0.19	3.18	0.11	0.07	0.01	0.10	0.29	0.19											
LES017	LES017M0	Mere	N1845	HWPX	1511.60	1511.80	0.20	0.91	0.18	3.21	2.22	0.95	0.08	0.26	3.51	0.18											
LES017	LES017M0	Mere	N1846	MIPX	1511.80	1512.00	0.20	0.91	0.18	3.21	4.90	2.96	0.18	0.63	8.67	0.18											
LES017	LES017M0	Mere	N1848	M2PEG	1512.00	1512.32	0.32	0.91	0.29	3.16	1.69	0.76	0.12	0.15	2.72	0.29											
LES017	LES017M0	Mere	N1849	FWPX	1512.32	1512.52	0.20	0.91	0.18	3.21	0.95	0.56	0.05	0.11	1.67	0.18											
LES017	LES017M0	Mere	N1850	FWPX	1512.52	1512.72	0.20	0.91	0.18	3.18	0.02	0.01	0.01	0.06	0.1	0.18											
LES017	LES017M0	Mere	N1852	FWPX	1512.72	1513.74	1.02	0.91	0.92	3.15	0.01	0.01	0.01	0.03	0.06	0.92											
LES017	LES017M0	Mere	N1853	FWPX	1513.74	1514.70	0.96	0.91	0.87	3.03	0.01	0.01	0.01	0.01	0.04	0.87											
LES017	LES017M0	Mere	N1854	FWPX	1514.70	1515.34	0.64	0.91	0.58	2.88	0.01	0.01	0.01	0.01	0.04	0.58											
LES017	LES017M0	Mere	N1855	FW1	1515.34	1515.54	0.20	0.91	0.18	2.91	0.01	0.01	0.01	0.01	0.04	0.18											
LES017	LES017M0	Mere	N1856	FW1	1515.54	1515.74	0.20	0.91	0.18	2.91	0.01	0.01	0.01	0.01	0.04	0.18											
LES017	LES017M4	Mere	N1857	MID1	1510.78	1510.98	0.20	0.91	0.18	3.03	0.02	0.01	0.01	0.03	0.07	0.18											
LES017	LES017M4	Mere	N1858	MID1	1510.98	1511.17	0.19	0.91	0.17	3.02	0.03	0.01	0.01	0.03	0.08	0.17											
LES017	LES017M4	Mere	N1859	HWPX	1511.17	1511.37	0.20	0.91	0.18	3.19	0.08	0.03	0.01	0.08	0.2	0.18											
LES017	LES017M4	Mere	N1861	HWPX	1511.37	1511.56	0.19	0.91	0.17	3.24	0.11	0.05	0.01	0.16	0.33	0.17											
LES017	LES017M4	Mere	N1862	HWPX	1511.56	1511.72	0.16	0.91	0.15	3.24	0.15	0.08	0.01	0.14	0.38	0.15											
LES017	LES017M4	Mere	N1863	HWPX	1511.72	1511.88	0.16	0.91	0.15	3.23	0.40	0.27	0.02	0.10	0.79	0.15							0.15	11.46	11.46		0
LES017	LES017M4	Mere	N1864	HWPX	1511.88	1512.10	0.22	0.91	0.20	3.29	8.62	3.12	0.31	0.45	12.5	0.20							0.34	249.23	260.69		0
LES017	LES017M4	Mere	N1866	MIPX	1512.10	1512.30	0.20	0.91	0.18	3.23	2.37	1.07	0.10	0.30	3.84	0.18							0.53	69.60	330.29		0
LES017	LES017M4	Mere	N1867	M2PEG	1512.30	1512.50	0.20	0.91	0.18	3.13	4.62	2.04	0.36	0.27	7.29	0.18							0.71	132.14	462.43		0
LES017	LES017M4	Mere	N1868	M2PEG	1512.50	1512.70	0.20	0.91	0.18	3.10	0.48	0.54	0.02	0.10	1.14	0.18							0.89	20.66	483.10		0
LES017	LES017M4	Mere	N1870	FWPX	1512.70	1512.88	0.18	0.91	0.16	3.16	0.18	0.16	0.01	0.06	0.41	0.16	3.19	3.04	1.29	0.15	0.23	4.71	1.05	6.69	489.79	2.09	495.351
LES017	LES017M4	Mere	N1871	FWPX	1512.88	1513.09	0.21	0.91	0.19	3.24	0.01	0.01	0.01	0.01	0.04	0.19											
LES017	LES017M6	Mere	N1872	MID1	1510.76	1510.96	0.20	0.91	0.18	2.98	0.03	0.01	0.01	0.03	0.08	0.18											
LES017	LES017M6	Mere	N1873	MID1	1510.96	1511.16	0.20	0.91	0.18	3.02	0.03	0.01	0.01	0.03	0.08	0.18											
LES017	LES017M6	Mere	N1874	HWPX	1511.16	1511.36	0.20	0.91	0.18	3.13	0.08	0.03	0.01	0.06	0.18	0.18											
LES017	LES017M6	Mere	N1875	HWPX	1511.36	1511.56	0.20	0.91	0.18	3.19	0.09	0.04	0.01	0.11	0.25	0.18											
LES017	LES017M6	Mere	N1877	HWPX	1511.56	1511.77	0.21	0.91	0.19	3.18	0.12	0.05	0.01	0.16	0.34	0.19											
LES017	LES017M6	Mere	N1878	HWPX	1511.77	1511.99	0.22	0.91	0.20	3.16	0.91	0.44	0.04	0.22	1.61	0.20											
LES017	LES017M6	Mere	N1879	HWPX	1511.99	1512.19	0.20	0.91	0.18	3.23	3.66	1.11	0.15	0.27	5.19	0.18							0.18	94.07	94.07		0
LES017	LES017M6	Mere	N1880	MIPX	1512.19	1512.39	0.20	0.91	0.18	3.15	2.25	1.28	0.10	0.35	3.98	0.18							0.36	72.14	166.22		0
LES017	LES017M6	Mere	N1882	M2PEG	1512.39	1512.58	0.19	0.91	0.17	3.17	4.83	1.65	0.32	0.29	7.09	0.17							0.53	122.09	288.31		0
LES017	LES017M6	Mere	N1884	M2PEG	1512.58	1512.76	0.18	0.91	0.16	3.18	1.99	1.56	0.07	0.19	3.81	0.16							0.70	62.15	350.46		0
LES017	LES017M6	Mere	N1885	FWPX	1512.76	1512.96	0.20	0.91	0.18	3.28	4.21	2.56	0.23	1.04	8.04	0.18							0.88	145.73	496.19		0
LES017	LES017M6	Mere	N1886	FWPX	1512.96	1513.17	0.21	0.91	0.19	3.22	4.87	3.60	0.21	0.73	9.41	0.19							1.07	179.10	675.29		0
LES017	LES017M6	Mere	N1888	FWPX	1513.17	1513.37	0.20	0.91	0.18	3.22	0.93	0.59	0.04	0.22	1.78	0.18	3.21	3.27	1.79	0.16	0.45	5.67	1.25	32.26	707.55	3.22	708.991
LES017	LES017M6	Mere	N1889	FWPX	1513.37	1513.57	0.20	0.91	0.18	3.17	0.25	0.17	0.01	0.16	0.59	0.18											
LES017	LES017M6	Mere	N1890	FWPX	1513.57	1513.77	0.20	0.91	0.18	3.20	0.01	0.02	0.01	0.04	0.08	0.18											
LES017	LES017M6	Mere	N1891	FWPX	1513.77	1513.97	0.20	0.91	0.18	3.21	0.10	0.07	0.01	0.02	0.2	0.18											
LES017	LES017M6	Mere	N1892	FWPX	1513.97	1514.18	0.21	0.91	0.19	3.16	0.01	0.01	0.01	0.01	0.04	0.19											
LES017	LES017U0	UG2	N1512	UG2PX2	1695.6	1695.8	0.2	0.9397	0.18794	3.26	0.9	0.29	0.08	0.01	1.28	0.1879											
LES017	LES017U0	UG2	N1513	UG2PX2	1695.8	1696.02	0.22	0.9397	0.20673	3.03	0.12	0.05	0.01	0.01	0.19	0.2067											
LES017	LES017U0	UG2	N1514	UG2L	1696.02	1696.32	0.3	0.9397	0.28191	3.58	1.61	0.77	0.29	0.03	2.7	0.2819											
LES017	LES017U0	UG2	N1515	UG2PX1	1696.32	1696.56	0.24	0.9397	0.22553	3.25	0.27	0.05	0.06	0.01	0.39	0.2255											
LES017	LES017U0	UG2	N1517	UG2A	1696.56	1696.78	0.22	0.9397	0.20673	3.82	2.2	0.15	0.33	0.01	2.69	0.2067							0.21	55.61	55.61		0
LES017	LES017U0	UG2	N1519	UG2A	1696.78	1697.01	0.23	0.9397	0.21613	3.74	3.57	0.2	0.43	0.01	4.21	0.2161							0.42	90.99	146.60		0
LES017	LES017U0	UG2	N1520	UG2MPX	1697.01	1697.22	0.21	0.9397	0.19734	3.15	0.03	0.01	0.01	0.01	0.06	0.1973							0.62	1.18	147.79		0
LES017	LES017U0	UG2	N1521	UG2MPX	1697.22	1697.48	0.26	0.9397	0.24432	3.21	0.09	0.02	0.01	0.01	0.13	0.2443							0.86	3.18	150.96		0
LES017	LES017U0	UG2	N1522	UG2MPX	1697.48	1697.68	0.2	0.9397	0.18794	3.22	0.01	0.03	0.01	0.01	0.06	0.1879							1.05	1.13	152.09		0
LES017	LES017U0	UG2	N1523	UG2B	1697.68	1697.9	0.22	0.9397	0.20673	3.52	4.03	4.5	0.59	0.34	9.46	0.2067							1.26	195.57	347.66		0
LES017	LES017U0	UG2	N1524	UG2B	1697.9	1698.1	0.2	0.9397	0.18794	3.65	1.95	0.93	0.38	0.03	3.29	0.1879							1.45	61.83	409.49		0
LES017	LES017U0	UG2	N1526	UG2B	1698.1	1698.3	0.2	0.9397	0.18794	3.98	2.54	1.31	0.49	0.04	4.38	0.1879							1.64	82.32	491.81		0
LES017	LES017U0	UG2	N1528	UG2B	1698.3	1698.51	0.21	0.9397	0.19734	3.96	1.79	1.2	0.4	0.05	3.44	0.1973							1.83	67.88	559.69		0
LES017	LES017U0	UG2	N1529	UG2B	1698.51	1698.71	0.2	0.9397	0.18794	3.97	3.06	3.87	0.57	0.16	7.66	0.1879							2.02	143.96	703.65		0
LES017	LES017U0	UG2	N1530	UG2B	1698.71	1698.99	0.28	0.9397	0.26311	3.65	6.17	8.3	0.84	0.29	15.6	0.2631	3.64	2.48	2.06	0.39	0.09	5.03	2.28	410.46	1114.11	4.16	1147.58
LES017	LES017U0	UG2	N1531	UG2PEG	1698.99	1699.12	0.13	0.9397	0.12216	3.31	0.56	2.54	0.12	0.03	3.25	0.1222											
LES017	LES017U0	UG2	N1533	UG2PEG	1699.12	1699.26	0.14	0.9397	0.13156	3.19	0.08	0.06	0.01	0.01	0.16	0.1316											
LES017	LES017U0	UG2	N1534	UG2PEG	1699.26	1699.43	0.17	0.9397	0.15975	3.18	0.06	0.04	0.01	0.01	0.12	0.1597											
LES017	LES017U0	UG2	N1535	UG2PEG	1699.43	1699.64	0.21	0.9397	0.19734	3.17	0.07	0.05	0.01	0.01	0.14	0.1973											
LES017	LES017U0	UG2	N1536	UG2PEG	1699.64	1699.82	0.18	0.9397	0.16914	3.08	0.57	0.68	0.08	0.01	1.34	0.1691											
LES017	LES017U0	UG2	N1537	FW13ANO	1699.82	1700.04	0.22	0.9397	0.20673	2.79	0.73	0.15	0.09	0.01	0.98	0.2067											
LES017	LES017U0	UG2	N1538	FW13ANO	1700.04	1700.23	0.19	0.9397	0.17854	2.79	0.16	0.05	0.02	0.01	0.24	0.1785											
LES017	LES017U5	UG2	N1539	UG2PX2	1695.77	1695.98	0.21	0.94	0.20	3.27	0.60	0.32	0.06	0.02	1	0.20											
LES017	LES017U5	UG2	N1540	UG2PX2	1695.98	1696.20	0.22	0.94	0.21	3.09	0.19	0.08	0.01	0.03	0.31	0.21											
LES017	LES017U5	UG2	N1541	UG2L	1696.20	1696.50	0.30	0.94	0.28	3.55	1.56	0.76	0.28	0.03	2.63	0.28											
LES017	LES017U5	UG2	N1543	UG2PX1	1696.50	1696.72	0.22	0.94	0.21	3.21	0.23	0.07	0.05	0.01	0.36	0.21											
LES017	LES017U5	UG2	N1545	UG2A	1696.72	1696.92	0.20	0.94	0.19	3.86	2.06	0.13	0.33	0.01	2.53	0.19							0.19	47.55	47.55		0
LES017	LES017U5	UG2	N1546	UG2A	1696.92	1697.17	0.25	0.94	0.23	3.66	2.95	0.17	0.39	0.01	3.52	0.23							0.42	82.69	130.24		0
LES017	LES017U5	UG2	N1548	UG2MPX	1697.17	1697.37	0.20	0.94	0.19	3.21	0.09	0.01	0.02	0.01	0.13	0.19							0.61	2.44	132.68		0
LES017	LES017U5	UG2	N1549	UG2MPX	1697.37	1697.59	0.22	0.94	0.21	3.19	0.07	0.02	0.01	0.01	0.11	0.21							0.82	2.27	134.96		0
LES017	LES017U5	UG2	N1550	UG2MPX	1697.59	1697.79	0.20	0.94	0.19	3.20	0.01	0.01	0.01	0.01	0.04	0.19							1.01	0.75	135.71		0
LES017	LES017U5	UG2	N1551	UG2B	1697.79	1698.01	0.22	0.94	0.21	3.61	4.05	4.89	0.60	0.31	9.85	0.21							1.21	203.63	339.34		0
LES017	LES017U5	UG2	N1552	UG2B	1698.01	1698.21	0.20	0.94	0.19	3.72	2.11	2.40	0.38	0.14	5.03	0.19							1.40	94.53	433.87		0
LES017	LES017U5	UG2	N1553	UG2B	1698.21	1698.44	0.23	0.94	0.22	3.91	2.33	1.63	0.47	0.06	4.49	0.22							1.62	97.04	530.92		0
LES017	LES017U5	UG2	N1554	UG2B	1698.44	1698.68	0.24	0.94	0.23	3.90	1.89	1.65	0.40	0.07	4.01	0.23							1.84	90.44	621.35		0
LES017	LES017U5	UG2	N1556	UG2B	1698.68	1698.88	0.20	0.94	0.19	3.98	3.36	4.00	0.52	0.17	8.05	0.19							2.03	151.29	772.64		0
LES017	LES017U5	UG2	N1557	UG2B	1698.88	1699.09	0.21	0.94	0.20	3.72	7.70	8.29	1.08	0.31	17.37	0.20	3.66	2.52	2.16	0.40	0.10	5.18	2.23	342.86	1115.50	4.47	1154.61
LES017	LES017U5	UG2	N1559	UG2PEG	1699.09	1699.30	0.21	0.94	0.20	3.20	0.26	0.36	0.06	0.01	0.69	0.20											
LES017	LES017U5	UG2	N1560	UG2PEG	1699.30	1699.50	0.20	0.94	0.19	3.16	0.05	0.07	0.01	0.01	0.14	0.19											
LES017	LES017U5	UG2	N1561	UG2PEG	1699.50	1699.70	0.20	0.94	0.19	3.22	0.05	0.07	0.01	0.01	0.14	0.19											
LES017	LES017U5	UG2	N1562	UG2PEG	1699.70	1699.90	0.20	0.94	0.19	3.05	0.46	0.15	0.09	0.01	0.71	0.19											
LES017	LES017U5	UG2	N1563	FW13ANO	1699.90	1700.09	0.19	0.94	0.18	2.79	0.41	0.10	0.05	0.01	0.57	0.18											
LES017	LES017U5	UG2	N1564	FW13ANO	1700.09	1700.30	0.21	0.94	0.20	2.82	0.54	0.11	0.06	0.01	0.72	0.20											
LES017	LES017U7	UG2	N1565	UG2PX2	1694.97	1695.18	0.21	0.94	0.20	3.16	0.26	0.10	0.01	0.01	0.38	0.20											
LES017	LES017U7	UG2	N1566	UG2PX2	1695.18	1695.38	0.20	0.94	0.19	3.11	0.15	0.09	0.01	0.01	0.26	0.19											
LES017	LES017U7	UG2	N1567	UG2L	1695.38	1695.66	0.28	0.94	0.26	3.59	1.64	0.81	0.30	0.03	2.78	0.26											
LES017	LES017U7	UG2	N1569	UG2PX1	1695.66	1695.87	0.21	0.94	0.20	3.31	0.24	0.06	0.06	0.01	0.37	0.20											
LES017	LES017U7	UG2	N1571	UG2A	1695.87	1696.11	0.24	0.94	0.23	3.84	1.99	0.19	0.30	0.01	2.49	0.23							0.23	56.16	56.16		0
LES017	LES017U7	UG2	N1572	UG2A	1696.11	1696.37	0.26	0.94	0.24	3.79	2.90	0.21	0.41	0.01	3.53	0.24							0.47	86.24	142.40		0
LES017	LES017U7	UG2	N1574	UG2MPX	1696.37	1696.57	0.20	0.94	0.19	3.22	0.08	0.03	0.01	0.01	0.13	0.19							0.66	2.44	144.84		0
LES017	LES017U7	UG2	N1575	UG2MPX	1696.57	1696.73	0.16	0.94	0.15	3.24	0.14	0.01	0.02	0.01	0.18	0.15							0.81	2.71	147.55		0
LES017	LES017U7	UG2	N1576	UG2MPX	1696.73	1696.93	0.20	0.94	0.19	3.21	0.03	0.03	0.01	0.01	0.08	0.19							1.00	1.50	149.05		0
LES017	LES017U7	UG2	N1577	UG2B	1696.93	1697.12	0.19	0.94	0.18	3.63	3.82	3.20	0.58	0.18	7.78	0.18							1.17	138.91	287.96		0
LES017	LES017U7	UG2	N1578	UG2B	1697.12	1697.33	0.21	0.94	0.20	3.71	2.08	1.24	0.39	0.03	3.74	0.20							1.37	73.80	361.76		0
LES017	LES017U7	UG2	N1580	UG2B	1697.33	1697.63	0.30	0.94	0.28	3.93	2.33	1.63	0.48	0.07	4.51	0.28							1.65	127.14	488.90		0
LES017	LES017U7	UG2	N1581	UG2B	1697.63	1697.83	0.20	0.94	0.19	3.98	1.80	1.26	0.40	0.04	3.5	0.19							1.84	65.78	554.68		0
LES017	LES017U7	UG2	N1582	UG2B	1697.83	1698.04	0.21	0.94	0.20	3.87	4.23	5.05	0.64	0.31	10.23	0.20							2.04	201.87	756.56		0
LES017	LES017U7	UG2	N1583	UG2B	1698.04	1698.24	0.20	0.94	0.19	3.61	4.90	3.57	0.71	0.23	9.41	0.19	3.69	2.33	1.52	0.38	0.08	4.31	2.23	176.85	933.41	3.75	960.87
LES017	LES017U7	UG2	N1585	UG2PEG	1698.24	1698.44	0.20	0.94	0.19	3.18	0.35	0.44	0.08	0.01	0.88	0.19											
LES017	LES017U7	UG2	N1586	UG2PEG	1698.44	1698.70	0.26	0.94	0.24	3.19	0.06	0.06	0.01	0.01	0.14	0.24											
LES017	LES017U7	UG2	N1587	UG2PEG	1698.70	1698.90	0.20	0.94	0.19	3.10	0.32	0.18	0.03	0.01	0.54	0.19											

LES017	LES017U7	UG2	N1588	FW13ANO	1698.90	1699.10	0.20	0.94	0.19	2.79	0.29	0.47	0.03	0.04	0.83	0.19											
LES017	LES017U7	UG2	N1589	FW13ANO	1699.10	1699.30	0.20	0.94	0.19	2.81	0.63	0.22	0.07	0.01	0.93	0.19											
LES018	LES018M0	Mere	N3476	MID1	1233.55	1233.75	0.20	0.91	0.18	2.96	0.02	0.01	0.01	0.03	0.07	0.18											
LES018	LES018M0	Mere	N3477	MID1	1233.75	1233.95	0.20	0.91	0.18	3.00	0.01	0.01	0.01	0.04	0.07	0.18											
LES018	LES018M0	Mere	N3478	HWPX	1233.95	1234.15	0.20	0.91	0.18	3.13	0.06	0.03	0.01	0.08	0.18	0.18											
LES018	LES018M0	Mere	N3479	HWPX	1234.15	1234.34	0.19	0.91	0.17	3.23	0.10	0.05	0.01	0.15	0.31	0.17											
LES018	LES018M0	Mere	N3481	HWPX	1234.34	1234.61	0.27	0.91	0.24	3.23	0.10	0.06	0.01	0.09	0.26	0.24											
LES018	LES018M0	Mere	N3482	HWPX	1234.61	1234.81	0.20	0.91	0.18	3.21	2.71	1.25	0.15	0.19	4.3	0.18							0.18	77.94	77.94		0
LES018	LES018M0	Mere	N3483	M1PX	1234.81	1235.02	0.21	0.91	0.19	3.29	3.66	2.14	0.17	0.63	6.6	0.19							0.37	125.61	203.56		0
LES018	LES018M0	Mere	N3485	M2PEG	1235.02	1235.27	0.25	0.91	0.23	3.25	7.67	3.95	0.49	0.29	12.4	0.23							0.60	280.96	484.51		0
LES018	LES018M0	Mere	N3486	M2PEG	1235.27	1235.52	0.25	0.91	0.23	3.26	1.62	1.38	0.14	0.38	3.52	0.23							0.82	79.76	564.27		0
LES018	LES018M0	Mere	N3488	FWPX	1235.52	1235.72	0.20	0.91	0.18	3.31	6.30	5.86	0.32	0.47	12.95	0.18							1.01	234.73	799.00		0
LES018	LES018M0	Mere	N3489	FWPX	1235.72	1235.91	0.19	0.91	0.17	3.27	3.09	3.15	0.28	1.04	7.56	0.17							1.18	130.18	929.18		0
LES018	LES018M0	Mere	N3490	FWPX	1235.91	1236.11	0.20	0.91	0.18	3.25	1.50	1.62	0.10	0.65	3.87	0.18							1.36	70.15	999.33		0
LES018	LES018M0	Mere	N3491	FWPX	1236.11	1236.31	0.20	0.91	0.18	3.27	2.11	2.58	0.15	0.66	5.5	0.18							1.54	99.69	1099.03		0
LES018	LES018M0	Mere	N3492	FWPX	1236.31	1236.51	0.20	0.91	0.18	3.28	3.51	1.92	0.13	0.71	6.27	0.18							1.72	113.65	1212.68		0
LES018	LES018M0	Mere	N3494	FWPX	1236.51	1236.71	0.20	0.91	0.18	3.28	1.88	2.41	0.10	0.48	4.87	0.18	3.27	3.47	2.63	0.21	0.54	6.84	1.90	88.27	1300.95	5.28	1302.77
LES018	LES018M0	Mere	N3495	FWPX	1236.71	1236.91	0.20	0.91	0.18	3.22	0.09	0.11	0.01	0.03	0.24	0.18											
LES018	LES018M0	Mere	N3496	FWPX	1236.91	1237.10	0.19	0.91	0.17	3.25	0.02	0.02	0.01	0.01	0.06	0.17											
LES018	LES018M0	Mere	N3497	FWPX	1237.10	1237.28	0.18	0.91	0.16	3.21	0.01	0.01	0.01	0.01	0.04	0.16											
LES018	LES018M0	Mere	N3499	FWPX	1237.28	1238.29	1.01	0.91	0.92	3.21	0.01	0.01	0.01	0.01	0.04	0.92											
LES018	LES018M0	Mere	N3500	FWPX	1238.29	1239.30	1.01	0.91	0.92	3.21	0.01	0.01	0.01	0.01	0.04	0.92											
LES018	LES018M0	Mere	N3501	FWPX	1239.30	1239.71	0.41	0.91	0.37	3.19	0.01	0.01	0.01	0.01	0.04	0.37											
LES018	LES018M0	Mere	N3502	FWPX	1239.71	1240.19	0.48	0.91	0.44	3.16	0.04	0.01	0.01	0.01	0.07	0.44											
LES018	LES018M0	Mere	N3503	FWPX	1240.19	1240.69	0.50	0.91	0.45	3.17	0.01	0.01	0.01	0.01	0.04	0.45											
LES018	LES018M0	Mere	N3504	FWPX	1240.69	1241.41	0.72	0.91	0.65	3.01	0.01	0.01	0.01	0.01	0.04	0.65											
LES018	LES018M0	Mere	N3506	FWPX	1241.41	1242.43	1.02	0.91	0.92	3.13	0.01	0.01	0.01	0.01	0.04	0.92											
LES018	LES018M0	Mere	N3507	FWPX	1242.43	1242.82	0.39	0.91	0.35	3.23	0.01	0.01	0.01	0.01	0.04	0.35											
LES018	LES018M0	Mere	N3508	FWPX	1242.82	1243.81	0.99	0.91	0.90	3.20	0.01	0.01	0.01	0.01	0.04	0.90											
LES018	LES018M0	Mere	N3509	FWPX	1243.81	1244.98	1.17	0.91	1.06	3.17	0.03	0.01	0.01	0.01	0.06	1.06											
LES018	LES018M0	Mere	N3510	FW1	1244.98	1245.22	0.24	0.91	0.22	2.82	0.02	0.02	0.01	0.01	0.06	0.22											
LES018	LES018M0	Mere	N3511	FW1	1245.22	1245.49	0.27	0.91	0.24	2.75	0.01	0.01	0.01	0.01	0.04	0.24											
LES018	LES018M6	Mere	N3512	MID1	1233.28	1233.48	0.20	0.91	0.18	2.98	0.01	0.01	0.01	0.02	0.05	0.18											
LES018	LES018M6	Mere	N3513	MID1	1233.48	1233.68	0.20	0.91	0.18	3.00	0.01	0.01	0.01	0.03	0.06	0.18											
LES018	LES018M6	Mere	N3514	HWPX	1233.68	1233.88	0.20	0.91	0.18	3.15	0.08	0.04	0.01	0.09	0.22	0.18											
LES018	LES018M6	Mere	N3515	HWPX	1233.88	1234.08	0.20	0.91	0.18	3.22	0.10	0.04	0.01	0.12	0.27	0.18											
LES018	LES018M6	Mere	N3517	HWPX	1234.08	1234.29	0.21	0.91	0.19	3.23	0.11	0.05	0.01	0.15	0.32	0.19											
LES018	LES018M6	Mere	N3518	HWPX	1234.29	1234.50	0.21	0.91	0.19	3.22	0.18	0.12	0.01	0.09	0.4	0.19							0.19	7.61	7.61		0
LES018	LES018M6	Mere	N3519	HWPX	1234.50	1234.71	0.21	0.91	0.19	3.30	4.49	2.06	0.23	0.53	7.31	0.19							0.38	139.13	146.74		0
LES018	LES018M6	Mere	N3521	MIPX	1234.71	1234.91	0.20	0.91	0.18	3.26	5.90	2.95	0.30	0.54	9.69	0.18							0.56	175.64	322.38		0
LES018	LES018M6	Mere	N3522	M2PEG	1234.91	1235.11	0.20	0.91	0.18	3.25	5.44	2.28	0.38	0.43	8.53	0.18							0.74	154.62	477.00		0
LES018	LES018M6	Mere	N3524	FWPX	1235.11	1235.31	0.20	0.91	0.18	3.18	3.52	2.52	0.22	0.19	6.45	0.18							0.92	116.91	593.91		0
LES018	LES018M6	Mere	N3525	FWPX	1235.31	1235.51	0.20	0.91	0.18	3.27	0.10	0.12	0.01	0.04	0.27	0.18	3.25	3.26	1.66	0.19	0.30	5.42	1.11	4.89	598.81	2.59	599.504
LES018	LES018M6	Mere	N3526	FWPX	1235.51	1235.71	0.20	0.91	0.18	3.20	0.03	0.03	0.01	0.01	0.08	0.18											
LES018	LES018M6	Mere	N3527	FWPX	1235.71	1235.91	0.20	0.91	0.18	3.21	0.01	0.02	0.01	0.01	0.05	0.18											
LES018	LES018M6	Mere	N3529	FWPX	1235.91	1236.11	0.20	0.91	0.18	3.20	0.07	0.09	0.01	0.04	0.21	0.18											
LES018	LES018M6	Mere	N3530	FWPX	1236.11	1236.31	0.20	0.91	0.18	3.24	0.14	0.14	0.01	0.04	0.33	0.18											
LES018	LES018M6	Mere	N3531	FWPX	1236.31	1236.51	0.20	0.91	0.18	3.20	0.01	0.02	0.01	0.01	0.05	0.18											
LES018	LES018M8	Mere	N3532	MID1	1233.40	1233.60	0.20	0.91	0.18	2.97	0.02	0.01	0.01	0.03	0.07	0.18											
LES018	LES018M8	Mere	N3533	MID1	1233.60	1233.79	0.19	0.91	0.17	2.96	0.01	0.01	0.01	0.03	0.06	0.17											
LES018	LES018M8	Mere	N3534	HWPX	1233.79	1233.99	0.20	0.91	0.18	3.13	0.07	0.03	0.01	0.07	0.18	0.18											
LES018	LES018M8	Mere	N3535	HWPX	1233.99	1234.19	0.20	0.91	0.18	3.17	0.08	0.03	0.01	0.11	0.23	0.18											
LES018	LES018M8	Mere	N3537	HWPX	1234.19	1234.40	0.21	0.91	0.19	3.16	0.12	0.05	0.01	0.15	0.33	0.19											
LES018	LES018M8	Mere	N3538	HWPX	1234.40	1234.62	0.22	0.91	0.20	3.21	0.11	0.06	0.01	0.10	0.28	0.20							0.20	5.58	5.58		0
LES018	LES018M8	Mere	N3539	HWPX	1234.62	1234.82	0.20	0.91	0.18	3.24	5.39	1.67	0.21	0.32	7.59	0.18							0.38	137.58	143.16		0
LES018	LES018M8	Mere	N3540	MIPX	1234.82	1235.02	0.20	0.91	0.18	3.28	3.11	1.52	0.11	0.47	5.21	0.18							0.56	94.44	237.60		0
LES018	LES018M8	Mere	N3542	M2PEG	1235.02	1235.20	0.18	0.91	0.16	3.23	7.47	2.45	0.54	0.38	10.84	0.16							0.73	176.84	414.44		0
LES018	LES018M8	Mere	N3543	M2PEG	1235.20	1235.40	0.20	0.91	0.18	3.20	0.66	0.51	0.04	0.12	1.33	0.18							0.91	24.11	438.54		0
LES018	LES018M8	Mere	N3544	FWPX	1235.40	1235.60	0.20	0.91	0.18	3.19	0.50	0.37	0.03	0.06	0.96	0.18	3.22	2.76	1.06	0.15	0.24	4.21	1.09	17.40	455.95	2.11	458.116
LES018	LES018M8	Mere	N3545	FWPX	1235.60	1235.80	0.20	0.91	0.18	3.22	0.05	0.03	0.01	0.01	0.1	0.18											
LES018	LES018M8	Mere	N3546	FWPX	1235.80	1235.98	0.18	0.91	0.16	3.19	0.04	0.03	0.01	0.01	0.09	0.16											
LES019	LES019AU0	UG2	N1425	UG2HZ2	1573.92	1574.12	0.20	0.91	0.18	3.11	0.21	0.11	0.01	0.01	0.34	0.18											
LES019	LES019AU0	UG2	N1426	UG2HZ2	1574.12	1574.32	0.20	0.91	0.18	3.31	0.15	0.06	0.01	0.02	0.24	0.18											
LES019	LES019AU0	UG2	N1427	UG2L	1574.32	1574.60	0.28	0.91	0.25	3.55	1.39	1.00	0.23	0.02	2.64	0.25											
LES019	LES019AU0	UG2	N1428	UG2PX1	1574.60	1574.80	0.20	0.91	0.18	3.26	0.27	1.39	0.05	0.02	1.73	0.18											
LES019	LES019AU0	UG2	N1429	UG2PX1	1574.80	1575.02	0.22	0.91	0.20	3.22	0.13	0.04	0.02	0.01	0.20	0.20											
LES019	LES019AU0	UG2	N1430	UG2PX1	1575.02	1575.22	0.20	0.91	0.18	3.26	0.21	0.03	0.04	0.01	0.29	0.18											
LES019	LES019AU0	UG2	N1432	UG2PX1	1575.22	1575.43	0.21	0.91	0.19	3.25	0.16	0.04	0.03	0.01	0.24	0.19											
LES019	LES019AU0	UG2	N1434	UG2A	1575.43	1575.62	0.19	0.91	0.17	3.82	1.97	0.13	0.28	0.01	2.39	0.17							0.17	41.16	41.16		0
LES019	LES019AU0	UG2	N1435	UG2A	1575.62	1575.82	0.20	0.91	0.18	3.83	3.58	0.61	0.45	0.02	4.66	0.18							0.35	84.47	125.62		0
LES019	LES019AU0	UG2	N1436	UG2MPX	1575.82	1576.00	0.18	0.91	0.16	3.24	0.08	0.03	0.01	0.02	0.14	0.16							0.52	2.28	127.91		0
LES019	LES019AU0	UG2	N1437	UG2MPX	1576.00	1576.30	0.30	0.91	0.27	3.26	0.11	0.11	0.01	0.02	0.25	0.27							0.79	6.80	134.70		0
LES019	LES019AU0	UG2	N1438	UG2B	1576.30	1576.49	0.19	0.91	0.17	3.85	3.86	3.73	0.60	0.26	8.45	0.17							0.96	145.51	280.21		0
LES019	LES019AU0	UG2	N1440	UG2B	1576.49	1576.69	0.20	0.91	0.18	3.99	2.23	1.73	0.46	0.08	4.50	0.18							1.14	81.57	361.78		0
LES019	LES019AU0	UG2	N1441	UG2B	1576.69	1576.97	0.28	0.91	0.25	4.00	2.93	3.34	0.58	0.16	7.01	0.25							1.40	177.89	539.67		0
LES019	LES019AU0	UG2	N1442	UG2B	1576.97	1577.17	0.20	0.91	0.18	3.66	5.25	6.84	1.00	0.28	13.37	0.18	3.72	2.49	2.10	0.43	0.11	5.13	1.58	242.35	782.02	3.53	809.763
LES019	LES019AU0	UG2	N1444	UG2PEG	1577.17	1577.37	0.20	0.91	0.18	3.18	0.89	2.27	0.20	0.09	3.45	0.18											
LES019	LES019AU0	UG2	N1445	UG2PEG	1577.37	1577.57	0.20	0.91	0.18	3.20	0.68	2.06	0.09	0.08	2.91	0.18											
LES019	LES019AU0	UG2	N1446	UG2PEG	1577.57	1577.77	0.20	0.91	0.18	3.18	0.09	0.30	0.01	0.06	0.46	0.18											
LES019	LES019AU0	UG2	N1447	UG2PEG	1577.77	1577.97	0.20	0.91	0.18	3.05	0.04	0.13	0.01	0.05	0.23	0.18											
LES019	LES019AU0	UG2	N1448	UG2PEG	1577.97	1578.24	0.27	0.91	0.24	2.98	0.10	0.03	0.02	0.01	0.16	0.24											
LES019	LES019AU0	UG2	N1450	UG2PEG	1578.24	1578.46	0.22	0.91	0.20	3.04	0.27	0.49	0.02	0.07	0.85	0.20											
LES019	LES019AU0	UG2	N1451	FW13	1578.46	1578.65	0.19	0.91	0.17	2.80	0.07	0.07	0.01	0.01	0.16	0.17											
LES019	LES019AU0	UG2	N1452	FW13	1578.65	1578.85	0.20	0.91	0.18	2.78	0.19	0.20	0.02	0.01	0.42	0.18											
LES019	LES019AU3	UG2	N1484	UG2PX2	1574.07	1574.26	0.19	0.91	0.17	3.26	0.16	0.06	0.01	0.01	0.24	0.17											
LES019	LES019AU3	UG2	N1485	UG2PX2	1574.26	1574.46	0.20	0.91	0.18	3.26	0.12	0.08	0.01	0.01	0.22	0.18											
LES019	LES019AU3	UG2	N1486	UG2L	1574.46	1574.74	0.28	0.91	0.25	3.52	1.41	0.96	0.23	0.02	2.62	0.25											
LES019	LES019AU3	UG2	N1487	UG2PX1	1574.74	1574.95	0.21	0.91	0.19	3.20	0.17	0.05	0.03	0.01	0.26	0.19											
LES019	LES019AU3	UG2	N1488	UG2PX1	1574.95	1575.19	0.24	0.91	0.22	3.22	0.14	0.02	0.02	0.01	0.19	0.22											
LES019	LES019AU3	UG2	N1490	UG2PX1	1575.19	1575.40	0.21	0.91	0.19	3.27	0.20	0.05	0.04	0.01	0.30	0.19											
LES019	LES019AU3	UG2	N1491	UG2PX1	1575.40	1575.61	0.21	0.91	0.19	3.23	0.16	0.03	0.03	0.01	0.23	0.19											
LES019	LES019AU3	UG2	N1492	UG2A	1575.61	1575.85	0.24	0.91	0.22	3.73	1.85	0.13	0.23	0.01	2.22	0.22							0.22	48.29	48.29		0
LES019	LES019AU3	UG2	N1493	UG2A	1575.85	1576.04	0.19	0.91	0.17	3.80	3.63	1.20	0.45	0.05	5.33	0.17							0.39	91.78	140.07		0
LES019	LES019AU3	UG2	N1495	UG2MPX	1576.04	1576.25	0.21	0.91	0.19	3.24	0.17	0.46	0.02	0.03	0.68	0.19							0.58	12.94	153.01		0
LES019	LES019AU3	UG2	N1496	UG2MPX	1576.25	1576.43	0.18	0.91	0.16	3.26	0.02	0.02	0.01	0.01	0.06	0.16							0.74	0.98	153.99		0
LES019	LES019AU3	UG2	N1497	UG2B	1576.43	1576.64	0.21	0.91	0.19	3.83	3.57	4.37	0.64	0.23	8.81	0.19							0.93	167.68	321.67		0
LES019	LES019AU3	UG2	N1498	UG2B	1576.64	1576.89	0.25	0.91	0.23	4.01	3.06	2.20	0.55	0.11	5.92	0.23							1.16	134.13	455.80		0
LES019	LES019AU3	UG2	N1500	UG2B	1576.89	1577.11	0.22	0.91	0.20	4.00	2.45	2.38	0.48	0.11	5.42	0.20							1.36	108.07	563.87		0
LES019	LES019AU3	UG2	N1501	UG2B	1577.11	1577.31	0.20	0.91	0.18	3.72	6.71	6.83	1.01	0.15	14.70	0.18	3.74	2.77	2.25	0.44	0.09	5.55	1.54	266.45	830.32	3.60	855.375
LES019	LES019AU3	UG2	N1502	UG2PEG	1577.31	1577.52	0.21	0.91	0.19	3.26	0.42	0.40	0.09	0.01	0.92	0.19											
LES019	LES019AU3	UG2	N1503	UG2PEG	1577.52	1577.70	0.18	0.91	0.16	3.23	0.12	0.04	0.03	0.01	0.20	0.16											
LES019	LES019AU3	UG2	N1504	UG2PEG	1577.70	1577.92	0.22	0.91	0.20	3.14	0.55	0.89	0.09	0.02	1.55	0.20											
LES019	LES019AU3	UG2	N1506	UG2PEG	1577.92	1578.12	0.20	0.91	0.18	3.22	0.28	0.58	0.04	0.04	0.94	0.18											
LES019	LES019AU3	UG2	N1507	UG2PEG	1578.12	1578.31	0.19	0.91	0.17	3.24	0.27	0.67	0.05	0.02	1.01	0.17											
LES019	LES019AU3	UG2	N1508	UG2PEG	1578.31	1578.51	0.20	0.91	0.18	3.20	0.77	0.93	0.23	0.72	2.65	0.18											
LES019	LES019AU3	UG2	N1509	UG2PEG	1578.51	1578.71	0.20	0.91	0.18	3.17	0.35	0.60	0.04	0.07	1.06	0.18											
LES019	LES019AU3	UG2	N1510	FW13	1578.71	1578.90	0.19	0.91	0.17	2.81	0.08	0.06	0.01	0.01	0.16	0.17											
LES019	LES019AU3	UG2	N1511	FW13	1578.90	1579.10	0.20	0.91	0.18	2.80	0.17	0.17	0.01	0.01	0.36	0.18											
LES019	LES019AU4	UG2	N1453	UG2PX2	1573.05	1573.25	0.20	0.91	0.18	3.31	1.14	1.11	0.09	0.04	2.38	0.18											
LES019	LES019AU4	UG2	N1454	UG2PX2	1573.25	1573.45	0.20	0.91	0.18	3.31	0.12	0.04	0.01	0.01	0.18	0.18											
LES019	LES019AU4	UG2	N1455	UG2L	1573.45	1573.75	0.30	0.91	0.27	3.52	1.20	0.37	0.20	0.01	1.78	0.27											
LES019	LES019AU4	UG2	N1456	UG2PX1	1573.75	1573.96	0.21	0.91	0.19	3.25	0.23	0.03	0.04	0.01	0.31	0.19											

LES019	LES019AU4	UG2	N1457	UG2PX1	1573.96	1574.20	0.24	0.91	0.22	3.22	0.11	0.02	0.01	0.01	0.15	0.22											
LES019	LES019AU4	UG2	N1459	UG2PX1	1574.20	1574.43	0.23	0.91	0.21	3.32	0.24	0.04	0.04	0.01	0.33	0.21											
LES019	LES019AU4	UG2	N1460	UG2PX1	1574.43	1574.64	0.21	0.91	0.19	3.31	0.22	0.04	0.04	0.01	0.31	0.19											
LES019	LES019AU4	UG2	N1461	UG2A	1574.64	1574.85	0.21	0.91	0.19	3.85	2.09	0.38	0.28	0.01	2.76	0.19							0.19	52.53	52.53		0
LES019	LES019AU4	UG2	N1462	UG2A	1574.85	1575.06	0.21	0.91	0.19	3.81	3.65	0.29	0.47	0.01	4.42	0.19							0.38	84.12	136.65		0
LES019	LES019AU4	UG2	N1463	UG2MPX	1575.06	1575.26	0.20	0.91	0.18	3.24	0.03	0.06	0.01	0.04	0.14	0.18							0.56	2.54	139.19		0
LES019	LES019AU4	UG2	N1464	UG2MPX	1575.26	1575.44	0.18	0.91	0.16	3.29	0.03	0.04	0.01	0.01	0.09	0.16							0.73	1.47	140.66		0
LES019	LES019AU4	UG2	N1466	UG2MPX	1575.44	1575.64	0.20	0.91	0.18	3.29	3.06	3.68	0.24	0.33	7.31	0.18							0.91	132.50	273.16		0
LES019	LES019AU4	UG2	N1467	UG2B	1575.64	1575.84	0.20	0.91	0.18	3.68	4.49	7.29	0.63	0.79	13.20	0.18							1.09	239.27	512.43		0
LES019	LES019AU4	UG2	N1468	UG2B	1575.84	1576.01	0.17	0.91	0.15	3.98	1.80	1.60	0.40	0.07	3.87	0.15							1.24	59.63	572.05		0
LES019	LES019AU4	UG2	N1469	UG2B	1576.01	1576.19	0.18	0.91	0.16	4.05	3.10	3.45	0.56	0.14	7.25	0.16							1.40	118.27	690.33		0
LES019	LES019AU4	UG2	N1470	UG2B	1576.19	1576.39	0.20	0.91	0.18	3.74	7.30	7.16	1.01	0.20	15.67	0.18	3.68	2.96	2.71	0.42	0.18	6.26	1.59	284.04	974.36	4.29	993.368
LES019	LES019AU4	UG2	N1472	UG2PEG	1576.39	1576.59	0.20	0.91	0.18	3.25	0.10	0.12	0.02	0.02	0.26	0.18											
LES019	LES019AU4	UG2	N1473	UG2PEG	1576.59	1576.79	0.20	0.91	0.18	3.04	0.16	0.37	0.03	0.03	0.59	0.18											
LES019	LES019AU4	UG2	N1474	UG2PEG	1576.79	1576.99	0.20	0.91	0.18	3.18	0.04	0.03	0.01	0.01	0.09	0.18											
LES019	LES019AU4	UG2	N1475	UG2PEG	1576.99	1577.18	0.19	0.91	0.17	3.24	0.04	0.03	0.01	0.01	0.09	0.17											
LES019	LES019AU4	UG2	N1477	UG2PEG	1577.18	1577.36	0.18	0.91	0.16	3.27	0.39	1.16	0.08	0.07	1.70	0.16											
LES019	LES019AU4	UG2	N1479	UG2PEG	1577.36	1577.56	0.20	0.91	0.18	3.27	0.75	0.16	0.15	0.02	1.08	0.18											
LES019	LES019AU4	UG2	N1480	UG2PEG	1577.56	1577.76	0.20	0.91	0.18	3.14	0.78	2.55	0.08	0.25	3.66	0.18											
LES019	LES019AU4	UG2	N1481	FW13	1577.76	1577.96	0.20	0.91	0.18	2.83	0.90	5.09	0.08	0.35	6.42	0.18											
LES019	LES019AU4	UG2	N1482	FW13	1577.96	1578.12	0.16	0.91	0.15	2.79	0.11	0.24	0.01	0.01	0.37	0.15											
LES021	LES021M0	Mere	N1974	MID1	1161.65	1161.85	0.20	0.85	0.17	2.87	0.01	0.01	0.01	0.02	0.05	0.17											
LES021	LES021M0	Mere	N1975	MID1	1161.85	1162.04	0.19	0.85	0.16	2.89	0.01	0.01	0.01	0.04	0.07	0.16											
LES021	LES021M0	Mere	N1976	HWPX	1162.04	1162.23	0.19	0.85	0.16	3.02	0.05	0.02	0.01	0.06	0.14	0.16											
LES021	LES021M0	Mere	N1978	HWPX	1162.23	1162.43	0.20	0.85	0.17	3.14	0.10	0.04	0.01	0.12	0.27	0.17											
LES021	LES021M0	Mere	N1979	HWPX	1162.43	1162.65	0.22	0.85	0.19	3.27	0.13	0.07	0.01	0.13	0.34	0.19											
LES021	LES021M0	Mere	N1980	HWPX	1162.65	1162.85	0.20	0.85	0.17	3.27	2.68	1.09	0.14	0.13	4.04	0.17											
LES021	LES021M0	Mere	N1981	HWPX	1162.85	1163.09	0.24	0.85	0.20	3.25	4.29	2.37	0.29	0.24	7.19	0.20							0.20	146.34	146.34		0
LES021	LES021M0	Mere	N1982	HWPX	1163.09	1163.29	0.20	0.85	0.17	3.18	1.61	0.84	0.10	0.18	2.73	0.17							0.37	46.30	192.64		0
LES021	LES021M0	Mere	N1983	HWPX	1163.29	1163.50	0.21	0.85	0.18	3.16	2.27	1.67	0.11	0.24	4.29	0.18							0.55	76.40	269.04		0
LES021	LES021M0	Mere	N1984	M1PX	1163.50	1163.75	0.25	0.85	0.21	3.30	5.39	2.63	0.31	0.44	8.77	0.21							0.76	185.93	454.98		0
LES021	LES021M0	Mere	N1986	M2PEG	1163.75	1163.92	0.17	0.85	0.14	3.24	6.93	3.31	0.62	0.38	11.24	0.14							0.91	162.05	617.02		0
LES021	LES021M0	Mere	N1987	M2PEG	1163.92	1164.08	0.16	0.85	0.14	3.27	4.83	3.54	0.41	0.19	8.97	0.14							1.04	121.71	738.73		0
LES021	LES021M0	Mere	N1988	FWPX	1164.08	1164.28	0.20	0.85	0.17	3.26	1.17	0.89	0.09	0.12	2.27	0.17							1.21	38.50	777.24		0
LES021	LES021M0	Mere	N1989	FWPX	1164.28	1164.48	0.20	0.85	0.17	3.27	3.29	2.15	0.21	0.29	5.94	0.17							1.38	100.75	877.98		0
LES021	LES021M0	Mere	N1990	FWPX	1164.48	1164.68	0.20	0.85	0.17	3.27	2.30	1.75	0.15	0.19	4.39	0.17	3.25	3.55	2.10	0.25	0.26	6.15	1.55	74.46	952.44	4.66	955.067
LES021	LES021M0	Mere	N1991	FWPX	1164.68	1164.87	0.19	0.85	0.16	3.25	0.04	0.02	0.01	0.01	0.08	0.16											
LES021	LES021M0	Mere	N1993	FWPX	1164.87	1165.07	0.20	0.85	0.17	3.21	0.06	0.04	0.01	0.01	0.12	0.17											
LES021	LES021M0	Mere	N1994	FWPX	1165.07	1166.08	1.01	0.85	0.86	3.20	0.04	0.02	0.01	0.01	0.08	0.86											
LES021	LES021M0	Mere	N1995	FWPX	1166.08	1167.08	1.00	0.85	0.85	3.17	0.11	0.04	0.01	0.04	0.2	0.85											
LES021	LES021M0	Mere	N1996	FWPX	1167.08	1168.09	1.01	0.85	0.86	3.21	0.23	0.03	0.01	0.03	0.3	0.86											
LES021	LES021M0	Mere	N1997	FWPX	1168.09	1169.10	1.01	0.85	0.86	3.20	0.01	0.01	0.01	0.01	0.04	0.86											
LES021	LES021M0	Mere	N1999	FWPX	1169.10	1170.10	1.00	0.85	0.85	3.24	0.01	0.01	0.01	0.01	0.04	0.85											
LES021	LES021M0	Mere	N2000	FWPX	1170.10	1171.10	1.00	0.85	0.85	3.24	0.01	0.01	0.01	0.01	0.04	0.85											
LES021	LES021M0	Mere	N2001	FWPX	1171.10	1172.07	0.97	0.85	0.82	3.25	0.01	0.01	0.01	0.01	0.04	0.82											
LES021	LES021M0	Mere	N2002	FWPX	1172.07	1173.00	0.93	0.85	0.79	3.25	0.01	0.01	0.01	0.01	0.04	0.79											
LES021	LES021M0	Mere	N2003	FWPX	1173.00	1173.42	0.42	0.85	0.36	3.14	0.01	0.01	0.01	0.01	0.04	0.36											
LES021	LES021M0	Mere	N2005	FW1	1173.42	1173.62	0.20	0.85	0.17	2.80	0.01	0.01	0.01	0.01	0.04	0.17											
LES021	LES021M0	Mere	N2006	FW1	1173.62	1173.82	0.20	0.85	0.17	2.76	0.01	0.01	0.01	0.01	0.04	0.17											
LES021	LES021M3	Mere	N1929	MID1	1161.62	1161.82	0.20	0.87	0.17	2.96	0.02	0.01	0.01	0.02	0.06	0.17											
LES021	LES021M3	Mere	N1930	MID1	1161.82	1162.02	0.20	0.87	0.17	3.00	0.01	0.01	0.01	0.03	0.06	0.17											
LES021	LES021M3	Mere	N1931	HWPX	1162.02	1162.23	0.21	0.87	0.18	3.19	0.07	0.03	0.01	0.08	0.19	0.18											
LES021	LES021M3	Mere	N1933	HWPX	1162.23	1162.43	0.20	0.87	0.17	3.26	0.13	0.05	0.01	0.13	0.32	0.17											
LES021	LES021M3	Mere	N1934	HWPX	1162.43	1162.60	0.17	0.87	0.15	3.24	0.12	0.07	0.01	0.09	0.29	0.15											
LES021	LES021M3	Mere	N1935	MI1PX	1162.60	1162.83	0.23	0.87	0.20	3.31	5.74	3.17	0.23	1.36	10.5	0.20							0.20	209.15	209.15		0
LES021	LES021M3	Mere	N1937	M2PEG	1162.83	1163.02	0.19	0.87	0.16	3.24	5.99	2.23	0.41	0.59	9.22	0.16							0.36	151.71	360.86		0
LES021	LES021M3	Mere	N1938	FWPX	1163.02	1163.22	0.20	0.87	0.17	3.23	0.05	0.04	0.01	0.01	0.11	0.17							0.54	1.91	362.76		0
LES021	LES021M3	Mere	N1939	FWPX	1163.22	1163.43	0.21	0.87	0.18	3.31	1.97	1.42	0.10	0.28	3.77	0.18							0.72	68.56	431.32		0
LES021	LES021M3	Mere	N1940	FWPX	1163.43	1163.63	0.20	0.87	0.17	3.25	0.12	0.12	0.01	0.04	0.29	0.17							0.89	5.02	436.35		0
LES021	LES021M3	Mere	N1942	FWPX	1163.63	1163.83	0.20	0.87	0.17	3.29	0.61	0.50	0.04	0.07	1.22	0.17	3.27	2.47	1.29	0.13	0.42	4.31	1.07	21.13	457.48	2.01	459.113
LES021	LES021M3	Mere	N1943	FWPX	1163.83	1164.01	0.18	0.87	0.16	3.20	0.58	0.45	0.02	0.03	1.08	0.16											
LES021	LES021M3	Mere	N1944	FWPX	1164.01	1164.20	0.19	0.87	0.16	3.22	0.06	0.04	0.01	0.01	0.12	0.16											
LES021	LES021M3	Mere	N1946	FWPX	1164.20	1164.41	0.21	0.87	0.18	3.23	0.01	0.01	0.01	0.01	0.04	0.18											
LES021	LES021M3	Mere	N1947	FWPX	1164.41	1164.61	0.20	0.87	0.17	3.22	0.01	0.01	0.01	0.01	0.04	0.17											
LES021	LES021M3	Mere	N1948	FWPX	1164.61	1164.81	0.20	0.87	0.17	3.14	0.01	0.01	0.01	0.01	0.04	0.17											
LES021	LES021M6	Mere	N1949	MID1	1162.95	1163.15	0.20	0.85	0.17	2.98	0.02	0.01	0.01	0.02	0.06	0.17											
LES021	LES021M6	Mere	N1950	MID1	1163.15	1163.35	0.20	0.85	0.17	2.98	0.02	0.01	0.01	0.02	0.06	0.17											
LES021	LES021M6	Mere	N1952	HWPX	1163.35	1163.54	0.19	0.85	0.16	3.23	0.08	0.04	0.01	0.08	0.21	0.16											
LES021	LES021M6	Mere	N1953	HWPX	1163.54	1163.74	0.20	0.85	0.17	3.24	0.09	0.03	0.01	0.09	0.22	0.17											
LES021	LES021M6	Mere	N1954	HWPX	1163.74	1163.94	0.20	0.85	0.17	3.24	0.12	0.05	0.01	0.12	0.3	0.17											
LES021	LES021M6	Mere	N1955	HWPX	1163.94	1164.14	0.20	0.85	0.17	3.27	0.11	0.05	0.01	0.11	0.28	0.17											
LES021	LES021M6	Mere	N1957	HWPX	1164.14	1164.34	0.20	0.85	0.17	3.14	0.12	0.08	0.03	0.08	0.31	0.17											
LES021	LES021M6	Mere	N1958	HWPX	1164.34	1164.55	0.21	0.85	0.18	3.07	0.60	0.47	0.03	0.13	1.23	0.18											
LES021	LES021M6	Mere	N1959	M1PX	1164.55	1164.79	0.24	0.85	0.20	3.29	6.32	3.38	0.26	0.48	10.44	0.20							0.20	212.49	212.49		0
LES021	LES021M6	Mere	N1960	M2PEG	1164.79	1165.02	0.23	0.85	0.20	3.16	5.51	2.42	0.32	0.98	9.23	0.20							0.40	180.03	392.52		0
LES021	LES021M6	Mere	N1962	FWPX	1165.02	1165.22	0.20	0.85	0.17	3.31	6.75	3.90	0.33	0.76	11.74	0.17							0.57	199.12	591.64		0
LES021	LES021M6	Mere	N1963	FWPX	1165.22	1165.42	0.20	0.85	0.17	3.27	5.18	3.42	0.21	1.11	9.92	0.17							0.74	168.25	759.89		0
LES021	LES021M6	Mere	N1964	FWPX	1165.42	1165.62	0.20	0.85	0.17	3.30	5.06	3.96	0.26	0.78	10.06	0.17							0.91	170.63	930.52		0
LES021	LES021M6	Mere	N1965	FWPX	1165.62	1165.82	0.20	0.85	0.17	3.31	5.77	3.28	0.24	0.47	9.76	0.17	3.27	5.78	3.38	0.27	0.76	10.18	1.08	165.54	1096.06	4.90	1096.93
LES021	LES021M6	Mere	N1966	FWPX	1165.82	1166.03	0.21	0.85	0.18	3.24	0.13	0.11	0.01	0.04	0.29	0.18											
LES021	LES021M6	Mere	N1967	FWPX	1166.03	1166.23	0.20	0.85	0.17	3.28	0.85	0.49	0.04	0.05	1.43	0.17											
LES021	LES021M6	Mere	N1969	FWPX	1166.23	1166.44	0.21	0.85	0.18	3.24	0.24	0.21	0.02	0.03	0.5	0.18											
LES021	LES021M6	Mere	N1970	FWPX	1166.44	1166.64	0.20	0.85	0.17	3.25	0.02	0.03	0.01	0.01	0.07	0.17											
LES021	LES021M6	Mere	N1971	FWPX	1166.64	1166.83	0.19	0.85	0.16	3.27	0.01	0.01	0.01	0.01	0.04	0.16											
LES021	LES021M6	Mere	N1972	FWPX	1166.83	1167.03	0.20	0.85	0.17	3.27	0.01	0.01	0.01	0.01	0.04	0.17											
LES021	LES021M6	Mere	N1973	FWPX	1167.03	1167.23	0.20	0.85	0.17	3.25	0.01	0.01	0.01	0.01	0.04	0.17											
LES021	LES021U0	UG2	N3007	UG2HZ2	1443.50	1443.65	0.15	0.77	0.11	3.16	0.08	0.03	0.01	0.01	0.13	0.11											
LES021	LES021U0	UG2	N3008	UG2HZ2	1443.65	1443.84	0.19	0.77	0.15	3.13	0.19	0.10	0.01	0.01	0.31	0.15											
LES021	LES021U0	UG2	N3009	UG2L	1443.84	1444.00	0.16	0.77	0.12	3.63	1.78	1.02	0.23	0.03	3.06	0.12											
LES021	LES021U0	UG2	N3011	UG2L	1444.00	1444.18	0.18	0.77	0.14	3.63	1.27	1.88	0.23	0.03	3.41	0.14											
LES021	LES021U0	UG2	N3012	UG2PX1	1444.18	1444.39	0.21	0.77	0.16	3.25	0.20	0.05	0.04	0.01	0.3	0.16											
LES021	LES021U0	UG2	N3013	UG2PX1	1444.39	1444.89	0.50	0.77	0.38	3.26	0.15	0.04	0.03	0.01	0.23	0.38											
LES021	LES021U0	UG2	N3014	UG2PX1	1444.89	1445.39	0.50	0.77	0.38	3.19	0.14	0.04	0.03	0.01	0.22	0.38											
LES021	LES021U0	UG2	N3015	UG2PX1	1445.39	1445.89	0.50	0.77	0.38	3.18	0.06	0.03	0.01	0.01	0.11	0.38											
LES021	LES021U0	UG2	N3016	UG2PX1	1445.89	1446.15	0.26	0.77	0.20	3.18	0.05	0.02	0.01	0.01	0.09	0.20											
LES021	LES021U0	UG2	N3017	UG2PX1	1446.15	1446.34	0.19	0.77	0.15	3.23	0.09	0.03	0.01	0.01	0.14	0.15											
LES021	LES021U0	UG2	N3019	UG2A	1446.34	1446.57	0.23	0.77	0.18	3.81	1.93	0.16	0.28	0.01	2.38	0.18							0.18	41.93	41.93		0
LES021	LES021U0	UG2	N3020	UG2A	1446.57	1446.83	0.26	0.77	0.20	3.85	3.73	1.45	0.52	0.05	5.75	0.20							0.38	114.52	156.46		0
LES021	LES021U0	UG2	N3021	UG2MPX	1446.83	1447.03	0.20	0.77	0.15	3.25	0.52	0.67	0.07	0.03	1.29	0.15							0.53	19.76	176.22		0
LES021	LES021U0	UG2	N3022	UG2MPX	1447.03	1447.26	0.23	0.77	0.18	3.21	0.06	0.03	0.01	0.01	0.11	0.18							0.70	1.94	178.16		0
LES021	LES021U0	UG2	N3023	UG2MPX	1447.26	1447.50	0.24	0.77	0.18	3.22	0.09	0.04	0.01	0.01	0.15	0.18							0.89	2.76	180.92		0
LES021	LES021U0	UG2	N3024	UG2MPX	1447.50	1447.68	0.18	0.77	0.14	3.23	0.62	0.81	0.06	0.13	1.62	0.14							1.03	22.34	203.25		0
LES021	LES021U0	UG2	N3026	UG2B	1447.68	1447.89	0.21	0.77	0.16	3.72	3.58	4.18	0.57	0.31	8.64	0.16							1.19	138.99	342.25		0
LES021	LES021U0	UG2	N3027	UG2B	1447.89	1448.10	0.21	0.77	0.16	3.94	3.06	2.80	0.57	0.12	6.55	0.16							1.35	105.37	447.62		0
LES021	LES021U0	UG2	N3028	UG2B	1448.10	1448.30	0.20	0.77	0.15	4.05	2.68	1.70	0.53	0.07	4.98	0.15							1.50	76.30	523.91		0
LES021	LES021U0	UG2	N3029	UG2B	1448.30	1448.51	0.21	0.77	0.16	4.19	1.79	1.81	0.45	0.10	4.15	0.16							1.66	66.76	590.67		0
LES021	LES021U0	UG2	N3030	UG2B	1448.51	1448.71	0.20	0.77	0.15	4.21	3.53	4.44	0.68	0.18	8.83	0.15							1.82	135.28	725.96		0
LES021	LES021U0	UG2	N3031	UG2B	1448.71	1448.91	0.20	0.77	0.15	3.81	6.97	7.25	1.07	0.20	15.49	0.15	3.74	2.48	2.14	0.42	0.10	5.14	1.97	237.32	963.28	4.62	1011.24
LES021	LES021U0	UG2	N3033	UG2PEG	1448.91	1449.09	0.18	0.77	0.14	3.35	2.02	1.63	0.47	0.08	4.2	0.14											
LES021	LES021U0	UG2	N3034	UG2PEG	1449.09	1449.28	0.19	0.77	0.15	3.16	0.65	1.22	0.19	0.03	2.09	0.15											
LES021	LES021U0	UG2	N3035	UG2PEG	1449.28	1449.48	0.20	0.77	0.15	3.15	1.02	1.58	0.15	0.08	2.83	0.15											
LES021	LES021U0	UG2	N3036	UG2PEG	1449.48	1449.68	0.20	0.77	0.15	3.13	0.06	0.07	0.02	0.02	0.17	0.15											
LES021	LES021U0	UG2	N3037	UG2PEG	1449.68	1449.88	0.20	0.77	0.15	3.12	0.02	0.05	0.01	0.02	0.1	0.15											
LES021	LES021U0	UG2	N3038	UG2PEG	1449.88	1450.10	0.22	0.77	0.17	3.19	0.06	0.21	0.01	0.03	0.31	0.17											

LES021	LES021U0	UG2	N3040	UG2PEG	1450.10	1450.31	0.21	0.77	0.16	3.24	0.04	0.04	0.01	0.01	0.1	0.16											
LES021	LES021U0	UG2	N3041	UG2PEG	1450.31	1450.54	0.23	0.77	0.18	3.22	0.03	0.01	0.01	0.01	0.06	0.18											
LES021	LES021U0	UG2	N3042	UG2PEG	1450.54	1450.73	0.19	0.77	0.15	3.20	0.02	0.01	0.01	0.01	0.05	0.15											
LES021	LES021U0	UG2	N3043	UG2PEG	1450.73	1450.94	0.21	0.77	0.16	3.21	0.02	0.01	0.01	0.01	0.05	0.16											
LES021	LES021U0	UG2	N3044	UG2PEG	1450.94	1451.15	0.21	0.77	0.16	3.22	0.01	0.01	0.01	0.01	0.04	0.16											
LES021	LES021U0	UG2	N3045	UG2PEG	1451.15	1451.40	0.25	0.77	0.19	3.25	0.01	0.01	0.01	0.01	0.04	0.19											
LES021	LES021U0	UG2	N3047	UG2PEG	1451.40	1451.66	0.26	0.77	0.20	3.20	0.08	0.03	0.02	0.01	0.14	0.20											
LES021	LES021U0	UG2	N3048	UG2PEG	1451.66	1451.90	0.24	0.77	0.18	3.14	0.08	0.04	0.02	0.01	0.15	0.18											
LES021	LES021U0	UG2	N3049	FW13	1451.90	1452.12	0.22	0.77	0.17	2.89	0.15	0.04	0.04	0.01	0.24	0.17											
LES021	LES021U0	UG2	N3050	FW13	1452.12	1452.31	0.19	0.77	0.15	3.00	0.01	0.01	0.01	0.01	0.04	0.15											
LES021	LES021U3	UG2	N1893	UG2HZ2	1443.28	1443.47	0.19	0.77	0.15	3.19	0.10	0.07	0.01	0.01	0.19	0.15											
LES021	LES021U3	UG2	N1894	UG2HZ2	1443.47	1443.67	0.20	0.77	0.15	3.20	0.13	0.12	0.01	0.02	0.28	0.15											
LES021	LES021U3	UG2	N1895	UG2L	1443.67	1443.86	0.19	0.77	0.15	3.48	1.15	0.98	0.15	0.04	2.32	0.15											
LES021	LES021U3	UG2	N1897	UG2PX1	1443.86	1444.04	0.18	0.77	0.14	3.72	1.48	0.76	0.28	0.02	2.54	0.14											
LES021	LES021U3	UG2	N1898	UG2PX1	1444.04	1444.24	0.20	0.77	0.15	3.22	0.17	0.04	0.03	0.01	0.25	0.15											
LES021	LES021U3	UG2	N1899	UG2PX1	1444.24	1444.80	0.56	0.77	0.43	3.22	0.13	0.04	0.01	0.01	0.19	0.43											
LES021	LES021U3	UG2	N1900	UG2PX1	1444.80	1445.37	0.57	0.77	0.44	3.22	0.11	0.03	0.02	0.01	0.17	0.44											
LES021	LES021U3	UG2	N1901	UG2PX1	1445.37	1445.96	0.59	0.77	0.45	3.17	0.05	0.02	0.01	0.01	0.09	0.45											
LES021	LES021U3	UG2	N1902	UG2PX1	1445.96	1446.15	0.19	0.77	0.15	3.12	0.06	0.04	0.01	0.01	0.12	0.15											
LES021	LES021U3	UG2	N1904	UG2A	1446.15	1446.35	0.20	0.77	0.15	3.65	1.32	0.11	0.19	0.01	1.63	0.15							0.15	24.97	24.97		0
LES021	LES021U3	UG2	N1905	UG2A	1446.35	1446.53	0.18	0.77	0.14	3.99	3.09	0.49	0.41	0.02	4.01	0.14							0.29	55.29	80.27		0
LES021	LES021U3	UG2	N1906	UG2A	1446.53	1446.73	0.20	0.77	0.15	3.82	3.29	0.69	0.40	0.02	4.4	0.15							0.44	67.41	147.68		0
LES021	LES021U3	UG2	N1907	UG2MPX	1446.73	1446.93	0.20	0.77	0.15	3.24	0.13	0.17	0.01	0.01	0.32	0.15							0.60	4.90	152.58		0
LES021	LES021U3	UG2	N1908	UG2MPX	1446.93	1447.15	0.22	0.77	0.17	3.25	0.07	0.02	0.01	0.01	0.11	0.17							0.77	1.85	154.43		0
LES021	LES021U3	UG2	N1909	UG2MPX	1447.15	1447.36	0.21	0.77	0.16	3.25	0.01	0.01	0.01	0.01	0.04	0.16							0.93	0.64	155.08		0
LES021	LES021U3	UG2	N1910	UG2MPX	1447.36	1447.56	0.20	0.77	0.15	3.25	0.36	0.20	0.05	0.03	0.64	0.15							1.08	9.81	164.88		0
LES021	LES021U3	UG2	N1912	UG2B	1447.56	1447.81	0.25	0.77	0.19	3.79	3.34	4.01	0.55	0.23	8.13	0.19							1.27	155.70	320.58		0
LES021	LES021U3	UG2	N1913	UG2B	1447.81	1448.06	0.25	0.77	0.19	4.06	2.67	1.63	0.53	0.05	4.88	0.19							1.46	93.46	414.04		0
LES021	LES021U3	UG2	N1915	UG2B	1448.06	1448.26	0.20	0.77	0.15	4.09	1.93	1.80	0.41	0.07	4.21	0.15							1.62	64.50	478.54		0
LES021	LES021U3	UG2	N1916	UG2B	1448.26	1448.48	0.22	0.77	0.17	3.92	4.73	5.50	0.84	0.18	11.25	0.17	3.70	2.06	1.51	0.34	0.07	3.97	1.78	189.60	668.14	3.06	708.955
LES021	LES021U3	UG2	N1917	UG2PEG	1448.48	1448.68	0.20	0.77	0.15	3.33	0.86	0.73	0.20	0.03	1.82	0.15											
LES021	LES021U3	UG2	N1918	UG2PEG	1448.68	1448.88	0.20	0.77	0.15	3.25	0.18	0.12	0.05	0.01	0.36	0.15											
LES021	LES021U3	UG2	N1919	UG2PEG	1448.88	1449.08	0.20	0.77	0.15	3.18	0.11	0.04	0.02	0.02	0.19	0.15											
LES021	LES021U3	UG2	N1920	UG2PEG	1449.08	1449.27	0.19	0.77	0.15	3.07	0.07	0.07	0.01	0.01	0.16	0.15											
LES021	LES021U3	UG2	N1921	UG2PEG	1449.27	1449.47	0.20	0.77	0.15	3.18	0.04	0.03	0.01	0.01	0.09	0.15											
LES021	LES021U3	UG2	N1922	UG2PEG	1449.47	1449.99	0.52	0.77	0.40	3.18	0.04	0.02	0.01	0.01	0.08	0.40											
LES021	LES021U3	UG2	N1924	UG2PEG	1449.99	1450.49	0.50	0.77	0.38	3.22	0.01	0.01	0.01	0.01	0.04	0.38											
LES021	LES021U3	UG2	N1925	UG2PEG	1450.49	1451.06	0.57	0.77	0.44	3.18	0.02	0.01	0.01	0.01	0.05	0.44											
LES021	LES021U3	UG2	N1926	UG2PEG	1451.06	1451.69	0.63	0.77	0.48	2.89	0.06	0.02	0.02	0.01	0.11	0.48											
LES021	LES021U3	UG2	N1927	FW13	1451.69	1451.86	0.17	0.77	0.13	3.01	0.03	0.62	0.01	0.01	0.67	0.13											
LES021	LES021U3	UG2	N1928	FW13	1451.86	1452.06	0.20	0.77	0.15	3.04	0.03	0.06	0.01	0.01	0.11	0.15											
LES021	LES021U5	UG2	N3051	UG2HZ2	1442.30	1442.49	0.19	0.77	0.15	3.24	0.20	0.06	0.01	0.01	0.28	0.15											
LES021	LES021U5	UG2	N3052	UG2HZ2	1442.49	1442.69	0.20	0.77	0.15	3.18	0.16	0.15	0.01	0.01	0.33	0.15											
LES021	LES021U5	UG2	N3053	UG2L	1442.69	1442.90	0.21	0.77	0.16	3.58	1.42	1.24	0.23	0.05	2.94	0.16											
LES021	LES021U5	UG2	N3055	UG2L	1442.90	1443.11	0.21	0.77	0.16	3.57	1.00	0.86	0.20	0.03	2.09	0.16											
LES021	LES021U5	UG2	N3056	UG2PX1	1443.11	1443.37	0.26	0.77	0.20	3.24	0.20	0.03	0.04	0.01	0.28	0.20											
LES021	LES021U5	UG2	N3057	UG2PX1	1443.37	1443.87	0.50	0.77	0.38	3.22	0.14	0.05	0.03	0.01	0.23	0.38											
LES021	LES021U5	UG2	N3059	UG2PX1	1443.87	1444.30	0.43	0.77	0.33	3.21	0.12	0.03	0.02	0.01	0.18	0.33											
LES021	LES021U5	UG2	N3060	UG2PX1	1444.30	1444.87	0.57	0.77	0.44	3.31	0.09	0.02	0.02	0.01	0.14	0.44											
LES021	LES021U5	UG2	N3061	UG2PX1	1444.87	1445.12	0.25	0.77	0.19	3.19	0.07	0.01	0.01	0.01	0.1	0.19											
LES021	LES021U5	UG2	N3062	UG2A	1445.12	1445.32	0.20	0.77	0.15	3.69	1.25	0.08	0.20	0.01	1.54	0.15							0.15	23.59	23.59		0
LES021	LES021U5	UG2	N3063	UG2A	1445.32	1445.52	0.20	0.77	0.15	4.00	2.86	0.19	0.43	0.01	3.49	0.15							0.31	53.47	77.06		0
LES021	LES021U5	UG2	N3064	UG2A	1445.52	1445.72	0.20	0.77	0.15	3.73	3.35	0.56	0.45	0.03	4.39	0.15							0.46	67.26	144.32		0
LES021	LES021U5	UG2	N3066	UG2MPX	1445.72	1445.97	0.25	0.77	0.19	3.24	0.08	0.01	0.01	0.01	0.11	0.19							0.65	2.11	146.43		0
LES021	LES021U5	UG2	N3067	UG2MPX	1445.97	1446.24	0.27	0.77	0.21	3.25	0.08	0.01	0.01	0.01	0.11	0.21							0.86	2.28	148.70		0
LES021	LES021U5	UG2	N3068	UG2MPX	1446.24	1446.45	0.21	0.77	0.16	3.23	0.02	0.01	0.01	0.01	0.05	0.16							1.02	0.80	149.51		0
LES021	LES021U5	UG2	N3069	UG2MPX	1446.45	1446.65	0.20	0.77	0.15	2.67	0.01	0.01	0.01	0.01	0.04	0.15							1.17	0.61	150.12		0
LES021	LES021U5	UG2	N3071	UG2B	1446.65	1446.85	0.20	0.77	0.15	3.81	3.61	5.24	0.69	0.37	9.91	0.15							1.33	151.83	301.95		0
LES021	LES021U5	UG2	N3072	UG2B	1446.85	1447.09	0.24	0.77	0.18	3.96	2.69	1.92	0.53	0.09	5.23	0.18							1.51	96.15	398.11		0
LES021	LES021U5	UG2	N3074	UG2B	1447.09	1447.32	0.23	0.77	0.18	4.07	2.52	1.46	0.49	0.06	4.53	0.18							1.69	79.81	477.92		0
LES021	LES021U5	UG2	N3075	UG2B	1447.32	1447.56	0.24	0.77	0.18	4.19	2.16	2.27	0.45	0.10	4.98	0.18							1.87	91.56	569.48		0
LES021	LES021U5	UG2	N3076	UG2B	1447.56	1447.78	0.22	0.77	0.17	4.18	3.13	3.12	0.54	0.18	6.97	0.17							2.04	117.47	686.94		0
LES021	LES021U5	UG2	N3077	UG2B	1447.78	1448.00	0.22	0.77	0.17	3.86	5.58	6.30	1.13	0.19	13.2	0.17	3.73	2.20	1.73	0.40	0.09	4.42	2.21	222.46	909.40	4.20	974.15
LES021	LES021U5	UG2	N3078	UG2PEG	1448.00	1448.20	0.20	0.77	0.15	3.26	2.34	6.29	0.82	0.15	9.6	0.15											
LES021	LES021U5	UG2	N3079	UG2PEG	1448.20	1448.40	0.20	0.77	0.15	3.11	2.02	4.36	0.37	0.20	6.95	0.15											
LES021	LES021U5	UG2	N3080	UG2PEG	1448.40	1448.60	0.20	0.77	0.15	3.07	0.06	0.01	0.01	0.01	0.09	0.15											
LES021	LES021U5	UG2	N3081	UG2PEG	1448.60	1448.81	0.21	0.77	0.16	3.00	0.17	0.47	0.02	0.02	0.68	0.16											
LES021	LES021U5	UG2	N3083	UG2PEG	1448.81	1449.00	0.19	0.77	0.15	3.09	0.03	0.01	0.01	0.01	0.06	0.15											
LES021	LES021U5	UG2	N3084	UG2PEG	1449.00	1449.51	0.51	0.77	0.39	3.19	0.02	0.01	0.01	0.01	0.05	0.39											
LES021	LES021U5	UG2	N3085	UG2PEG	1449.51	1450.01	0.50	0.77	0.38	3.21	0.01	0.01	0.01	0.01	0.04	0.38											
LES021	LES021U5	UG2	N3086	UG2PEG	1450.01	1450.52	0.51	0.77	0.39	3.21	0.01	0.01	0.01	0.01	0.04	0.39											
LES021	LES021U5	UG2	N3087	UG2PEG	1450.52	1450.95	0.43	0.77	0.33	3.26	0.13	0.05	0.03	0.01	0.22	0.33											
LES021	LES021U5	UG2	N3088	UG2PEG	1450.95	1451.12	0.17	0.77	0.13	3.06	0.13	0.10	0.01	0.01	0.25	0.13											
LES021	LES021U5	UG2	N3089	FW13	1451.12	1451.35	0.23	0.77	0.18	2.80	0.12	0.14	0.01	0.01	0.28	0.18											
LES021	LES021U5	UG2	N3090	FW13	1451.35	1451.54	0.19	0.77	0.15	2.81	1.00	0.80	0.09	0.01	1.9	0.15											
LES022	LES022M0	Mere	N0975	MID1	941.47	941.65	0.18	0.87	0.16	2.99	0.06	0.02	0.01	0.04	0.13	0.16											
LES022	LES022M0	Mere	N0976	MID1	941.65	941.86	0.21	0.87	0.18	3.03	0.09	0.04	0.01	0.04	0.18	0.18											
LES022	LES022M0	Mere	N0977	HWPX	941.86	942.06	0.20	0.87	0.17	3.04	0.10	0.05	0.01	0.07	0.23	0.17											
LES022	LES022M0	Mere	N0978	HWPX	942.06	942.27	0.21	0.87	0.18	3.21	0.09	0.03	0.01	0.12	0.25	0.18											
LES022	LES022M0	Mere	N0980	HWPX	942.27	942.45	0.18	0.87	0.16	3.22	0.18	0.07	0.01	0.14	0.40	0.16											
LES022	LES022M0	Mere	N0981	HWPX	942.45	942.65	0.20	0.87	0.17	3.21	0.18	0.10	0.01	0.10	0.39	0.17							0.17	6.75	6.75		0
LES022	LES022M0	Mere	N0982	M1PX	942.65	942.91	0.26	0.87	0.23	3.28	8.12	4.17	0.39	0.59	13.27	0.23							0.40	298.80	305.55		0
LES022	LES022M0	Mere	N0984	M2PEG	942.91	943.09	0.18	0.87	0.16	3.22	8.54	5.54	0.80	0.77	15.65	0.16							0.55	243.96	549.51		0
LES022	LES022M0	Mere	N0985	FWPX	943.09	943.30	0.21	0.87	0.18	3.31	11.73	6.58	0.97	0.93	20.21	0.18							0.74	367.55	917.06		0
LES022	LES022M0	Mere	N0986	FWPX	943.30	943.48	0.18	0.87	0.16	3.20	4.28	2.66	0.36	0.37	7.67	0.16							0.89	119.56	1036.62		0
LES022	LES022M0	Mere	N0988	FWPX	943.48	943.68	0.20	0.87	0.17	3.23	2.29	1.29	0.10	0.13	3.81	0.17	3.25	6.03	3.45	0.44	0.49	10.41	1.07	65.99	1102.61	10.17	1109.24
LES022	LES022M0	Mere	N0989	FWPX	943.68	943.88	0.20	0.87	0.17	3.17	0.01	0.02	0.01	0.02	0.06	0.17											
LES022	LES022M0	Mere	N0990	FWPX	943.88	944.09	0.21	0.87	0.18	3.20	0.04	0.04	0.01	0.02	0.11	0.18											
LES022	LES022M0	Mere	N0991	FWPX	944.09	944.29	0.20	0.87	0.17	3.22	0.04	0.02	0.01	0.01	0.08	0.17											
LES022	LES022M0	Mere	N0993	FWPX	944.29	945.29	1.00	0.87	0.87	3.23	0.01	0.01	0.01	0.01	0.04	0.87											
LES022	LES022M0	Mere	N0994	FWPX	945.29	946.34	1.05	0.87	0.91	3.22	0.01	0.01	0.01	0.01	0.04	0.91											
LES022	LES022M0	Mere	N0995	FWPX	946.34	947.33	0.99	0.87	0.86	3.20	0.05	0.02	0.01	0.01	0.09	0.86											
LES022	LES022M0	Mere	N0996	FWPX	947.33	948.32	0.99	0.87	0.86	3.20	0.01	0.02	0.01	0.01	0.05	0.86											
LES022	LES022M0	Mere	N0997	FWPX	948.32	949.31	0.99	0.87	0.86	3.22	0.01	0.01	0.01	0.01	0.04	0.86											
LES022	LES022M0	Mere	N0998	FWPX	949.31	950.30	0.99	0.87	0.86	3.18	0.03	0.02	0.01	0.01	0.07	0.86											
LES022	LES022M0	Mere	N1000	FWPX	950.30	951.01	0.71	0.87	0.61	3.14	0.01	0.01	0.01	0.01	0.04	0.61											
LES022	LES022M0	Mere	N1001	FWPX	951.01	952.00	0.99	0.87	0.86	3.19	0.01	0.01	0.01	0.01	0.04	0.86											
LES022	LES022M0	Mere	N1002	FW1	952.00	952.20	0.20	0.87	0.17	2.77	0.01	0.01	0.01	0.01	0.04	0.17											
LES022	LES022M0	Mere	N1003	FW1	952.20	952.39	0.19	0.87	0.16	2.77	0.01	0.01	0.01	0.01	0.04	0.16											
LES022	LES022M4	Mere	N1226	MID1	939.44	939.63	0.19	0.91	0.17	3.05	0.03	0.01	0.01	0.03	0.08	0.19											
LES022	LES022M4	Mere	N1227	MID1	939.63	939.84	0.21	0.91	0.19	3.03	0.03	0.02	0.01	0.05	0.11	0.21											
LES022	LES022M4	Mere	N1229	HWPX	939.84	940.05	0.21	0.91	0.19	3.21	0.09	0.05	0.01	0.07	0.22	0.21											
LES022	LES022M4	Mere	N1230	HWPX	940.05	940.27	0.22	0.91	0.20	3.24	0.13	0.04	0.01	0.09	0.27	0.22											
LES022	LES022M4	Mere	N1231	HWPX	940.27	940.47	0.20	0.91	0.18	3.16	0.12	0.06	0.01	0.09	0.28	0.20											
LES022	LES022M4	Mere	N1233	M1PX	940.47	940.66	0.19	0.91	0.17	3.46	1.96	0.91	0.08	0.16	3.11	0.19							0.19	59.09	59.09		0
LES022	LES022M4	Mere	N1234	M1PX	940.66	940.85	0.19	0.91	0.17	3.31	9.07	3.49	0.37	0.55	13.48	0.19							0.38	256.12	315.21		0
LES022	LES022M4	Mere	N1236	M2PEG	940.85	941.05	0.20	0.91	0.18	3.23	3.86	2.38	0.26	0.37	6.87	0.20							0.58	137.40	452.61		0
LES022	LES022M4	Mere	N1237	FWPX	941.05	941.29	0.24	0.91	0.22	3.21	5.36	3.47	0.24	0.64	9.71	0.24							0.82	233.04	685.65		0
LES022	LES022M4	Mere	N1238	FWPX	941.29	941.49	0.20	0.91	0.18	3.24	2.71	1.21	0.11	0.37	4.4	0.20	3.29	4.59	2.32	0.21	0.42	7.55	1.02	88.00	773.65	7.51	769.921
LES022	LES022M4	Mere	N1239	FWPX	941.49	941.69	0.20	0.91	0.18	3.24	0.35	0.18	0.01	0.05	0.59	0.20											
LES022	LES022M4	Mere	N1240	FWPX	941.69	941.87	0.18	0.91	0.16	3.23	0.03	0.01	0.01	0.01	0.06	0.18											
LES022	LES022M4	Mere	N1242	FWPX	941.87	942.08	0.21	0.91	0.19	3.25	0.01	0.01	0.01	0.01	0.04	0.21											
LES022	LES022M4	Mere	N1243	FWPX	942.08	942.58	0.50	0.91	0.45	3.23	0.01	0.01	0.01	0.01	0.04	0.50											
LES022	LES022M4	Mere	N1244	FWPX	942.58	943.08	0.50	0.91	0.45	3.23	0.01	0.01	0.01	0.01	0.04	0.50											
LES022	LES022M4	Mere	N1245	FWPX	943.08	943.58	0.50	0.91	0.45	3.25	0.01	0.01	0.01	0.01	0.04	0.50											
LES022	LES022M5	Mere	N1246	MID1	939.35	939.53	0.18	0.91	0.17	3.05	0.03	0.02	0.01	0.03	0.09	0.17											
LES022	LES022M5	Mere	N1247	MID1	939.53	939.75	0.22	0.91	0.20	3.07	0.06	0.02	0.01	0.05	0.14	0.20											
LES022	LES022M5	Mere	N1248	HWPX	939.75	939.94	0.18	0.91	0.17	3.18	0.08	0.03	0.01	0.08	0.2	0.17											
LES022	LES022M5	Mere	N1249	HWPX	939.94	940.11	0.18	0.91	0.16	3.24	0.11	0.05	0.01	0.12	0.29	0.16											
LES022	LES022M5	Mere	N1251	HWPX	940.11	940.30	0.19	0.91	0.17	3.24	0.13	0.06	0.01	0.11	0.31	0.17											
LES022	LES022M5	Mere	N1252	M1PX	940.30	940.50	0.20	0.91	0.18	3.26	2.45	1.18	0.09	0.26	3.98	0.18							0.18	72.14	72.14		0
LES022	LES022M5	Mere	N1253	M1PX	940.50	940.70	0.20	0.91	0.18	3.25	4.14	1.64	0.17	0.60	6.55	0.18							0.36	118.73	190.87		0
LES022	LES022M5	Mere	N1254	M2PEG	940.70	940.89	0.19	0.91	0.17	3.22	20.8	10.5	1.01	0.92	33.25	0.17							0.53	572.56	763.43		0
LES022	LES022M5	Mere	N1256	FWPX	940.89	941.09	0.20	0.91	0.18	3.27	8.10	10.1	0.83	0.67	19.69	0.18							0.72	356.90	1120.33		0
LES022	LES022M5	Mere	N1257	FWPX	941.09	941.30	0.21	0.91	0.19	3.23	0.13	0.35	0.02	0.03	0.53	0.19							0.91	10.09	1130.42		0
LES022	LES022M5	Mere	N1258	FWPX	941.30	941.50	0.20	0.91	0.18	3.24	1.46	1.66	0.11	0.30	3.53	0.18							1.09	63.99	1194.40		0
LES022	LES022M5	Mere	N1260	FWPX	941.50	941.70	0.20	0.91	0.18	3.26	1.37	2.46	0.19	0.14	4.16	0.18	3.25	5.33	3.92	0.34	0.41	9.99	1.27	75.40	1269.81	10.24	1268
LES022	LES022M5	Mere	N1261	FWPX	941.70	941.89	0.19	0.91	0.17	3.22	0.37	0.45	0.04	0.02	0.88	0.17											
LES022	LES022M5	Mere	N1262	FWPX	941.89	942.10	0.21	0.91	0.19	3.24	0.04	0.03	0.01	0.01	0.09	0.19											
LES022	LES022M5	Mere	N1264	FWPX	942.10	942.62	0.52	0.91	0.47	3.21	0.04	0.02	0.01	0.01	0.08	0.47											
LES022	LES022M5	Mere	N1265	FWPX	942.62	943.59	0.97	0.91	0.88	3.23	0.01	0.01	0.01	0.01	0.04	0.88											
LES022	LES022U0	UG2	N1319	UG2HZ2	1223.52	1223.74	0.22	0.87	0.19	3.22	0.12

LES022	LES022U0	UG2	N1320	UG2HZ2	1223.74	1224.01	0.27	0.87	0.23	3.12	0.12	0.06	0.01	0.02	0.21	0.23											
LES022	LES022U0	UG2	N1322	UG2L	1224.01	1224.22	0.21	0.87	0.18	3.52	1.45	0.52	0.26	0.02	2.25	0.18											
LES022	LES022U0	UG2	N1323	UG2L	1224.22	1224.43	0.21	0.87	0.18	3.50	1.00	0.42	0.19	0.02	1.63	0.18											
LES022	LES022U0	UG2	N1324	UG2PX1	1224.43	1224.62	0.19	0.87	0.16	3.30	0.14	0.05	0.03	0.01	0.23	0.16											
LES022	LES022U0	UG2	N1326	UG2PX1	1224.62	1225.13	0.51	0.87	0.44	3.21	0.11	0.04	0.03	0.01	0.19	0.44											
LES022	LES022U0	UG2	N1327	UG2PX1	1225.13	1225.63	0.50	0.87	0.43	3.24	0.05	0.03	0.01	0.01	0.1	0.43											
LES022	LES022U0	UG2	N1328	UG2PX1	1225.63	1226.15	0.52	0.87	0.45	3.11	0.05	0.02	0.01	0.01	0.09	0.45											
LES022	LES022U0	UG2	N1329	UG2PX1	1226.15	1226.40	0.25	0.87	0.22	3.07	0.05	0.02	0.01	0.01	0.09	0.22											
LES022	LES022U0	UG2	N1330	UG2A	1226.40	1226.59	0.19	0.87	0.16	3.80	1.69	0.18	0.25	0.01	2.13	0.16							0.16	35.05	35.05		
LES022	LES022U0	UG2	N1331	UG2A	1226.59	1226.77	0.18	0.87	0.16	3.92	3.01	0.26	0.45	0.01	3.73	0.16							0.32	58.14	93.19		
LES022	LES022U0	UG2	N1332	UG2A	1226.77	1226.96	0.19	0.87	0.16	3.78	3.40	0.77	0.41	0.03	4.61	0.16							0.48	75.86	169.05		
LES022	LES022U0	UG2	N1333	UG2MPX	1226.96	1227.16	0.20	0.87	0.17	3.19	0.12	0.04	0.02	0.01	0.19	0.17							0.66	3.29	172.34		
LES022	LES022U0	UG2	N1334	UG2MPX	1227.16	1227.65	0.49	0.87	0.42	3.22	0.01	0.01	0.01	0.01	0.04	0.42							1.08	1.70	174.04		
LES022	LES022U0	UG2	N1336	UG2MPX	1227.65	1228.15	0.50	0.87	0.43	3.23	0.01	0.01	0.01	0.01	0.04	0.43							1.52	1.73	175.77		
LES022	LES022U0	UG2	N1337	UG2MPX	1228.15	1228.65	0.50	0.87	0.43	3.24	0.01	0.01	0.01	0.01	0.04	0.43							1.95	1.73	177.50		0
LES022	LES022U0	UG2	N1338	UG2MPX	1228.65	1228.90	0.25	0.87	0.22	3.24	0.94	1.39	0.14	0.10	2.57	0.22							2.17	55.64	233.14		0
LES022	LES022U0	UG2	N1339	UG2MPX	1228.90	1229.16	0.26	0.87	0.23	3.20	0.77	1.08	0.10	0.13	2.08	0.23							2.39	46.83	279.98		0
LES022	LES022U0	UG2	N1340	UG2B	1229.16	1229.36	0.20	0.87	0.17	3.84	2.20	1.19	0.44	0.05	3.88	0.17							2.56	67.20	347.18		0
LES022	LES022U0	UG2	N1342	UG2B	1229.36	1229.56	0.20	0.87	0.17	4.03	2.20	2.13	0.46	0.06	4.85	0.17							2.74	84.00	431.19		0
LES022	LES022U0	UG2	N1343	UG2B	1229.56	1229.76	0.20	0.87	0.17	4.06	2.10	1.24	0.43	0.04	3.81	0.17							2.91	65.99	497.18		0
LES022	LES022U0	UG2	N1345	UG2B	1229.76	1229.98	0.22	0.87	0.19	3.74	3.62	5.25	0.67	0.25	9.79	0.19	3.51	1.24	0.88	0.21	0.05	2.38	3.10	186.52	683.70	2.90	738.379
LES022	LES022U0	UG2	N1346	UG2PEG	1229.98	1230.18	0.20	0.87	0.17	3.21	1.28	3.75	0.25	0.08	5.36	0.17											
LES022	LES022U0	UG2	N1347	UG2PEG	1230.18	1230.37	0.19	0.87	0.16	3.23	0.23	0.32	0.04	0.04	0.63	0.16											
LES022	LES022U0	UG2	N1348	UG2PEG	1230.37	1230.58	0.21	0.87	0.18	3.38	0.58	0.28	0.13	0.03	1.02	0.18											
LES022	LES022U0	UG2	N1349	UG2PEG	1230.58	1230.78	0.20	0.87	0.17	3.22	0.05	0.17	0.01	0.02	0.25	0.17											
LES022	LES022U0	UG2	N1351	UG2PEG	1230.78	1231.00	0.22	0.87	0.19	3.14	0.01	0.07	0.01	0.01	0.1	0.19											
LES022	LES022U0	UG2	N1352	UG2PEG	1231.00	1231.21	0.21	0.87	0.18	3.17	0.07	0.28	0.01	0.02	0.38	0.18											
LES022	LES022U0	UG2	N1353	UG2PEG	1231.21	1231.42	0.21	0.87	0.18	3.07	0.19	0.60	0.01	0.06	0.86	0.18											
LES022	LES022U0	UG2	N1354	UG2FWPX	1231.42	1231.60	0.18	0.87	0.16	2.97	0.01	0.02	0.01	0.01	0.05	0.16											
LES022	LES022U0	UG2	N1355	UG2FWPX	1231.60	1231.79	0.19	0.87	0.16	3.10	0.13	0.42	0.01	0.04	0.6	0.16											
LES022	LES022U5	UG2	N1356	UG2HZ2	1223.21	1223.40	0.19	0.87	0.16	3.15	0.09	0.04	0.01	0.01	0.15	0.1645											
LES022	LES022U5	UG2	N1357	UG2HZ2	1223.4	1223.60	0.20	0.87	0.17	3.08	0.12	0.03	0.01	0.01	0.17	0.1732											
LES022	LES022U5	UG2	N1359	UG2L	1223.6	1223.80	0.20	0.87	0.17	3.52	1.44	0.90	0.21	0.02	2.57	0.1732											
LES022	LES022U5	UG2	N1360	UG2L	1223.8	1224.06	0.26	0.87	0.23	3.70	1.21	0.35	0.24	0.01	1.81	0.2252											
LES022	LES022U5	UG2	N1361	UG2PX1	1224.06	1224.26	0.20	0.87	0.17	3.21	0.28	0.11	0.07	0.01	0.47	0.1732											
LES022	LES022U5	UG2	N1362	UG2PX1	1224.26	1224.76	0.50	0.87	0.43	3.23	0.16	0.05	0.04	0.01	0.26	0.433											
LES022	LES022U5	UG2	N1364	UG2PX1	1224.76	1225.25	0.49	0.87	0.42	3.20	0.07	0.03	0.01	0.01	0.12	0.4244											
LES022	LES022U5	UG2	N1365	UG2PX1	1225.25	1225.75	0.50	0.87	0.43	3.20	0.05	0.03	0.01	0.01	0.10	0.433											
LES022	LES022U5	UG2	N1366	UG2PX1	1225.75	1225.94	0.19	0.87	0.16	3.26	0.09	0.02	0.01	0.01	0.13	0.1645											
LES022	LES022U5	UG2	N1367	UG2A	1225.94	1226.16	0.22	0.87	0.19	3.87	2.09	0.21	0.28	0.01	2.59	0.1905							0.19	49.35	49.35		
LES022	LES022U5	UG2	N1368	UG2A	1226.16	1226.39	0.23	0.87	0.20	3.82	3.67	1.07	0.49	0.03	5.26	0.1992							0.39	104.77	154.12		
LES022	LES022U5	UG2	N1369	UG2MPX	1226.39	1226.58	0.19	0.87	0.16	3.18	0.11	0.06	0.01	0.01	0.19	0.1645							0.55	3.13	157.24		
LES022	LES022U5	UG2	N1370	UG2MPX	1226.58	1227.09	0.51	0.87	0.44	3.15	0.01	0.01	0.01	0.01	0.04	0.4417							1.00	1.77	159.01		
LES022	LES022U5	UG2	N1371	UG2MPX	1227.09	1227.58	0.49	0.87	0.42	3.05	0.01	0.01	0.01	0.01	0.04	0.4244							1.42	1.70	160.71		
LES022	LES022U5	UG2	N1373	UG2MPX	1227.58	1228.07	0.49	0.87	0.42	3.23	0.01	0.01	0.01	0.01	0.04	0.4244							1.84	1.70	162.41		
LES022	LES022U5	UG2	N1374	UG2MPX	1228.07	1228.32	0.25	0.87	0.22	3.22	0.01	0.01	0.01	0.01	0.04	0.2165							2.06	0.87	163.27		0
LES022	LES022U5	UG2	N1375	UG2MPX	1228.32	1228.52	0.20	0.87	0.17	3.21	1.39	1.67	0.24	0.19	3.49	0.1732							2.23	60.45	223.72		0
LES022	LES022U5	UG2	N1376	UG2MPX	1228.52	1228.79	0.27	0.87	0.23	3.27	1.38	1.37	0.28	0.29	3.32	0.2338							2.47	77.63	301.35		0
LES022	LES022U5	UG2	N1378	UG2B	1228.79	1228.96	0.17	0.87	0.15	3.90	2.62	1.88	0.54	0.10	5.14	0.1472							2.62	75.67	377.02		0
LES022	LES022U5	UG2	N1379	UG2B	1228.96	1229.21	0.25	0.87	0.22	3.95	2.43	1.20	0.41	0.06	4.10	0.2165							2.83	88.77	465.79		0
LES022	LES022U5	UG2	N1380	UG2B	1229.21	1229.46	0.25	0.87	0.22	4.02	2.15	2.06	0.43	0.09	4.73	0.2165							3.05	102.41	568.20		0
LES022	LES022U5	UG2	N1381	UG2B	1229.46	1229.66	0.20	0.87	0.17	3.76	5.32	4.68	0.89	0.24	11.13	0.1732	3.47	1.37	0.90	0.23	0.07	2.58	3.22	192.78	760.98	3.09	831.278
LES022	LES022U5	UG2	N1383	UG2PEG	1229.66	1229.86	0.20	0.87	0.17	3.25	0.44	0.70	0.08	0.04	1.26	0.1732											
LES022	LES022U5	UG2	N1384	UG2PEG	1229.86	1230.07	0.21	0.87	0.18	3.22	0.22	1.72	0.03	0.12	2.09	0.1819											
LES022	LES022U5	UG2	N1385	UG2PEG	1230.07	1230.27	0.20	0.87	0.17	3.17	0.01	0.05	0.01	0.03	0.10	0.1732											
LES022	LES022U5	UG2	N1386	UG2PEG	1230.27	1230.47	0.20	0.87	0.17	3.16	0.01	0.04	0.01	0.01	0.07	0.1732											
LES022	LES022U5	UG2	N1387	UG2PEG	1230.47	1230.67	0.20	0.87	0.17	3.10	0.01	0.04	0.01	0.01	0.07	0.1732											
LES022	LES022U5	UG2	N1389	UG2PEG	1230.67	1230.87	0.20	0.87	0.17	3.13	0.02	0.07	0.01	0.02	0.12	0.1732											
LES022	LES022U5	UG2	N1390	UG2PEG	1230.87	1231.03	0.16	0.87	0.14	3.18	0.24	0.65	0.04	0.02	0.95	0.1386											
LES022	LES022U5	UG2	N1391	UG2FWPX	1231.03	1231.22	0.19	0.87	0.16	3.10	0.20	0.96	0.02	0.06	1.24	0.1645											
LES022	LES022U5	UG2	N1392	UG2FWPX	1231.22	1231.43	0.21	0.87	0.18	3.01	0.07	0.12	0.01	0.01	0.21	0.1819											
LES022	LES022U6	UG2	N1283	UG2HZ2	1223.36	1223.60	0.24	0.87	0.21	3.04	0.08	0.04	0.02	0.02	0.16	0.2078											
LES022	LES022U6	UG2	N1284	UG2HZ2	1223.6	1223.82	0.22	0.87	0.19	3.05	0.15	0.09	0.01	0.01	0.26	0.1905											
LES022	LES022U6	UG2	N1285	UG2L	1223.82	1224.07	0.25	0.87	0.22	3.57	1.81	1.10	0.29	0.04	3.24	0.2165											
LES022	LES022U6	UG2	N1286	UG2L	1224.07	1224.27	0.20	0.87	0.17	3.64	1.25	0.47	0.26	0.01	1.99	0.1732											
LES022	LES022U6	UG2	N1288	UG2PX1	1224.27	1224.47	0.20	0.87	0.17	3.26	0.33	0.11	0.06	0.01	0.51	0.1732											
LES022	LES022U6	UG2	N1289	UG2PX1	1224.47	1224.98	0.51	0.87	0.44	3.22	0.11	0.03	0.04	0.01	0.19	0.4417											
LES022	LES022U6	UG2	N1290	UG2PX1	1224.98	1225.48	0.50	0.87	0.43	3.19	0.05	0.02	0.02	0.01	0.10	0.433											
LES022	LES022U6	UG2	N1291	UG2PX1	1225.48	1225.80	0.32	0.87	0.28	3.30	0.07	0.02	0.01	0.01	0.11	0.2771											
LES022	LES022U6	UG2	N1292	UG2PX1	1225.8	1226.00	0.20	0.87	0.17	3.10	0.04	0.01	0.02	0.01	0.08	0.1732											
LES022	LES022U6	UG2	N1293	UG2A	1226	1226.22	0.22	0.87	0.19	3.86	1.94	0.20	0.29	0.01	2.44	0.1905							0.19	46.49	46.49		0
LES022	LES022U6	UG2	N1295	UG2A	1226.22	1226.45	0.23	0.87	0.20	3.71	2.56	0.16	0.41	0.01	3.14	0.1992							0.39	62.54	109.03		0
LES022	LES022U6	UG2	N1296	UG2A	1226.45	1226.66	0.21	0.87	0.18	3.74	3.25	0.20	0.41	0.01	3.87	0.1819							0.57	70.38	179.41		0
LES022	LES022U6	UG2	N1297	UG2MPX	1226.66	1226.88	0.22	0.87	0.19	3.06	0.51	0.28	0.07	0.02	0.88	0.1905							0.76	16.77	196.18		0
LES022	LES022U6	UG2	N1298	UG2MPX	1226.88	1227.38	0.50	0.87	0.43	3.06	0.03	0.01	0.01	0.01	0.06	0.433							1.20	2.60	198.78		0
LES022	LES022U6	UG2	N1299	UG2MPX	1227.38	1227.89	0.51	0.87	0.44	3.22	0.01	0.01	0.01	0.01	0.04	0.4417							1.64	1.77	200.55		0
LES022	LES022U6	UG2	N1300	UG2MPX	1227.89	1228.39	0.50	0.87	0.43	3.21	0.01	0.01	0.01	0.01	0.04	0.433							2.07	1.73	202.28		0
LES022	LES022U6	UG2	N1301	UG2MPX	1228.39	1228.73	0.34	0.87	0.29	3.22	1.01	0.98	0.12	0.08	2.19	0.2944							2.36	64.48	266.76		0
LES022	LES022U6	UG2	N1302	UG2MPX	1228.73	1228.93	0.20	0.87	0.17	3.26	1.86	2.73	0.20	0.21	5.00	0.1732							2.54	86.60	353.36		0
LES022	LES022U6	UG2	N1304	UG2B	1228.93	1229.14	0.21	0.87	0.18	3.93	2.60	1.91	0.44	0.08	5.03	0.1819							2.72	91.48	444.84		0
LES022	LES022U6	UG2	N1305	UG2B	1229.14	1229.33	0.19	0.87	0.16	4.02	2.22	2.10	0.44	0.10	4.86	0.1645							2.88	79.97	524.81		0
LES022	LES022U6	UG2	N1306	UG2B	1229.33	1229.58	0.25	0.87	0.22	4.04	2.21	1.59	0.40	0.07	4.27	0.2165							3.10	92.45	617.26		0
LES022	LES022U6	UG2	N1308	UG2B	1229.58	1229.80	0.22	0.87	0.19	3.88	5.28	7.56	0.69	0.28	13.81	0.1905	3.50	1.50	1.13	0.23	0.06	2.91	3.29	263.12	880.38	3.51	957.547
LES022	LES022U6	UG2	N1309	UG2PEG	1229.8	1230.00	0.20	0.87	0.17	3.26	0.96	2.87	0.12	0.07	4.02	0.1732											
LES022	LES022U6	UG2	N1310	UG2PEG	1230	1230.20	0.20	0.87	0.17	3.25	0.45	1.85	0.05	0.06	2.41	0.1732											
LES022	LES022U6	UG2	N1311	UG2PEG	1230.2	1230.41	0.21	0.87	0.18	3.20	0.07	0.24	0.01	0.04	0.36	0.1819											
LES022	LES022U6	UG2	N1313	UG2PEG	1230.41	1230.58	0.17	0.87	0.15	3.17	0.30	1.41	0.04	0.09	1.84	0.1472											
LES022	LES022U6	UG2	N1314	UG2PEG	1230.58	1230.78	0.20	0.87	0.17	3.12	0.23	0.66	0.03	0.02	0.94	0.1732											
LES022	LES022U6	UG2	N1315	UG2PEG	1230.78	1231.00	0.22	0.87	0.19	3.19	0.08	0.35	0.01	0.02	0.46	0.1905											
LES022	LES022U6	UG2	N1316	UG2PEG	1231	1231.22	0.22	0.87	0.19	3.13	0.15	0.37	0.02	0.02	0.56	0.1905											
LES022	LES022U6	UG2	N1317	UG2FWPX	1231.22	1231.42	0.20	0.87	0.17	3.03	0.01	0.01	0.01	0.01	0.04	0.1732											
LES022	LES022U6	UG2	N1318	UG2FWPX	1231.42	1231.62	0.20	0.87	0.17	2.85	0.01	0.03	0.01	0.01	0.06	0.1732											
LES024	LES024M0	Mere	N1004	MID1	589.94	590.14	0.20	0.77	0.15	2.97	0.04	0.01	0.01	0.03	0.09	0.15											
LES024	LES024M0	Mere	N1005	MID1	590.14	590.35	0.21	0.77	0.16	3.00	0.04	0.01	0.01	0.04	0.1	0.16											
LES024	LES024M0	Mere	N1006	HWPX	590.35	590.49	0.14	0.77	0.11	3.15	0.14	0.04	0.01	0.09	0.28	0.11											
LES024	LES024M0	Mere	N1008	HWPX	590.49	590.75	0.26	0.77	0.20	3.21	0.14	0.05	0.01	0.13	0.33	0.20											
LES024	LES024M0	Mere	N1009	HWPX	590.75	591.01	0.26	0.77	0.20	3.19	0.12	0.07	0.01	0.09	0.29	0.20											
LES024	LES024M0	Mere	N1010	M1PX	591.01	591.20	0.19	0.77	0.15	3.25	2.97	1.11	0.16	0.30	4.54	0.15							0.15	66.08	66.08		0
LES024	LES024M0	Mere	N1011	M2PEG	591.20	591.37	0.17	0.77	0.13	3.23	3.93	1.45	0.29	0.25	5.92	0.13							0.28	77.09	143.17		0
LES024	LES024M0	Mere	N1013	FWPX	591.37	591.55	0.18	0.77	0.14	3.24	3.39	1.90	0.18	0.35	5.82	0.14							0.41	80.25	223.42		0
LES024	LES024M0	Mere	N1014	FWPX	591.55	591.75	0.20	0.77	0.15	3.22	0.11	0.07	0.01	0.02	0.21	0.15							0.57	3.22	226.64		0
LES024	LES024M0	Mere	N1015	FWPX	591.75	591.96	0.21	0.77	0.16	3.28	3.42	1.92	0.20	0.15	5.69	0.16							0.73	91.53	318.18		0
LES024	LES024M0	Mere	N1016	FWPX	591.96	592.19	0.23	0.77	0.18	3.31	3.17	1.77	0.17	0.18	5.29	0.18							0.90	93.20	411.38		0
LES024	LES024M0	Mere	N1018	FWPX	592.19	592.39	0.20	0.77	0.15	3.17	0.22	0.11	0.01	0.02	0.36	0.15	3.25	2.44	1.20	0.14	0.18	3.97	1.06	5.52	416.90	3.98	419.239
LES024	LES024M0	Mere	N1019	FWPX	592.39	592.58	0.19	0.77	0.15	3.20	0.05	0.02	0.01	0.02	0.1	0.15											
LES024	LES024M0	Mere	N1020	FWPX	592.58	593.60	1.02	0.77	0.78	3.20	0.18	0.10	0.01	0.02	0.31	0.78											
LES024	LES024M0	Mere	N1022	FWPX	593.60	594.56	0.96	0.77	0.74	3.19	0.05	0.01	0.01	0.01	0.08	0.74											
LES024	LES024M0	Mere	N1023	FWPX	594.56	595.52	0.96	0.77	0.74	3.24	0.04	0.01	0.01	0.01	0.07	0.74											
LES024	LES024M0	Mere	N1024	FWPX	595.52	596.10	0.58	0.77	0.44	3.19	0.91	0.04	0.10	0.01	1.06	0.44											
LES024	LES024M0	Mere	N1025	FW1	596.10	596.30	0.20	0.77	0.15	2.77	0.03	0.01	0.01	0.01	0.06	0.15											
LES024	LES024M0	Mere	N1026	FW1	596.30	596.50	0.20	0.77	0.15	2.77	0.01	0.01	0.01	0.01	0.04	0.15											
LES026	LES026M0	Mere	N1622	MID1	842.62	842.81	0.19	0.77	0.15	3.03	0.02	0.02	0.01	0.03	0.08	0.15											
LES026	LES026M0	Mere	N1623	MID1	842.81	843.03	0.22	0.77	0.17	3.03	0.02	0.02	0.01	0.03	0.08	0.17											
LES026	LES026M0	Mere	N1624	HWPX	843.03	843.35	0.32	0.77	0.25	3.16	0.10	0.05	0.01	0.10	0.26	0.25											
LES026	LES026M0	Mere	N1625	HWPX	843.35	843.55	0.20	0.77	0.15	3.24	0.12	0.06	0.01	0.13	0.32	0.15											
LES026	LES026M0	Mere	N1627	HWPX	843.55	843.79	0.24	0.77	0.18	3.19	0.09	0.05	0.01	0.09	0.24	0.18											
LES026	LES026M0	Mere	N1628	HWPX	843.79	844.04	0.25	0.77	0.19	3.21	0.10	0.08	0.01	0.06	0.25	0.19											
LES026	LES026M0	Mere	N1629	HWPX	844.04	844.25	0.21	0.77	0.16	3.23	2.26	1.08	0.14	0.27	3.75	0.16											
LES026	LES026M0	Mere	N1630	M1PX	844.25	844.45	0.20	0.77	0.15	3.29	4.38	2.03	0.26	0.30	6.97	0.15							0.15	106.79	106.79		0
LES026	LES026M0	Mere	N1631	M1PX	844.45	844.65	0.20	0.77	0.15	3.24	2.68	1.75	0.13	0.47	5.03	0.15							0.31	77.06	183.85		0
LES026	LES026M0	Mere	N1632	M2PEG	844.65	844.82	0.17	0.77	0.13	3.15	4.97	1.76	0.34	0.46	7.53	0.13							0.44	98.06	281.91		0
LES026	LES026M0	Mere	N1634	M2PEG	844.82	845.00	0.18	0.77	0.14	3.24	1.78	1.43	0.14	0.26	3.61	0.14							0.57	49.78	331.69		0
LES026	LES026M0	Mere	N1635	FWPX	845.00	845.20	0.20	0.77	0.15	3.24	1.28	0.76	0.07	0.25	2.36	0.15							0.73	36.16	367.85		0
LES026	LES026M0	Mere	N1636	FWPX	845.20	845.40	0.20	0.77	0.15	3.25	4.32	2.67	0.19	0.85	8.03	0.15							0.88	123.03	490.87		0
LES026	LES026M0	Mere	N1638	FWPX	845.40	845.60	0.20	0.77	0.15	3.20	2.15	1.24	0.13	0.29	3.81	0.15							1.03	58.37	549.25		0
LES026	LES026M0	Mere	N1639	FWPX	845.60	845.79	0.19	0.77	0.15	3.23	1.46	1.42	0.13	0.33	3.34	0.15							1.18	48.61	597.86		0
LES026	LES026M0	Mere	N1640	FWPX	845.79	846.00	0.21	0.77	0.16	3.20	2.96	1.67	0.14	0.48	5.25	0.16	3.23	2.87	1.64	0.17	0.41	5.09	1.34	84.46	682.32	3.88	682.305
LES026	LES026M0	Mere	N1642	FWPX	846.00	846.20	0.20	0.77	0.15	3.23	0.18	0.13	0.01	0.08	0.4	0.15											
LES026	LES026M0	Mere	N1643	FWPX	846.20	846.39	0.19	0.77	0.15	3.22	0.02	0.02

LES026	LES026M0	Mere	N1648	FWPX	847.00	847.19	0.19	0.77	0.15	3.27	0.33	0.41	0.02	0.12	0.88	0.15											
LES026	LES026M0	Mere	N1649	FWPX	847.19	847.39	0.20	0.77	0.15	3.22	1.25	1.02	0.05	0.29	2.61	0.15											
LES026	LES026M0	Mere	N1650	FWPX	847.39	847.59	0.20	0.77	0.15	3.27	3.07	1.75	0.11	0.68	5.61	0.15											
LES026	LES026M0	Mere	N1651	FWPX	847.59	847.79	0.20	0.77	0.15	3.24	1.26	0.67	0.04	0.18	2.15	0.15											
LES026	LES026M0	Mere	N1653	FWPX	847.79	848.00	0.21	0.77	0.16	3.25	0.12	0.09	0.01	0.04	0.26	0.16											
LES026	LES026M0	Mere	N1654	FWPX	848.00	849.00	1.00	0.77	0.77	3.22	0.01	0.01	0.01	0.01	0.04	0.77											
LES026	LES026M0	Mere	N1655	FWPX	849.00	850.00	1.00	0.77	0.77	3.23	0.01	0.01	0.01	0.01	0.04	0.77											
LES026	LES026M0	Mere	N1656	FWPX	850.00	851.02	1.02	0.77	0.78	3.21	0.01	0.01	0.01	0.01	0.04	0.78											
LES026	LES026M0	Mere	N1657	FWPX	851.02	852.03	1.01	0.77	0.77	3.21	0.01	0.01	0.01	0.01	0.04	0.77											
LES026	LES026M0	Mere	N1658	FWPX	852.03	853.00	0.97	0.77	0.74	3.23	0.01	0.01	0.01	0.01	0.04	0.74											
LES026	LES026M0	Mere	N1659	FWPX	853.00	854.00	1.00	0.77	0.77	3.23	0.01	0.01	0.01	0.01	0.04	0.77											
LES026	LES026M0	Mere	N1660	FWPX	854.00	855.00	1.00	0.77	0.77	3.12	0.01	0.01	0.01	0.01	0.04	0.77											
LES026	LES026M0	Mere	N1661	FWPX	855.00	856.00	1.00	0.77	0.77	3.11	0.01	0.01	0.01	0.01	0.04	0.77											
LES026	LES026M0	Mere	N1662	FWPX	856.00	857.01	1.01	0.77	0.77	3.19	0.01	0.01	0.01	0.01	0.04	0.77											
LES026	LES026M0	Mere	N1663	FWPX	857.01	858.00	0.99	0.77	0.76	3.22	0.01	0.01	0.01	0.01	0.04	0.76											
LES026	LES026M0	Mere	N1664	FWPX	858.00	859.00	1.00	0.77	0.77	3.24	0.03	0.02	0.01	0.01	0.07	0.77											
LES026	LES026M3	Mere	N1590	MID1	843.32	843.52	0.20	0.77	0.15	3.01	0.02	0.01	0.01	0.03	0.07	0.15											
LES026	LES026M3	Mere	N1591	MID1	843.52	843.72	0.20	0.77	0.15	3.02	0.01	0.01	0.01	0.03	0.06	0.15											
LES026	LES026M3	Mere	N1592	HWPX	843.72	843.92	0.20	0.77	0.15	3.12	0.05	0.02	0.01	0.06	0.14	0.15											
LES026	LES026M3	Mere	N1593	HWPX	843.92	844.13	0.21	0.77	0.16	3.25	0.09	0.04	0.01	0.09	0.23	0.16											
LES026	LES026M3	Mere	N1594	HWPX	844.13	844.34	0.21	0.77	0.16	3.23	0.08	0.04	0.01	0.10	0.23	0.16											
LES026	LES026M3	Mere	N1596	HWPX	844.34	844.53	0.19	0.77	0.15	3.18	0.08	0.04	0.01	0.11	0.24	0.15											
LES026	LES026M3	Mere	N1598	HWPX	844.53	844.73	0.20	0.77	0.15	3.19	0.10	0.04	0.01	0.11	0.26	0.15											
LES026	LES026M3	Mere	N1599	HWPX	844.73	844.90	0.17	0.77	0.13	3.25	0.12	0.08	0.01	0.12	0.33	0.13											
LES026	LES026M3	Mere	N1600	HWPX	844.90	845.06	0.16	0.77	0.12	3.24	0.09	0.06	0.01	0.04	0.2	0.12											
LES026	LES026M3	Mere	N1601	HWPX	845.06	845.25	0.19	0.77	0.15	3.21	2.66	1.30	0.14	0.43	4.53	0.15							0.15	65.93	65.93		0
LES026	LES026M3	Mere	N1602	M1PX	845.25	845.48	0.23	0.77	0.18	3.35	8.73	3.18	0.42	0.63	12.96	0.18							0.32	228.34	294.28		0
LES026	LES026M3	Mere	N1603	M1PX	845.48	845.66	0.18	0.77	0.14	3.28	4.62	2.13	0.23	0.47	7.45	0.14							0.46	102.73	397.00		0
LES026	LES026M3	Mere	N1605	M2PEG	845.66	845.87	0.21	0.77	0.16	3.25	7.55	3.29	0.47	0.57	11.88	0.16							0.62	191.11	588.12		0
LES026	LES026M3	Mere	N1606	FWPX	845.87	846.06	0.19	0.77	0.15	3.22	4.59	2.80	0.24	0.62	8.25	0.15							0.77	120.08	708.19		0
LES026	LES026M3	Mere	N1608	FWPX	846.06	846.27	0.21	0.77	0.16	3.36	5.40	8.41	0.71	0.91	15.43	0.16							0.93	248.22	956.41		0
LES026	LES026M3	Mere	N1609	FWPX	846.27	846.47	0.20	0.77	0.15	3.22	3.56	1.71	0.12	0.52	5.91	0.15							1.08	90.55	1046.96		0
LES026	LES026M3	Mere	N1610	FWPX	846.47	846.67	0.20	0.77	0.15	3.25	10.2	1.77	0.13	0.46	12.51	0.15							1.23	191.66	1238.62		0
LES026	LES026M3	Mere	N1611	FWPX	846.67	846.87	0.20	0.77	0.15	3.29	2.40	1.41	0.11	0.29	4.21	0.15	3.27	5.63	2.97	0.30	0.55	9.44	1.39	64.50	1303.13	6.47	1308.6
LES026	LES026M3	Mere	N1613	FWPX	846.87	847.06	0.19	0.77	0.15	3.23	0.40	0.13	0.01	0.04	0.58	0.15											
LES026	LES026M3	Mere	N1614	FWPX	847.06	847.26	0.20	0.77	0.15	3.25	0.13	0.09	0.01	0.04	0.27	0.15											
LES026	LES026M3	Mere	N1615	FWPX	847.26	847.46	0.20	0.77	0.15	3.21	0.21	0.11	0.01	0.04	0.37	0.15											
LES026	LES026M3	Mere	N1617	FWPX	847.46	847.66	0.20	0.77	0.15	3.24	0.16	0.16	0.01	0.04	0.37	0.15											
LES026	LES026M3	Mere	N1618	FWPX	847.66	847.85	0.19	0.77	0.15	3.27	2.31	2.15	0.15	0.35	4.96	0.15											
LES026	LES026M3	Mere	N1619	FWPX	847.85	848.06	0.21	0.77	0.16	3.26	0.02	0.04	0.01	0.01	0.08	0.16											
LES026	LES026M3	Mere	N1620	FWPX	848.06	848.26	0.20	0.77	0.15	3.23	0.01	0.02	0.01	0.01	0.05	0.15											
LES026	LES026M3	Mere	N1621	FWPX	848.26	848.46	0.20	0.77	0.15	3.26	0.01	0.01	0.01	0.01	0.04	0.15											
LES026	LES026M6	Mere	N1665	MID1	843.24	843.44	0.20	0.77	0.15	2.99	0.03	0.02	0.01	0.02	0.08	0.15											
LES026	LES026M6	Mere	N1666	MID1	843.44	843.64	0.20	0.77	0.15	3.00	0.03	0.01	0.01	0.03	0.08	0.15											
LES026	LES026M6	Mere	N1667	HWPX	843.64	843.84	0.20	0.77	0.15	2.98	0.03	0.01	0.01	0.05	0.1	0.15											
LES026	LES026M6	Mere	N1668	HWPX	843.84	844.04	0.20	0.77	0.15	3.21	0.10	0.04	0.01	0.09	0.24	0.15											
LES026	LES026M6	Mere	N1669	HWPX	844.04	844.24	0.20	0.77	0.15	3.22	0.10	0.05	0.01	0.10	0.26	0.15											
LES026	LES026M6	Mere	N1671	HWPX	844.24	844.45	0.21	0.77	0.16	3.17	0.08	0.04	0.01	0.07	0.2	0.16											
LES026	LES026M6	Mere	N1672	HWPX	844.45	844.65	0.20	0.77	0.15	3.05	0.09	0.05	0.01	0.09	0.24	0.15											
LES026	LES026M6	Mere	N1673	HWPX	844.65	844.88	0.23	0.77	0.18	2.92	0.17	0.08	0.01	0.14	0.4	0.18											
LES026	LES026M6	Mere	N1674	HWPX	844.88	845.08	0.20	0.77	0.15	3.17	0.13	0.05	0.01	0.13	0.32	0.15											
LES026	LES026M6	Mere	N1676	HWPX	845.08	845.31	0.23	0.77	0.18	3.21	0.12	0.06	0.01	0.11	0.3	0.18											
LES026	LES026M6	Mere	N1677	M1PX	845.31	845.51	0.20	0.77	0.15	3.25	0.48	0.32	0.03	0.11	0.94	0.15											
LES026	LES026M6	Mere	N1678	M2PEG	845.51	845.79	0.28	0.77	0.21	3.26	4.17	1.95	0.24	0.34	6.7	0.21							0.21	143.71	143.71		0
LES026	LES026M6	Mere	N1679	M2PEG	845.79	846.04	0.25	0.77	0.19	3.17	5.29	2.76	0.40	0.44	8.89	0.19							0.41	170.25	313.96		0
LES026	LES026M6	Mere	N1681	FWPX	846.04	846.24	0.20	0.77	0.15	3.21	2.52	1.70	0.15	0.22	4.59	0.15							0.56	70.32	384.29		0
LES026	LES026M6	Mere	N1682	FWPX	846.24	846.45	0.21	0.77	0.16	3.20	3.02	2.65	0.13	0.36	6.16	0.16							0.72	99.10	483.38		0
LES026	LES026M6	Mere	N1683	FWPX	846.45	846.65	0.20	0.77	0.15	3.31	3.12	2.35	0.13	0.46	6.06	0.15							0.87	92.84	576.23		0
LES026	LES026M6	Mere	N1684	FWPX	846.65	846.85	0.20	0.77	0.15	3.25	2.45	1.85	0.10	0.30	4.7	0.15							1.03	72.01	648.23		0
LES026	LES026M6	Mere	N1685	FWPX	846.85	847.05	0.20	0.77	0.15	3.27	1.27	0.86	0.07	0.22	2.42	0.15							1.18	37.08	685.31		0
LES026	LES026M6	Mere	N1687	FWPX	847.05	847.25	0.20	0.77	0.15	3.27	3.68	3.18	0.22	0.36	7.44	0.15							1.33	113.99	799.30		0
LES026	LES026M6	Mere	N1688	FWPX	847.25	847.45	0.20	0.77	0.15	3.26	2.01	1.10	0.11	0.27	3.49	0.15							1.49	53.47	852.77		0
LES026	LES026M6	Mere	N1689	FWPX	847.45	847.65	0.20	0.77	0.15	3.22	0.99	0.62	0.05	0.16	1.82	0.15							1.64	27.88	880.65		0
LES026	LES026M6	Mere	N1690	FWPX	847.65	847.85	0.20	0.77	0.15	3.27	4.64	3.17	0.31	0.50	8.62	0.15	3.24	3.10	2.03	0.18	0.33	5.65	1.79	132.07	1012.72	4.78	1012.03
LES026	LES026M6	Mere	N1691	FWPX	847.85	848.05	0.20	0.77	0.15	3.26	0.27	0.19	0.01	0.05	0.52	0.15											
LES026	LES026M6	Mere	N1693	FWPX	848.05	848.26	0.21	0.77	0.16	3.25	0.05	0.04	0.01	0.01	0.11	0.16											
LES026	LES026M6	Mere	N1694	FWPX	848.26	848.46	0.20	0.77	0.15	3.26	0.01	0.01	0.01	0.01	0.04	0.15											
LES026	LES026U0	UG2	N3361	UG2PX2	1109.55	1109.75	0.20	0.64	0.13	3.25	0.03	0.03	0.01	0.01	0.08	0.13											
LES026	LES026U0	UG2	N3362	UG2PX2	1109.75	1109.94	0.19	0.64	0.12	3.25	0.10	0.07	0.03	0.01	0.21	0.12											
LES026	LES026U0	UG2	N3364	UG2L	1109.94	1110.21	0.27	0.64	0.17	3.23	0.45	0.37	0.14	0.02	0.98	0.17							0.17	17.01	17.01		0
LES026	LES026U0	UG2	N3365	UG2L	1110.21	1110.41	0.20	0.64	0.13	3.45	0.26	0.39	0.08	0.02	0.75	0.13							0.30	9.64	26.65		0
LES026	LES026U0	UG2	N3366	UG2A	1110.41	1110.61	0.20	0.64	0.13	3.47	0.25	0.21	0.08	0.02	0.56	0.13							0.43	7.20	33.85		0
LES026	LES026U0	UG2	N3368	UG2A	1110.61	1110.82	0.21	0.64	0.13	3.63	0.39	2.83	0.13	0.14	3.49	0.13							0.57	47.11	80.96		0
LES026	LES026U0	UG2	N3369	UG2A	1110.82	1111.00	0.18	0.64	0.12	3.56	0.26	0.39	0.09	0.01	0.75	0.12							0.68	8.68	89.64		0
LES026	LES026U0	UG2	N3370	UG2ANO	1111.00	1111.20	0.20	0.64	0.13	3.30	0.33	0.56	0.10	0.01	1.00	0.13							0.81	12.86	102.49		0
LES026	LES026U0	UG2	N3371	UG2ANO	1111.20	1111.40	0.20	0.64	0.13	2.78	0.03	0.05	0.01	0.01	0.10	0.13							0.94	1.29	103.78		0
LES026	LES026U0	UG2	N3372	UG2ANO	1111.40	1111.60	0.20	0.64	0.13	2.78	0.01	0.05	0.01	0.01	0.08	0.13							1.07	1.03	104.81		0
LES026	LES026U0	UG2	N3374	UG2B	1111.60	1111.79	0.19	0.64	0.12	3.49	0.94	1.06	0.25	0.01	2.26	0.12							1.19	27.60	132.41		0
LES026	LES026U0	UG2	N3375	UG2B	1111.79	1112.00	0.21	0.64	0.13	3.80	0.69	0.64	0.21	0.01	1.55	0.13							1.32	20.92	153.33		0
LES026	LES026U0	UG2	N3376	UG2B	1112.00	1112.20	0.20	0.64	0.13	3.80	0.87	0.42	0.27	0.01	1.57	0.13							1.45	20.18	173.51		0
LES026	LES026U0	UG2	N3377	UG2B	1112.20	1112.40	0.20	0.64	0.13	3.80	0.74	0.22	0.20	0.01	1.17	0.13							1.58	15.04	188.56		0
LES026	LES026U0	UG2	N3379	UG2B	1112.40	1112.59	0.19	0.64	0.12	3.81	0.52	0.13	0.14	0.01	0.8	0.12							1.70	9.77	198.33		0
LES026	LES026U0	UG2	N3380	UG2B	1112.59	1112.79	0.20	0.64	0.13	3.88	0.61	0.10	0.16	0.01	0.88	0.13							1.83	11.31	209.64		0
LES026	LES026U0	UG2	N3381	UG2B	1112.79	1112.97	0.18	0.64	0.12	3.89	0.69	0.10	0.18	0.01	0.98	0.12							1.95	11.34	220.98		0
LES026	LES026U0	UG2	N3382	UG2B	1112.97	1113.15	0.18	0.64	0.12	3.63	0.72	0.08	0.17	0.01	0.98	0.12	3.54	0.50	0.49	0.14	0.02	1.16	2.06	11.34	232.32	1.20	239.349
LES026	LES026U0	UG2	N3383	FW13ANO	1113.15	1113.35	0.20	0.64	0.13	2.76	0.05	0.02	0.01	0.01	0.09	0.13											
LES026	LES026U0	UG2	N3384	FW13ANO	1113.35	1113.54	0.19	0.64	0.12	2.80	0.06	0.02	0.01	0.01	0.1	0.12											
LES026	LES026U4	UG2	N3407	UG2PX2	1109.93	1110.13	0.20	0.64	0.13	3.21	0.02	0.03	0.01	0.01	0.07	0.13											
LES026	LES026U4	UG2	N3408	UG2PX2	1110.13	1110.33	0.20	0.64	0.13	3.25	0.02	0.02	0.01	0.01	0.06	0.13											
LES026	LES026U4	UG2	N3409	UG2L	1110.33	1110.52	0.19	0.64	0.12	3.17	0.25	0.26	0.07	0.02	0.6	0.12							0.12	7.33	7.33		0
LES026	LES026U4	UG2	N3410	UG2A	1110.52	1110.72	0.20	0.64	0.13	3.68	0.29	0.13	0.10	0.01	0.53	0.13							0.25	6.81	14.14		0
LES026	LES026U4	UG2	N3412	UG2A	1110.72	1110.90	0.18	0.64	0.12	3.65	0.34	0.13	0.11	0.01	0.59	0.12							0.37	6.83	20.97		0
LES026	LES026U4	UG2	N3413	UG2A	1110.90	1111.12	0.22	0.64	0.14	3.62	0.37	0.57	0.10	0.07	1.11	0.14							0.51	15.70	36.66		0
LES026	LES026U4	UG2	N3414	UG2A	1111.12	1111.33	0.21	0.64	0.13	3.77	0.33	1.01	0.12	0.05	1.51	0.13							0.64	20.38	57.05		0
LES026	LES026U4	UG2	N3415	UG2A	1111.33	1111.52	0.19	0.64	0.12	3.77	0.28	0.49	0.10	0.01	0.88	0.12							0.76	10.75	67.79		0
LES026	LES026U4	UG2	N3417	UG2A	1111.52	1111.72	0.20	0.64	0.13	3.22	0.12	0.20	0.05	0.01	0.38	0.13							0.89	4.89	72.68		0
LES026	LES026U4	UG2	N3418	UG2ANO	1111.72	1111.91	0.19	0.64	0.12	3.04	0.09	0.16	0.04	0.01	0.3	0.12							1.02	3.66	76.34		0
LES026	LES026U4	UG2	N3419	UG2ANO	1111.91	1112.11	0.20	0.64	0.13	3.02	0.09	0.20	0.03	0.01	0.33	0.13							1.14	4.24	80.59		0
LES026	LES026U4	UG2	N3420	UG2A	1112.11	1112.30	0.19	0.64	0.12	3.58	0.44	1.24	0.12	0.01	1.81	0.12							1.27	22.11	102.69		0
LES026	LES026U4	UG2	N3421	UG2A	1112.30	1112.48	0.18	0.64	0.12	3.38	0.66	1.11	0.20	0.01	1.98	0.12							1.38	22.91	125.60		0
LES026	LES026U4	UG2	N3423	UG2ANO	1112.48	1112.69	0.21	0.64	0.13	2.78	0.01	0.06	0.01	0.01	0.09	0.13							1.52	1.21	126.82		0
LES026	LES026U4	UG2	N3424	UG2ANO	1112.69	1112.88	0.19	0.64	0.12	2.80	0.03	0.05	0.01	0.01	0.1	0.12							1.64	1.22	128.04		0
LES026	LES026U4	UG2	N3425	UG2ANO	1112.88	1113.10	0.22	0.64	0.14	2.81	0.01	0.02	0.01	0.01	0.05	0.14							1.78	0.71	128.74		0
LES026	LES026U4	UG2	N3426	UG2ANO	1113.10	1113.30	0.20	0.64	0.13	2.79	0.01	0.04	0.01	0.01	0.07	0.13							1.91	0.90	129.64		0
LES026	LES026U4	UG2	N3427	UG2B	1113.30	1113.50	0.20	0.64	0.13	3.42	0.77	0.80	0.23	0.01	1.81	0.13							2.04	23.27	152.91		0
LES026	LES026U4	UG2	N3428	UG2B	1113.50	1113.69	0.19	0.64	0.12	3.80	0.65	0.61	0.19	0.01	1.46	0.12							2.16	17.83	170.74		0
LES026	LES026U4	UG2	N3430	UG2B	1113.69	1113.90	0.21	0.64	0.13	3.79	0.74	0.45	0.23	0.01	1.43	0.13							2.29	19.30	190.05		0
LES026	LES026U4	UG2	N3431	UG2B	1113.90	1114.11	0.21	0.64	0.13	3.78	0.80	0.24	0.23	0.01	1.28	0.13							2.43	17.28	207.32		0
LES026	LES026U4	UG2	N3432	UG2B	1114.11	1114.31	0.20	0.64	0.13	3.78	0.57	0.12	0.15	0.01	0.85	0.13							2.56	10.93	218.25		0
LES026	LES026U4	UG2	N3433	UG2B	1114.31	1114.48	0.17	0.64	0.11	3.83	0.69	0.11	0.17	0.01	0.98	0.11							2.67	10.71	228.96		0
LES026	LES026U4	UG2	N3434	UG2B	1114.48	1114.66	0.18	0.64	0.12	3.43	0.62	0.10	0.14	0.01	0.87	0.12	3.44	0.39	0.38	0.12	0.02	0.91	2.78	10.07	239.03	0.98	252.165
LES026	LES026U4	UG2	N3436	FW13ANO	1114.66	1114.83	0.17	0.64	0.11	2.81	0.16	0.02	0.02	0.01	0.21	0.11											
LES026	LES026U4	UG2	N3437	FW13ANO	1114.83	1115.00	0.17	0.64	0.11	2.78	0.02	0.01	0.01	0.01	0.05	0.11											
LES026	LES026U7	UG2	N3385	UG2PX2	1108.55	1108.75	0.20	0.64	0.13	3.26	0.02	0.01	0.01	0.01	0.05	0.13											
LES026	LES026U7	UG2	N3386	UG2PX2	1108.75	1108.95	0.20	0.64	0.13	3.29	0.07	0.02	0.01	0.01	0.11	0.13											
LES026	LES026U7	UG2	N3388	UG2S	1108.95	1109.16	0.21	0.64	0.13	3.32	0.51	1.09	0.16	0.05	1.81	0.13							0.13	24.43	24.43		0
LES026	LES026U7	UG2	N3389	UG2S	1109.16	1109.36	0.20	0.64	0.13	2.87	0.07	0.02	0.01	0.01	0.11	0.13							0.26	1.41	25.85		0
LES026	LES026U7	UG2	N3390	UG2L	1109.36	1109.56	0.20	0.64	0.13	3.64	0.33	0.25	0.10	0.01	0.69	0.13							0.39	8.87	34.72		0
LES026	LES026U7	UG2	N3391	UG2L	1109.56	1109.76	0.20	0.64	0.13	3.51	0.26	0.20	0.08	0.01	0.55	0.13							0.52	7.07	41.79		0
LES026	LES026U7	UG2	N3392	MANO	1109.76	1109.97	0.21	0.64	0.13	2.98	0.19	0.25	0.05	0.02	0.51	0.13							0.66	6.88	48.67		0
LES026	LES026U7	UG2	N3394	UG2A	1109.97	1110.17	0.20	0.64	0.13	3.68	0.40	0.31	0.12	0.02	0.85	0.13							0.78	10.93	59.60		0
LES026	LES026U7	UG2	N3395	UG2A	1110.17	1110.41	0.24	0.64	0.15	3.58	0.33	0.31	0.10	0.03	0.77	0.15							0.94	11.88	71.48		0
LES026	LES026U7	UG2	N3396	UG2A	1110.41	1110.63	0.22	0.64	0.14	3.49	0.27	0.54	0.08	0.03	0.92	0.14							1.08	13.01	84.49		0
LES026	LES026U7	UG2	N3397	UG2ANO	1110.63	1110.87	0.24	0.64	0.15	2.84	0.07	0.10	0.02	0.01	0.2	0.15							1.23	3.09	87.57		0
LES026	LES026U7	UG2	N3398	UG2B	1110.87	1111.07	0.20	0.64	0.13	3.63	0.77	0.93	0.24	0.01	1.95	0.13							1.36	25.07	112.64		0
LES026	LES026U7	UG2	N3399	UG2B	1111.07	1111.29	0.22	0.64	0.14	3.81	0.80	0.43	0.27	0.01	1.51	0.14							1.50	21.35	134.00		0
LES026	LES026U7	UG2	N3401	UG2B	1111.29	1111.51	0.22	0.64	0.14	3.81	0.63	0.15	0.16	0.01	0.95	0.14							1.65	13.43	147.43		0
LES026	LES026U7	UG2	N3402	UG2B	1111.51	1111.73	0.22	0.64	0.14	3.89	0.66	0.09	0.16	0.01	0.92	0.14							1.79	13.01	160.44		0
LES026	LES026U7	UG2	N3403	UG2B	1111.73	1111.93	0

Appendix 8: Basket Price per Ton Comparison for Eastern and Northern Limb Mines and Projects

Grade (g/t and % for Ni, Cu)

	Project	Modikwa	Lonmin Limpopo	Marula	Garatau	Tubatse	Eastern Limb Avg	Bokoni	Twickenham	Lesego	Ga-Pasha	Mogalakwena	PTM T-Zone	PTM F-Zone	Flatreef
Merensky	Platinum	1.6	2.07	2.4	1.94	2.02	2.77	3.1	3.02	3.32	3.17	1.14	1.14	1.11	1.95
	Palladium	0.84	1.16	1.4	1.98	1.93	1.48	1.35	1.54	1.85	1.52	1.35	1.93	2.36	2.01
	Rhodium	0.11	0.26	0.12	0.4	0.4	0.17	0.18	0.16	0.18	0.19	0.09	0.04	0.04	0.14
	Gold	0.15	0.15	0.23	0.09	0.09	0.30	0.29	0.32	0.35	0.32	0.15	0.83	0.18	0.30
	4E	**2.70**	**3.64**	**4.15**	**4.41**	**4.44**	**4.72**	**4.92**	**5.04**	**5.70**	**5.20**	**2.73**	**3.94**	**3.69**	**4.40**
	Ni (%)	0.14	0.17	0.29	0.13	0.13	0.20	0.21	0.29	0.25	0.22	0.18	0.08	0.16	0.34
	Cu (%)	0.05	0.11	0.12	0.04	0.04	0.09	0.09	0.12	0.13	0.08	0.10	0.16	0.07	0.17

Value per tonne (US$)

	Project	Modikwa	Limpopo	Marula	Garatau	Tubatse	Eastern Limb Avg	Bokoni	Twickenham	Lesego	Ga-Pasha	Mogalakwena	PTM T-Zone	PTM F-Zone	Flatreef
Merensky	Platinum	51.85	67.09	77.78	62.87	65.47	89.77	100.47	97.87	107.60	102.70	36.95	36.95	35.97	63.20
	Palladium	29.52	40.76	49.20	69.58	67.82	52.01	47.44	54.12	65.01	53.49	47.44	67.82	82.93	70.63
	Rhodium	5.98	14.13	6.52	21.73	21.73	9.24	9.78	8.69	9.78	10.16	4.89	2.17	2.17	7.61
	Gold	6.53	6.53	10.01	3.92	3.92	13.06	12.62	13.93	15.28	14.02	6.53	36.13	7.84	13.06
	Ni	18.58	22.56	38.48	17.25	17.25	25.87	27.86	38.48	33.17	29.19	23.88	10.62	21.23	45.11
	Cu	3.56	7.82	8.53	2.84	2.84	6.04	6.40	8.53	9.24	5.69	7.11	11.38	4.98	12.09
	Total	**116.01**	**158.88**	**190.52**	**178.20**	**179.03**	**196.00**	**204.58**	**221.63**	**240.09**	**215.25**	**126.80**	**165.07**	**155.12**	**211.70**

154.66

Grade (g/t and % for Ni, Cu)

		Limpopo	Garatau	Twickenham	Modikwa	Eastern Limb Avg	Bokoni	Lesego	Tubatse	Marula	Ga-Pasha	Mogalakwena	PTM T-Zone	PTM F-Zone	Flatreef
UG2	Platinum	2.1	3.22	2.48	2.63	2.79	2.63	2.81	4.26	3.74	2.58	1.14	1.14	1.11	1.95
	Palladium	1.9	1.53	2.72	2.76	2.93	3.12	2.72	1.99	3.74	2.94	1.35	1.93	2.36	2.01
	Rhodium	0.35	0.16	0.47	0.52	0.51	0.52	0.48	0.28	0.77	0.51	0.09	0.04	0.04	0.14
	Gold	0.1	0.44	0.09	0.08	0.11	0.12	0.12	0.64	0.08	0.11	0.15	0.83	0.18	0.30
	4E	**4.45**	**5.35**	**5.76**	**5.99**	**6.34**	**6.39**	**6.13**	**7.17**	**8.33**	**6.14**	**2.73**	**3.94**	**3.69**	**4.40**
	Ni	0.14	0.14	0.14	0.13	0.14	0.17	0.17	0.13	0.14	0.15	0.18	0.08	0.16	0.34
	Cu	0.09	0.02	0.02	0.03	0.04	0.06	0.06	0.03	0.02	0.04	0.10	0.16	0.07	0.17
			Base Metals copied from Twickenham						Base Metals copied from Modikwa	Base Metals copied from Twickenham					

Value per tonne (US$)

	Project	Limpopo	Garatau	Twickenham	Modikwa	Eastern Limb Avg	Bokoni	Lesego	Tubatse	Marula	Ga-Pasha	Mogalakwena	PTM T-Zone	PTM F-Zone	Flatreef
UG2	Platinum	68.06	104.36	80.37	85.23	90.42	85.23	91.19	138.06	121.21	83.69	36.95	36.95	35.97	63.20
	Palladium	66.77	53.77	95.58	96.99	102.96	109.64	95.43	69.93	131.43	103.25	47.44	67.82	82.93	70.63
	Rhodium	19.02	8.69	25.54	28.25	27.71	28.25	26.31	15.21	41.84	27.66	4.89	2.17	2.17	7.61
	Gold	4.35	19.15	3.92	3.48	4.79	5.22	5.07	27.86	3.48	4.81	6.53	36.13	7.84	13.06
	Ni	18.58	18.58	18.58	17.25	18.58	22.56	23.09	17.25	18.58	19.90	23.88	10.62	21.23	45.11
	Cu	6.40	1.42	1.42	2.13	2.84	4.27	4.48	2.13	1.42	2.84	7.11	11.38	4.98	12.09
	Total	**183.17**	**205.97**	**225.41**	**233.34**	**247.30**	**255.18**	**245.57**	**270.45**	**317.96**	**242.16**	**126.80**	**165.07**	**155.12**	**211.70**

185.65

Price Assumptions 26 January 2018

Basket Price	Unit	Spot
Platinum	$/Oz	1 008
Palladium	$/Oz	1 093
Rhodium	$/Oz	1 690
Gold	$/Oz	1 354
Ni	$/t	13 269
Cu	$/t	7 110

Barker, 2008; Hall, 2013