

Licence

Licence number	L9342/2022/1
l iconco holder	Doral Mineral Sands Ptv I td
ACN	096 342 451
Registered business address	1 Alumina Road
	EAST DOCKINICHAM W/A 6168
	EAST ROCKINGHAM WA 6100
DWER file number	DER2022/000142
Duration	08/03/2023 to 08/03/2033
Date of issue	08/03/2023
Premises details	Yalyalup Mineral Sands Mine
	South of Princefield Road;
	West of Ludlow-Hithegreen Road;
	North of Yalyalup road; and
	East of Wonnerup South Road
	YALYALUP WA
	Legal description –
	Tenement M70/1400 and as described in Schedule 2

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production capacity	
Category 8: Mineral sands mining or processing: premises on which mineral sands ore is mined, screened, separated or otherwise processed.	3,500,000 tonnes per annual period	
Category 6: Mine dewatering: premises on which water is extracted and discharged into the environment to allow mining of ore.	750,000 tonnes per annual period	

This licence is granted to the licence holder, subject to the attached conditions, on 8 March 2023, by:

A/MANAGER, RESOURCES INDUSTRIES

an officer delegated under section 20 of the Environmental Protection Act 1986 (WA)

L9342/2022/1

IR-T06 Licence template (v8.0) (September 2022)

Licence history

Date	Reference number	Summary of changes		
8/03/23	L9342/2022/1	Licence granted.		

Interpretation

In this licence:

(a) the words 'including', 'includes' and 'include' in conditions mean "including but not limited to", and similar, as appropriate;

where any word or phrase is given a defined meaning, any other part of speech or other grammatical form of that word or phrase has a corresponding meaning;

where tables are used in a condition, each row in a table constitutes a separate condition;

any reference to an Australian or other standard, guideline, or code of practice in this licence:

- (i) if dated, refers to that particular version; and
- (ii) if not dated, refers to the latest version and therefore may be subject to change over time;

unless specified otherwise, any reference to a section of an Act refers to that section of the EP Act; and

unless specified otherwise, all definitions are in accordance with the EP Act.

NOTE: This licence requires specific conditions to be met but does not provide any implied authorisation for other emissions, discharges, or activities not specified in this licence.

Licence conditions

The licence holder must ensure that the following conditions are complied with:

Infrastructure and equipment

1. The licence holder must ensure that the site infrastructure and equipment listed in Table 1 and located at the corresponding infrastructure location is maintained and operated in accordance with the corresponding operational requirement set out in Table 1.

Site infrastructure and equipment	Operational requirement	Infrastructure location
Light towers and workshop	 Turn off unnecessary lights at Princefield Road workshop and lower light angles. Lower light towers in pit at night and turn off loader flashing light to protect receptors on Yalyalup road. 	Within prescribed premises boundary
Tailings and return water pipelines	 3) Pipelines to be equipped with: (a) automatic cut-outs in the event of a pipe failure; or (b) provided with secondary containment sufficient to contain any spill for a period equal to the time between routine inspections; or (c) equipped with telemetry systems and pressure sensors along pipelines to allow the detection of leaks and failures. 	Throughout the premises. Pipelines may be realigned and extended as required as mining progresses
Solar evaporation ponds	 Decant weir boxes and overflow drains to the process water dam; Depth markers are to be maintained A freeboard of 500mm to be maintained at all times 	Shown as 'SEP/Tails storage dam' in Schedule 1
Process water dam, drop out dam and associated infrastructure	 Process water dam and drop out dam may only discharge to licensed discharge and emergency discharge points in accordance with conditions 2 & 3 Flow metering device to be maintained at licensed discharge and emergency discharge points as shown in Figure 1, Schedule 1. 	Shown as 'process water dam' and 'drop out dam' in Schedule 1.
Feed Preparation Plant and associated infrastructure	 Maintain 6m L-shaped bund and a 6 m ore stockpile at the Feed Preparation area to minimise noise emissions Feed preparation plant floor to remain 2 m below the natural ground surface Insulate or partly enclose the apron feeder, scalping and double-deck screens 	Within prescribed premises boundary
Wet concentrator plant and associated	12) Maintain noise insulating drapes on the ground level of plant	Shown as 'concentrator' and 'HMC pad' in

Site infrastructure Operational requirement and equipment		Infrastructure location	
infrastructure	 Heavy mineral concentrate pad to be bunded and have a leachate collection system to capture run-off. 	Figure 1, Schedule 1	

Emissions and discharges

2. During operations, the licence holder must ensure that the emission(s) specified Table 2 are discharged only from the corresponding discharge point(s) and only at the corresponding discharge point location(s).

Table 2: Authorised discharge points

Em	ission	Discharge point	Discharge point location		
1.	Clay fines	Unlined solar evaporation ponds	Shown as 'SEP/Tails storage dam' in Figure 1, Schedule 1		
2.	Process water ¹ and harvested stormwater	Unlined process water dam, drop out dam	Shown as 'process water dam' and 'drop out dam' in Figure 1, Schedule 1		
3.	Sand and clay tailings	Mine voids	Within the area listed as 'orebody'		
4.	Dried clay slimes from solar evaporation ponds		or 'orebody deep strand' in Figure 1, Schedule 1		
5.	Process water ¹ from the	Licence discharge point	Shown as 'Licence Discharge Point' in Figure 1, Schedule 1		
6.	drop out dam and harvested stormwater	Emergency Discharge point 1, 2, 3 or 4 ²	Shown as 'Emergency Discharge Point 1' to 'Emergency Discharge Point 4' in Figure 1, Schedule 1		

Note 1: Dewatering water, tails return water, recycled process water.

Note 2: Emergency discharge points may only be used to prevent overtopping when all water storages are full and discharge through the licence discharge point is insufficient. Only one emergency discharge point may be in use at any stage of mining.

3. During operations, the licence holder must ensure that the emissions from the discharge point listed in Table 3 do not exceed the corresponding limit(s) when monitored in accordance with condition 9.

Table 3: Emission and discharge limits

Discharge point as depicted in Figure 1, Schedule 1	Parameter	Limit
Licence discharge point	рН	5.5 (lower)
Emergency Discharge points		8.5 (upper)
1, 2, 3 or 4	Electrical conductivity @ 25°C	2,500 µS/cm
	Total dissolved solids	1,500 mg/L (upper)
	Total suspended solids	80 mg/L (upper)
	Total titratable acidity	65 mg/L (upper)
	Total alkalinity	10 mg/L (lower)

- **4.** During operations, the licence holder shall:
 - (a) undertake inspections as detailed in Table 4
 - (b) where any inspection identifies that an appropriate level of environmental protection is not being maintained, take corrective action to mitigate adverse environmental consequences as soon as practicable; and
 - (c) maintain a record of all inspections undertaken.

Table 4: Inspection of infrastructure

	Scope of inspection	Type of inspection	Frequency of inspection
1.	Sand and clay tailings pipelines	Visual integrity and	Each daily period whilst
2.	Return water pipelines		period if not operating.
3.	Solar evaporation ponds, process water dam, drop out dam		

Monitoring

- **5.** The licence holder shall ensure that:
 - (a) all water samples are collected and preserved in accordance with AS/NZS 5667.1;
 - (b) all surface water sampling is conducted in accordance with AS/NZS 5667.6;
 - (c) all groundwater sampling is conducted in accordance with AS/NZS 5667.11;
 - (d) all noise measurements are carried out in accordance with Part 3 of the Environmental Protection (Noise) Regulations 1997 (as applicable); and
 - (e) all laboratory samples are submitted to and tested by a laboratory with current NATA accreditation for the parameters being measured unless indicated otherwise in the relevant table.
- **6.** The licence holder must ensure that:
 - (a) monitoring is undertaken in each weekly period such that there are at least 4 days in between the days on which samples are taken in successive weeks;
 - (b) monitoring is undertaken in each monthly period such that there are at least 15 days in between the days on which samples are taken in successive months;
 - (c) monitoring is undertaken in each quarterly period such that there are at least 45 days in between the days on which samples are taken in successive quarters;
 - (d) monitoring is undertaken in each six-monthly period such that there are at least 5 months in between the days on which samples are taken in successive periods of six months
- **7.** The licence holder shall ensure that all monitoring equipment used on the Premises to comply with the conditions of this licence is calibrated in accordance with the manufacturer's specifications.
- 8. The licence holder shall, where the requirements for calibration cannot be practicably met, or a discrepancy exists in the interpretation of the requirements, bring these issues to the attention of the CEO accompanied with a report comprising details of any modifications to the methods.

Monitoring – Point source discharge of water

9. The licence holder must monitor emissions in accordance with Table 5.

Discharge point as depicted in Figure 1, Schedule 1	Parameter	Unit	Frequency	
Licence Discharge Point	Volumetric flow rate	m³/d	Continuous when discharging	
Emergency	рН ¹	-	On the first day of discharge then three	
Discharge Point 1	Electrical conductivity (EC) ¹	µS/cm	times per week during discharge	
Emergency Discharge Point 2 Emergency	total titratable acidity (TTA), total alkalinity, total suspended solids (TSS), Total Dissolved Solids (TDS) ¹	mg/L	_	
Discharge Point 3 Emergency Discharge Point 4	aluminium, arsenic, chromium, copper, nickel, cobalt, selenium zinc, uranium ²	mg/L	Each weekly period, if TTA >Total alkalinity for any sample in that week	
	pH ¹	-	On the first day of discharge then each	
	EC ¹	µS/cm	monthly period during discharge	
	TTA, total alkalinity, TSS, TDS ¹	mg/L		
	sodium, chloride, sulphate, nitrate, aluminium, arsenic, chromium, copper, nickel, cobalt, selenium zinc, uranium ²			
	total recoverable hydrocarbons			

Table 5: Emissions and discharge monitoring

Note 1: In-field non-NATA accredited analysis permitted.

Note 2: Analysis of total metals required.

10. The licence holder must record the results of all monitoring activity required by condition 9.

Monitoring - ambient meteorological conditions

11. The licence holder must monitor the ambient meteorological conditions at the premises in accordance with the requirements specified in Table 6: Monitoring of ambient meteorological conditions and record the results of all such monitoring.

Table 6: Monitoring of ambient meteorological conditions

Parameter	Unit	Monitoring location(s)	Height	Frequency	Averaging period	Method
Wind speed	m/s	AQ1, AQ2, AQ3	4.5 m	Continuous	15 minute	AS
Wind direction	degrees		above around		average	3580.14
Wind direction (standard deviation)			level			

Monitoring - ambient dust and noise

12. The licence holder must monitor for ambient dust for the identified parameters in accordance with Table 7.

Purpose	Parameter	Monitoring location ¹	Unit	Frequency 2,3	Averaging period	Target (upper)
Receptors	PM10	AQ2-AQ3	µg/m³	3 continuous days per month ^{4,5}	15min	50 μg/m ³ (24- hour average)
Informing dust management	TSP	AQ1, AQ2, AQ3	µg/m³	3 continuous days per month ^{4,5}	15min	-

Note 1: Monitoring locations as shown in Schedule 1.

Note 2: During the period 1 October to 31 May of the following year

Note 3: Availability \geq 90% of the measurement intervals on a monthly basis.

Note 4: During period outside of required 3d/month at each site, continuous monitoring to occur at monitoring point AQ2. Continuous monitoring means a minimum of 22 days/month required at AQ2.

Note 5: Additional monitoring, up to and including continuous is required to commence within 7 days at AQ1, AQ2, AQ3 or to the north of the premises, if requested by the CEO in response to a dust complaint from a member of the public. To continue until issue is resolved and approval given by the CEO.

13. The licence holder must monitor for ambient noise in accordance with Table 8.

Table 8: Monitoring of ambient noise concentrations

Parameter	Monitoring location	Unit	Frequency	Averaging period
LAS 90, 30min				
LAS 10, 30min	AN1, AN2, AN3 - as shown in Schedule 1	dB	3 days per month ^{2,3}	Continuous ¹ logging with 30 minute averages
L _{Aeq(20Hz-500Hz),}				
30min				

Note 1: Availability ≥90% of the measurement intervals on a monthly basis.

Note 2: During period outside of 3d/month continuous monitoring to continue at monitoring point where mining activities most closely approach residential receptors. Continuous monitoring means a minimum of 22 days/month.

Note 3: Continuous monitoring is required to commence within 7 days, if requested by the CEO in response to a noise complaint from a member of the public. To continue until issue is resolved and approval given by the CEO.

- **14.** The licence holder must record the results of all monitoring activity required by conditions 12 and 13.
- **15.** Where any target in Table 7: Monitoring of ambient dust concentrations is exceeded, the licence holder shall investigate and record the cause of the exceedance
- **16.** Where the monitored ambient noise levels required by Table 8: Monitoring of ambient noise concentrations indicate an exceedance of an assigned level specified in Table 1, Regulation 8 of the Environmental Protection (Noise) Regulations 1997, the Licence Holder shall undertake an investigation of the exceedance, including but not limited to:
 - a) the root cause analysis of the exceedance; and
 - b) any common or contributory factors for the exceedance.

Monitoring – ambient surface water quality

- **17.** The licence holder must monitor the surface water for concentrations of the parameter listed in Table 9:
 - (a) at the corresponding monitoring location;
 - (b) in the corresponding unit;
 - (c) at no less that the corresponding frequency; and
 - (d) for the corresponding averaging period

as set out in Table 9.

Table 9: Monitoring of ambient surface water

Parameter	Monitoring location	Unit	Frequency	Averaging period
pH ¹		No unit		
Electrical conductivity @ 25°C	YALSW03 YALSW05	µS/cm	Each monthly	
Total dissolved solids (TDS)	YALSW11, YALSW12,	mg/L	period when flowing	Spot sample
Total suspended solids (TSS)	YALSW13, YALSW15			
Sulphate			U U	

Note 1: In-field non-NATA accredited analysis permitted.

18. The licence holder must record the results of all monitoring activity required by condition 17.

Monitoring –groundwater

- **19.** The licence holder must conduct a groundwater monitoring programme in accordance with the requirements specified in condition 21 and record the results of all monitoring activity conducted under that programme.
- **20.** The licence holder must adhere to the field quality assurance and quality control procedures specified in condition 22 for the monitoring required by condition 19.
- **21.** The licence holder must monitor groundwater for concentrations of the identified parameter(s) in accordance with Table 10.

 Table 10: Groundwater monitoring of ambient concentrations

Monitoring well location	Parameter	Unit	Frequency	Method
	Standing water level ¹	m AHD, and mbgl	Each monthly period	Spot sample
	pH ¹	-		Spot sample, in accordance with AS/NZS 5667.11.
YA_MB01S to YA_MB12S, TSO12M.	Electrical conductivity @ 25°C1	µS/cm		
	Redox potential (Eh)	mV		
SCPD28Å, SCPD29Å	Major ions: bicarbonate, calcium, chloride, magnesium, potassium, sodium, sulfate, total dissolved solids	mg/L		
	Total titratable acidity (TTA)			
	Total alkalinity (TAlk)			

Monitoring well location	Parameter	Unit	Frequency	Method
SCPD28A, YA_MB07S, YA_MB10S	aluminium, arsenic, cadmium, chromium (both as Cr VI and total Cr), cobalt, copper, iron, mercury, nickel, selenium, thallium, uranium, zinc ²	mg/L	Each six-monthly period	
	Radium-226, radium-228	Bq/L		

Note 1: In-field non-NATA accredited analysis permitted.

Note 2: Analysis of total metals required.

Quality assurance and quality control requirements

- **22.** The licence holder must adhere to the following field quality assurance and quality control procedures, as specified in Schedule B2 of the Assessment of Site Contamination NEPM, and must include as a minimum:
 - (a) decontamination procedures for the cleaning of tools and sampling equipment before sampling and between samples;
 - (b) field instrument calibration for instruments used on site;
 - (c) blind replicate samples and rinsate blanks must be collected in the field and sent to the primary laboratory to determine the precision of the field sampling and laboratory analytical program;
 - (d) completed field monitoring sheets / sampling logs for each sample collected, showing:
 - (i) time of collection;
 - (ii) location of collection;
 - (iii) initials of sampler;
 - (iv) sampling method;
 - (v) field analysis results;
 - (vi) duplicate type / location (if relevant); and
 - (vii) site observations and weather conditions, and
 - (e) chain-of-custody documentation must be completed which details the following information:
 - (i) site identification;
 - (ii) the sampler;
 - (iii) nature of the sample;
 - (iv) collection time and date;
 - (v) analyses to be performed;
 - (vi) sample preservation method;
 - (vii) departure time from site;
 - (viii) dispatch courier(s); and
 - (ix) arrival time at the laboratory.

Dust and Noise emission management

23. The licence holder shall ensure noise emissions are managed in accordance with the

requirements specified in Table 11: Management of noise and vibration measures

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	Contr	ols
Equipment	1)	Use the quietest equipment reasonably available.
controis	2)	Install silencers where practicable to reduce exhaust noise of machines.
	3)	Utilise broad band reversing (squawkers) as opposed to reversing beepers.
	4)	Maintain sound suppression matting over scalping screen.
	5)	In hopper vibrators to be operated manually only when needed and operate for a maximum of 2 minutes at a time.
Operating times	6)	During evening and night periods (1900 to 0700), all earthworks and mining activities within mining pits shall cease, and only the Concentrator, Feed Preparation plant and associated process water pumps are to be operated.
	7)	Water cart and grader are to be used only during the hours of 0700 – 1900 hours Monday to Saturday; and 0900-1900 hours on Sunday and public holidays.
	8)	Restrict the operation of machinery, particularly the operation of bulldozers, relative to worst case weather conditions on Sundays and Public holidays to minimise potential noise impacts.
	9)	Dozer activity is to be minimised before 0900 on weekends.
	10)	No mining is to occur within 300m of a residence while occupied by a member of the public unless an amenity agreement is in place.
Other management actions	11)	When wind is from a northerly direction, dozer operation is to be minimised. If a noise complaint is received from receptors to the south during this time, dozer operation is to cease until the wind is no longer from a northerly direction.
	12)	Equipment shall be relocated if noise monitoring indicates activities on the Premises are significantly contributing to noise levels that are likely to exceed the Noise Regulations at nearby receptor(s); and
	13)	Operations to be suspended if equipment relocation or adjustment fails to reduce the likelihood of noise non-compliance at nearby receptor(s).

24. The licence holder shall ensure fugitive dust emissions are managed in accordance with the requirements specified in Table 12.

Table 12: Management of fugitive dust emissions

	Controls	
Dust controls /	1) Minimising disturbed area at any given time	
actions	 Stripping operations to be suspended during high wind conditions dust management controls are inadequate 	if
	 Use of water carts on high traffic and haulage areas to manage du emissions 	JSt

	4)	Spreading stockpiles, noise control bunds and pond embankments with fine clay solution or PVA sealant
	5)	Minimise the number and size of stockpiles, by the direct use of overburden as backfill and the direct replacement of topsoil wherever possible;
	6)	Spraying HMC stockpiles at the mine with water if they dry to the extent dust generation occurs.
	7)	No mining is to occur within 300m of a residence while occupied by a member of the public unless an amenity agreement is in place.

Records and reporting

- **25.** The licence holder must record the following information in relation to complaints received by the licence holder (whether received directly from a complainant or forwarded to them by the Department or another party) about any alleged emissions from the premises:
 - (a) the name and contact details of the complainant, (if provided);
 - (b) the time and date of the complaint;
 - (c) the complete details of the complaint and any other concerns or other issues raised; and
 - (d) the complete details and dates of any action taken by the licence holder to investigate or respond to any complaint.
- **26.** The licence holder must:
 - (a) undertake an audit of their compliance with the conditions of this licence during the preceding annual period; and
 - (b) prepare and submit to the CEO by no later than 30 days after the end of that annual period an Annual Audit Compliance Report in the approved form.
- **27.** The licence holder must maintain accurate and auditable books including the following records, information, reports, and data required by this licence:
 - (a) the calculation of fees payable in respect of this licence;
 - (b) any maintenance of infrastructure that is performed in the course of complying with condition 1 of this licence;
 - (c) monitoring programmes undertaken in accordance with conditions 5 to 21 of this licence; and
 - (d) complaints received under condition 25 of this licence.
- **28.** The books specified under condition 25 must:
 - (a) be legible;
 - (b) if amended, be amended in such a way that the original version(s) and any subsequent amendments remain legible and are capable of retrieval;
 - (c) be retained by the licence holder for the duration of the licence; and
 - (d) be available to be produced to an inspector or the CEO as required.
- **29.** The licence holder must submit to the CEO by no later than 60 days after the end of each annual period, an Annual Environmental Report for that annual period for the

conditions listed in Table 13, and which provides information in accordance with the corresponding requirement set out in Table 13.

Table 13: Annual Environmental Report

Condition	Requirement	
9	Point source discharge monitoring data	
11	Metrological monitoring data	
12	Dust monitoring data	
13	Noise monitoring data	
15	Dust exceedance investigation	
16	Noise exceedance investigation	
25	Summary of complaints	

Definitions

In this licence, the terms in Table 14 have the meanings defined.

Table 14: Definitions

Term	Definition
Annual Period	A 12 month period commencing from 1 July until 30 June of the immediately following year.
AS 3580.14	AS/NZS 3580.14:2014 Methods for sampling and analysis of ambient air – meteorological monitoring for ambient air quality monitoring applications, as amended from time to time.
books	has the same meaning given to that term under the EP Act.
CEO	means Chief Executive Officer. CEO for the purposes of notification means: Director General Department administering the <i>Environmental Protection Act 1986</i> Locked Bag 10 Joondalup DC WA 6919 <u>info@dwer.wa.gov.au</u>
condition	A condition of this licence.
Department	means the department established under section 35 of the <i>Public Sector</i> <i>Management Act 1994</i> and designated as responsible for the administration of Part V Division 3 of the EP Act.
discharge	has the same meaning given to that term under the EP Act.
emission	has the same meaning given to that term under the EP Act.
EP Act	means the Environmental Protection Act 1986 (WA).
EP Regulations	means the Environmental Protection Regulations 1987 (WA).
Las 90,30min and Las 10,30min	means the A-weighted level exceeded for more than 90% and 10%, respectively, of the time over 30 minutes with the sound level meter set to 'Slow' time weighting.
LAeq(20Hz-500Hz),30min	means the A-weighted equivalent noise level between 20 Hz and 500 Hz (one-third octave bands inclusive) averaged over 30 minutes.
ΝΑΤΑ	means the National Association of Testing Authorities, Australia.
NATA accredited	means in relation to the analysis of a sample that the laboratory is NATA accredited for the specified analysis at the time of the analysis.
Noise Regulations	Means the Environmental Protection (Noise) Regulations 1987 (WA).
mbgl	Meters below ground level
monthly period	means a one-month period commencing from the first day of a calendar

Term	Definition
	month until the last day of that calendar month.
PM ₁₀	means particles with an aerodynamic diameter of less or equal to 10 $\mu\text{m}.$
premises	the premises to which this licence applies, as specified at the front of this licence and as shown on the premises map (Figure 1) in Schedule 1 and coordinates Schedule 2 to this licence.
prescribed premises	has the same meaning given to that term under the EP Act.
spot sample	means a discrete sample representative at the time and place at which the sample is taken.
Suitably Qualified Engineer	suitably qualified engineer who holds as a minimum a Bachelor of Engineering recognised by the Australian Institute of Engineers and has a minimum professional experience of three years.
TSP	means total suspended particles each having an equivalent aerodynamic diameter of less than 50 micrometres.
μS/cm	means microSiemens per centimetre.

END OF CONDITIONS

Schedule 1: Maps



Figure 1: Map of the boundary of the prescribed premises



Figure 2: Premises map showing surface water discharge and monitoring locations

Schedule 2: Premises boundary

The corners of the premises boundary are the coordinates listed in Table 13.

Licence holder to please provide GPS coordinates for the premsies boundary.

Table 13: Premises boundary coordinates (GDA2020)

	Easting	Northing	Zone
1.	359382.8	6271718.9	50
2.	360651.1	6271737.6	50
3.	360714.8	6271738.5	50
4.	361254.1	6271746.5	50
5.	361256.5	6271597.3	50
6.	360793.6	6271589.7	50
7.	360707.0	6271568.3	50
8.	359303.5	6271545.6	50
9.	359313.9	6270899.3	50
10.	359813.2	6270912.6	50
11.	359825.5	6270163.4	50
12.	359825.2	6270163.4	50
13.	359810.5	6270162.5	50
14.	359652.7	6270088.4	50
15.	359633.4	6270082.3	50
16.	359118.3	6270068.5	50
17.	358623.3	6270055.3	50
18.	358301.7	6270046.7	50
19.	358297.7	6270188.8	50
20.	358155.6	6270185.0	50
21.	358159.4	6270042.8	50
22.	357819.0	6270033.7	50

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23.	357798.9	6270033.1	50
24.	357058.2	6270013.1	50
25.	356813.8	6270385.8	50
26.	356800.2	6270881.4	50
27.	356821.5	6270882.0	50
28.	356799.5	6271687.9	50
29.	356819.6	6271688.3	50
30.	356814.5	6271883.7	50
31.	359476.6	6271923.3	50