

**ScandiVanadium Limited** (ASX:SVD) (the **Company** or **ScandiVanadium**) is pleased to report on an active September quarter in which it completed a helicopter electro-magnetic (HEM) survey over the Pascalle Project and reviewed extensive historical geophysical datasets over the Paterson South Projects in Paterson Province and the Gnama Nickel Project in the Fraser Range of Western Australia.

#### **HIGHLIGHTS**

- **Pascalle Gold Project (100%)**
  - 75km<sup>2</sup> located in the Paterson province - one of the most sought-after exploration districts in Western Australia
  - Proximity to Newcrest's Telfer Mine (14km) and Greatland Gold's Havieron discovery (20km)
  - Initial review of HEM data shows no clear evidence of massive sulphides, however, potential for disseminated and/or stringer-breccia style gold-copper sulphides remains untested
  - Review of final processed EM and magnetic data alongside the gravity data to define local prospect targets with structural interpretation ongoing
- **Paterson South Project (100%)**
  - Identification of and application for three exploration licences covering 950km<sup>2</sup> in the Paterson Province, significantly expanding the Company's land position
  - Approximately 120km south east of the Pascalle Project area
  - Paterson South Project (Tabletop 2 anomaly) displays vertically stacked magnetic/gravity bullseye anomaly with potential for high-density gold-copper mineralisation above an intrusive
  - Further exploration programmes under development
- **Gnama Nickel Project (100%)**
  - 56km<sup>2</sup> along strike from the Nova-Bollinger Mine (Independence Group) and Mawson discovery (Legend Mining), in the Fraser Range
  - Historic drilling intersected shallow oxide mineralisation indicating the potential for a sulphide source at depth. Intersections included:
    - 16m @ 0.60% Ni, 0.14% Cu and 0.13% Co and
    - 20m @ 0.57% Ni, 0.17% Cu and 0.08% Co
  - Review of existing geophysical database including 15.1 line kilometres of MLEM and FLEM ground based electro-magnetic (EM) survey data identifies key area for follow up
- Appointment of David Frances as Executive Chairman
- Cash balance at 30 September 2020 of \$2.284

## Projects

### Pascalle Gold Project (ScandiVanadium 100%)

The Pascalle Gold Project is located in the heart of the Paterson Province within 20km of Newcrest Mining's (ASX:NCM), 32Moz Telfer Mine. Renewed exploration of the Paterson Province in recent years has resulted in significant discoveries, including Greatland Gold's (AIM:GGP) Havieron Discovery (with results including 275m @ 4.8g/t Au and 0.6% Cu) and Rio Tinto's (ASX:RIO) Winu Discovery (with results including 681m @ 0.49% Cu and 0.33g/t Au).

The Pascalle tenement is situated roughly equidistant between Telfer and Havieron. The tenement remains under-explored as bedrock sits beneath 20-50m of cover limiting the application of traditional exploration methods. The project area has a number of key geological similarities with other major discoveries in the region including a heat source (O'Callaghan's Granite) to generate circulation of metal rich fluids, hydrothermal pathways along basement faults, and both structural and stratigraphic traps to concentrate mineral deposition.

Preliminary processing of initial HEM survey results shows no evidence of massive sulphide, meaning that if sulphides are present there is not enough connectivity between the grains to create a conductive body. The survey has recorded 14 subtle anomalies that could be related to bedrock conductors but could also be explained by local near surface conductivity variations.

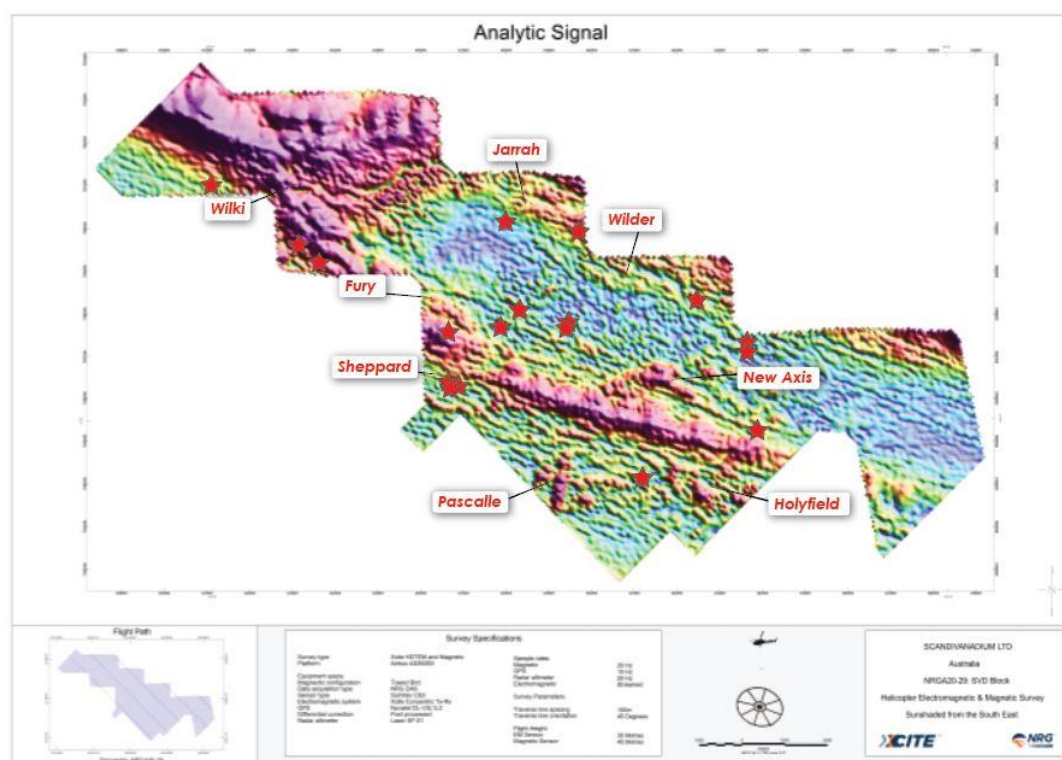
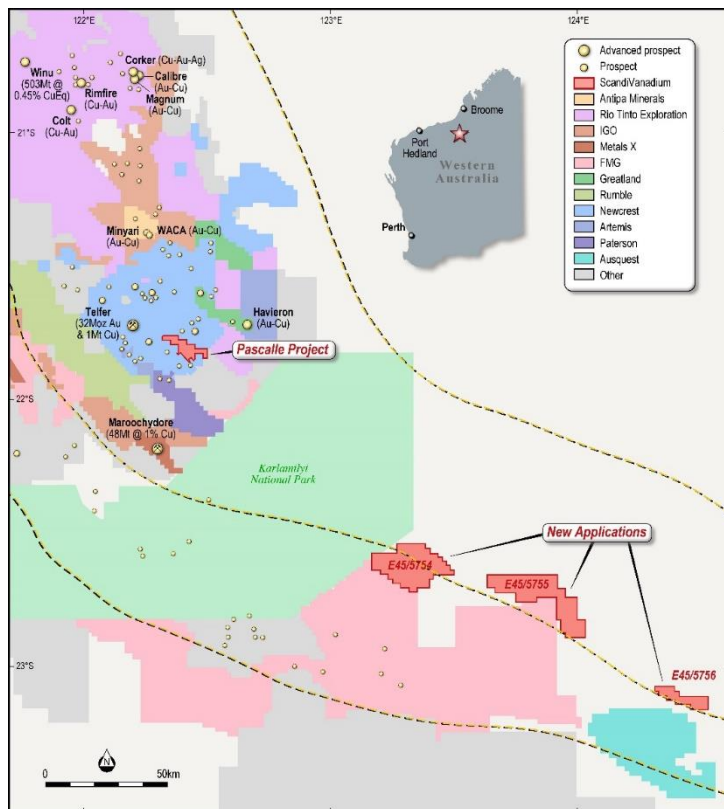


Figure 1: Preliminary data from NRG Xcite HEM/AMAG Survey at Pascalle with magnetic anomalies (named) and 3<sup>rd</sup> order EM anomalies (red stars).

### Paterson South Project (ScandiVanadium 100%)

The Paterson South Project comprises three tenement applications totalling 950km<sup>2</sup> approximately 120km south east of the Pascalle Project area. The new tenements applied for by ScandiVanadium target exciting geophysical targets under 400-500m of cover thought to be prospective for Telfer,

Winu and Havieron style mineralisation. These new applications are located in the underexplored southern portion of the Paterson Province, with the same host formations and structures common to the major mineral deposits in the region further to the north. Despite the known geological affinities, the area has seen very limited historic exploration. Neighbouring tenements are owned by FMG (ASX:FMG) and Ausquest (ASX:AQD), with FMG recently completing a large AEM survey over their adjacent tenements to the south.



*Location of new tenement applications in the Paterson Province.*

A review of all available historic geophysical data was completed on the 950km<sup>2</sup> of application ground in the Paterson Province of Western Australia. The company identified a number of regional and local datasets, including a detailed ground-based gravity survey undertaken by Haines Surveys at 300m line spacing. Multiple geophysical anomalies have been identified and remain untested, of note is the Tabletop 2 anomaly (Figure 3).

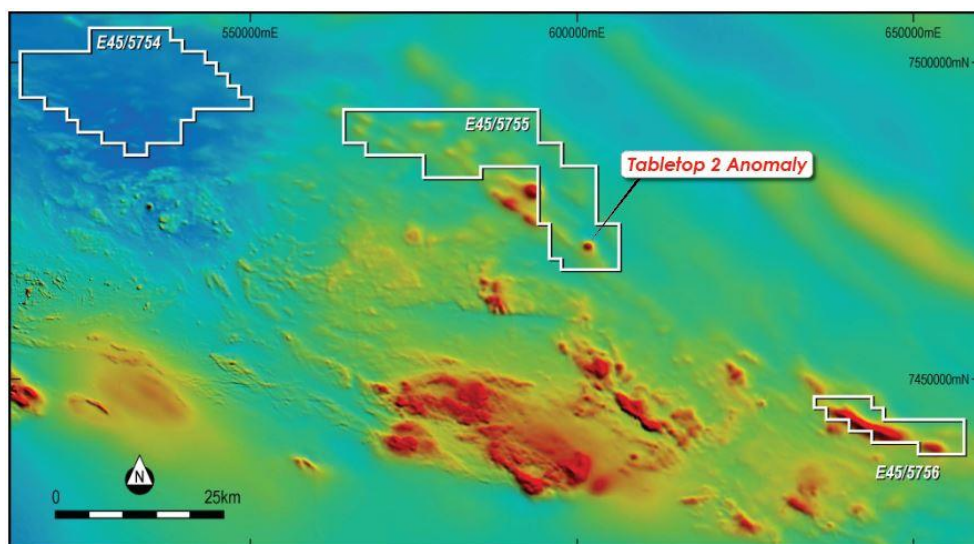


Figure 3: Paterson South Project - TMI magnetic image showing the Tabletop 2 bullseye anomaly.

The Tabletop 2 anomaly displays a notable magnetic bullseye with associated 0.1-0.15 milligal gravity anomaly (Figure 4). 3D interpretation of Haines gravity data indicates a high-density target measuring 800m x 500m and up to 300m thick. The target, situated at a depth of approximately 400m, is directly above a strong magnetic anomaly which is interpreted as representing an intrusive unit.

The relationship of the gravity anomaly located directly above a magnetic anomaly indicates the potential for dense sulphide or iron/hematite alteration deposited above a mineralised magnetic intrusive. Such systems typically develop as heat from magma produces a hydrothermal system that deposits gold and copper as the fluids interact with the host lithology. As such, Tabletop 2 is considered a priority for further investigation.

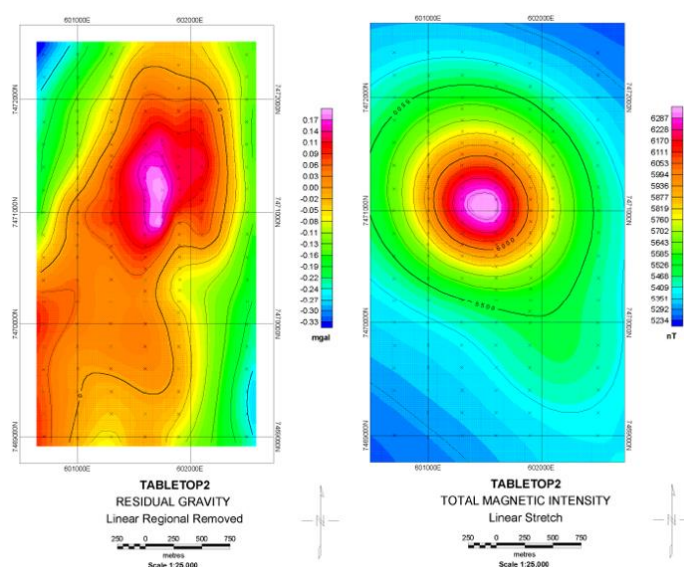


Figure 4: Gravity anomaly (left) coincident with magnetic bullseye anomaly (right) potentially showing mineralisation situated above an intrusive

The next steps at Paterson South will include performing Euler Deconvolution modelling for the existing AMAG data over the three tenement areas to highlight depth to basement as well as remodelling historic gravity / magnetic data at Tabletop 2 to better constrain depth to target. Once depth to target is constrained follow up geophysical work will be considered to assist drill targeting at depth.

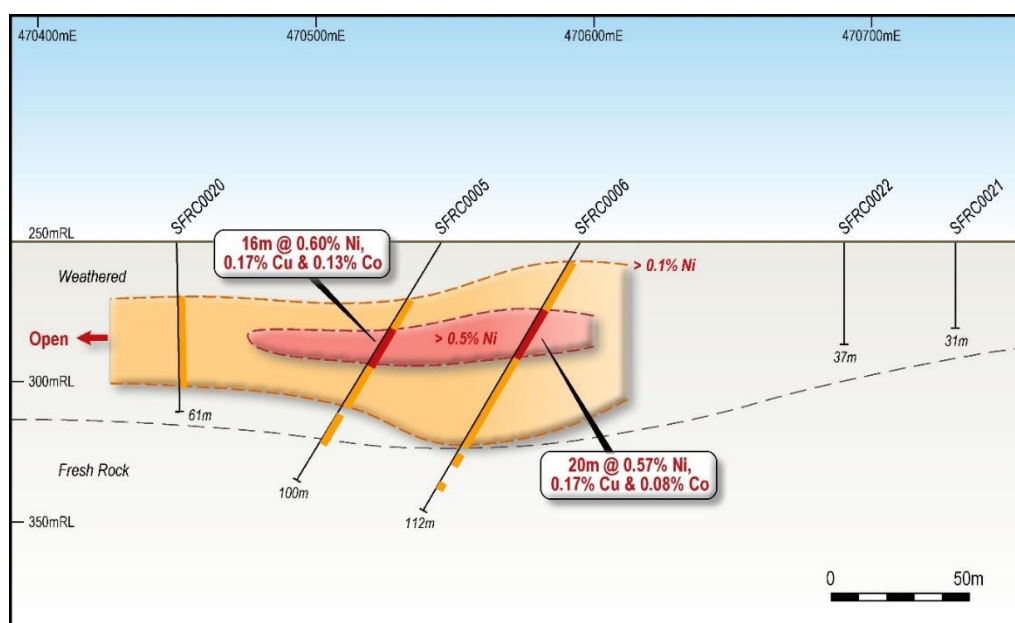
## Gnama Nickel Project (ScandiVanadium 100%)

The Gnama Nickel Project is located at the southern end of the Fraser Range, host to numerous recent nickel discoveries including Nova-Bollinger, acquired by IGO for \$1.8 billion in May 2015. Renewed interest has been fuelled by Legend Mining's Mawson discovery in January 2020 with recent drill intersections including 12.8m @ 2.8% Ni, 1.4% Cu and 0.14% Co from 235m. Both Nova Bollinger and Mawson were identified by an anomalous Ni+Cu signature at surface with Ni sulphide source at depth. Typically, discoveries have a significant barren zone between the oxide cap and sulphide source with primary mineralisation at Nova occurring up to 450m beneath the surface.

Gnama was identified by Sirius Exploration in 2010 when RC holes drilled to test a soil geochemical anomaly intersected a zone of Ni, Cu and Co enrichment in the oxide zone above mixed mafic and ultramafic rocks. Drill hole SFRC5 intersected 16m @ 0.6% Ni, 0.14% Cu and 0.13% Co from 36m and drill hole SFRC6 intersected 20m @ 0.57% Ni, 0.17% Cu and 0.08% Co from 28m. Sirius remarked that "Whilst the elevated levels of Ni and Co could be explained by lateritic enrichment, the presence of copper suggests that the underlying rocks may contain sulphide mineralisation." However, as Sirius moved on to drilling at the Nova target this potential was not followed up and the tenement was allowed to lapse.

Five EM anomalies were identified in historic data, however none of the anomalies persist into the late time channels. Modelling of the conductors showed low conductivity and large lateral extent associated with each anomaly, parameters typically associated with shallow sedimentary conductors.

Using modern surveying techniques, ScandiVanadium intend to expand the depth of investigation beyond what was achieved in the 2005 survey to depths of approximately 550m. This can be achieved by increasing the size of the transmitter loop from 200m to 400m and using a Jessy SQUID receiver in the slingram configuration. The Company is planning to undertake a SQUID survey in H2 2020 with the aim of identifying nickel copper mineralisation.



Gnama Nickel Project Ni / Cu RC drill intersections



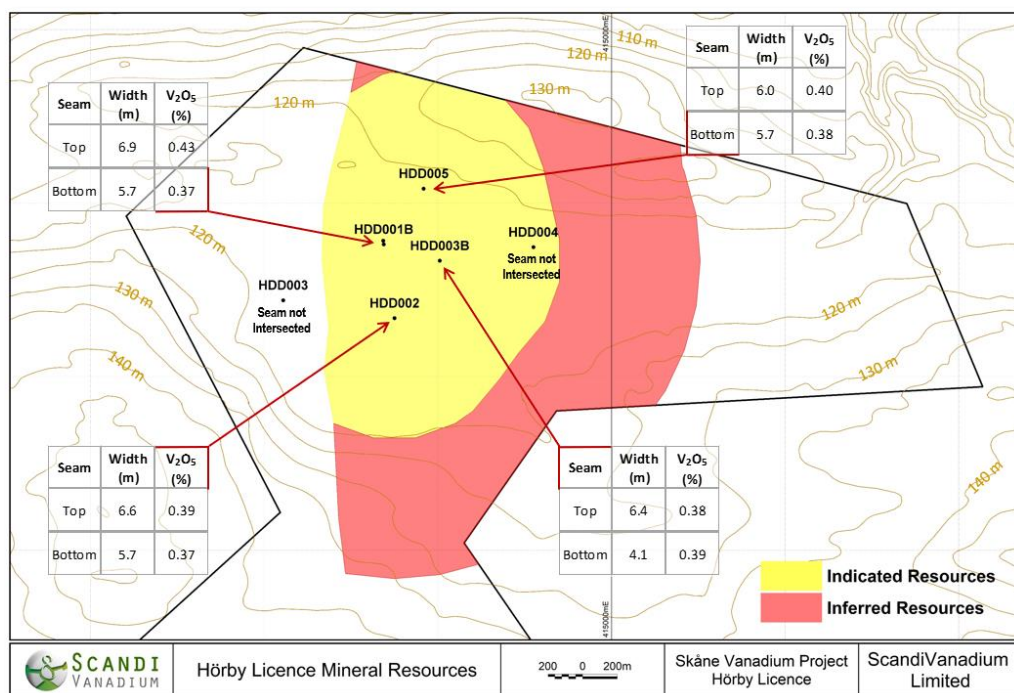
## Skåne Vanadium Project (ScandiVanadium 100%)

During the quarter ScandiVanadium continued its work under the Swedish Vinnova grant towards establishing an effective recovery method of Vanadium from the Dictyonema formation.

The Company also received a ruling from The Land and Environment Court at Växjö District Court that its appeal has been upheld and the other appeals to the case have been rejected. This ruling is a critical step in providing the legal standing to conduct the submitted work programs, once the decision gains legal force. The decision by the Court can be appealed until 6 November 2020. Should there be no appeal, the appeal is denied or the Court decides to hear the appeal and the subsequent ruling is again in ScandiVanadium's favour, the Company will have 12 months from the date of that final decision to conduct the submitted work program.

The work program includes 10 holes in an area where historic drilling reported grades at Fågeltofta-2 (9.7m @ 0.61%  $V_2O_5$ ) and Gislövshammar-2 (9.2m @ 0.67%  $V_2O_5$ ) and from surface sampling at Flagabro Creek (~10m @ 0.61%  $V_2O_5$ ).

ScandiVanadium currently have estimated a maiden JORC Mineral Resource of 116.9Mt @ 0.39%  $V_2O_5$  at the Hörby Target in the Skåne Vanadium Project. The high tonnage, near surface, resource estimated at Hörby reflects the widespread stratigraphic hosted vanadium mineralisation across the licences, giving confidence that further drilling could generate additional Mineral Resources over higher-grade targets in the 98% that remains unexplored.



*Hörby Mineral Resource: 116.9Mt @ 0.39%  $V_2O_5$  including Indicated Mineral Resource of 61.8Mt @ 0.39%  $V_2O_5$  and Inferred Mineral Resource of 55.0Mt @ 0.39%  $V_2O_5$*

### **Cash Position and Operating Expenditure**

At the end of the quarter the Company had a cash balance of \$2.284 million.

During the quarter the Company expended approximately \$274,000 on exploration and evaluation activities detailed in this report. There was no substantive mining production and development activities in the quarter.

Payments set out in Section 6.1 of the Directors fees & salaries, along with consulting fees for additional services paid to Caprodite Transaction Execution Pty Ltd, a company which Brandon Munro is a director and Gascoyne Industrial Sands Pty Ltd a company which Thomas Langley is a director.

Item 6.2 – Payment to Thomas Langley for the acquisition of Vanatech Pty Ltd.

As at the date of this report the Company has 499,199,433 ordinary shares, 162,500,000 performance shares and 70,000,000 unlisted options (exercisable at \$0.04) on issue.

### **Appointment of Executive Chairman and Board Changes**

The appointment of Mr Frances strengthens ScandiVanadium's Board and management team bringing a new level of West Australian and gold experience to the Board and positions the company well for future growth.

Mr Frances is a Perth based, international mining executive of nearly 30 years with a track record of transacting, discovering and developing assets in Australia and Africa. Mr Frances led Mawson West (TSX: MWE) from 2006-2012, which included acquiring and recommissioning the Dikulushi copper-silver mine in the Democratic Republic of Congo (DRC) and relisting on the Toronto Stock Exchange with a market capitalisation of ~\$250 million, completing the world's largest base metals capital raise and IPO in 2010.

Mr Frances served as Chairman and Managing Director of ASX listed Tawana Resources and Winward Resources, which was acquired by Independence Group Ltd (ASX:IGO) in 2016. Recently, Mr Frances has served as Managing Director for Dakota Minerals and Executive Chairman of Tiger Resources.

Tom Langley was appointed as a Non-Executive Director of the Company. Mr Langley has deep Western Australian experience focussed on the identification of prospective ground and early stage evaluation of mining projects. Mr Langley has been active in the Paterson region since 2013 and brings detailed understanding of the geology of the province. Mr Langley has worked on large-scale gold resource definition programs throughout Western Australia with Northern Star as well as significant nickel discoveries such as Nova-Bollinger and Silver Knight deposits in the Fraser Range for Sirius Resources and Creasy Group. Mr Langley also brings operational management experience due to his founding of DT Sands, supplying waterwell drilling companies in the Pilbara. Mr Langley holds a BSc, Geology from the University of Western Australia and a MSc, Economic Geology from the University of Tasmania.

The quarter also saw the resignation of Mr Simon Robertson as a Director and Company Secretary and the appointment of Mr Ian Hobson as Company Secretary.

Release authorised by:  
David Frances  
Executive Chairman  
30 October 2020

### **Competent Person's Statement**

The information in this report that relates to Exploration Results is extracted from the following announcements:

- "Appointment of Executive Chairman and Board Changes" announced 3 August 2020
- "Pegging Additional Ground in the Paterson Province" announced 10 August 2020
- "Fraser Range - Gnama Nickel Copper Project Update" announced 8 September 2020
- "HEM Data Review and Initial Targets at Paterson South" announced 30 September 2020

The information in this document that relates to the estimation and reporting of the Mineral Resource is extracted from the report entitled "Maiden JORC Mineral Resource at Skåne" created on 18 December 2019.

These announcements are available to view at [www.scandivanadium.com](http://www.scandivanadium.com). The Company confirms that it is not aware of any new information or data that materially affects the information included in the Prospectus and the above-mentioned announcements. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the Prospectus or above-mentioned announcements.



## Schedule of Tenements

### Australia

Name	Tenement	Ownership at beginning of quarter	Ownership at end of quarter
Pascalle	E 45/5316	0%	100%
Paterson South	E 45/5754	0%	100%
Paterson South	E 45/5755	0%	100%
Paterson South	E 45/5756	0%	100%
Gnama	E 63/1933	0%	100%
Gnama	E 63/1934	0%	100%
Gnama	E 63/1935	0%	100%

### Sweden

Name	Tenement	Ownership at beginning of quarter	Ownership at end of quarter
Killeröd	EP 93/2018	100%	100%
Virrestad	EP 94/2018	100%	100%
Andrarum	EP 469/2018	100%	100%
Fågeltofta 1	EP 299/2018	100%	100%
Fågeltofta 2	EP 471/2018	100%	100%
Flagabro	EP 470/2018	100%	100%
Hörby	EP 475/2018	100%	100%
Tosterup	EP 476/2018	100%	100%
Hammenhög	EP 473/2018	100%	100%
Järrestad	EP 474/2018	100%	100%
Gislövshammar	EP 472/2018	100%	100%